

# Flexible Data Collection

## —User Guide

Collects data for AI model training and feature development, flexible and cost-efficient solutions for vehicles and edge devices without OTA.



# Flexible Data Collection

## 1. Introduction

### 1.1. Business Background

During vehicle operation, the vehicle bus continuously generates signals that reflect the operating conditions and status of the vehicle, on-board ECUs, and components. Using the signal flow on the bus, functions such as vehicle status analysis, component fault analysis, and part operation data statistics can be realized, enabling rapid fault investigation and system design optimization. Therefore, collecting and analyzing the signal flow of bus communication is of great value.

Generally, the signal flow of on-board bus communication can be collected and then uploaded to the cloud server for data analysis. However, the on-board bus generates signals in real time with a time cycle, resulting in a large signal volume. Uploading all signals to the cloud will generate significant network traffic, and most of the data is of no value. Therefore, it is necessary to filter the collected data on the vehicle side and upload only the potentially valuable data to the cloud. Furthermore, flexible configuration of data filtering rules according to different periods and conditions can help obtain valuable data more flexibly.

To address the above issues, we provide a highly versatile, easy-to-operate, flexible, low-cost, low-resource-consuming, and mass-production verified on-board bus data flexible collection solution, realizing flexible data collection through vehicle-cloud collaboration.

### 1.2. Functional Overview of the Flexible Data Acquisition Platform

The Flexible Data Acquisition Platform provides users with the following core functions:

- 1. Event Acquisition:** Based on business requirements, users create event-based algorithms and deliver them to the vehicle side. The vehicle side continuously runs the algorithms to monitor event triggers. When vehicle-side data meets the preset event logic, data is uploaded according to algorithm configurations. For detailed methods of creating and managing event acquisition, refer to the [Event Acquisition] chapter.

2. **Periodic Acquisition:** This function enables the vehicle side to continuously upload data to the cloud at a fixed sampling frequency. VDE users can edit the signal range and sampling frequency of periodic acquisition on the cloud to flexibly adjust the periodic acquisition strategy. For detailed methods of creating and managing periodic acquisition, refer to the [Periodic Acquisition] chapter.
3. **Historical Query Acquisition:** The VDE edge database on each vehicle stores the original frequency data of the vehicle for a certain period on the vehicle side. VDE users can create historical query tasks on the cloud, configure the query signal range and time range, and deliver them to the vehicle side to complete the callback of original frequency data queries. For detailed methods of creating and managing historical query acquisition, refer to the [Historical Query] chapter.
4. **Historical Calculation Acquisition:** The cloud sets the start and end times for vehicle historical data calculation as needed. After the acquisition algorithm is delivered to the vehicle side, the vehicle side calculates the historical data within this period and uploads the results to the cloud. For detailed methods of creating and managing historical calculation acquisition, refer to the [Historical Calculation] chapter.
5. **Log Acquisition:** Currently, the VDE edge database has accessed log data such as a, b, c, and d. Users can collect various types of log data through the VDE platform. For detailed methods of creating and managing log acquisition, refer to the [Log Acquisition] chapter.
6. **DoIP Acquisition:** The cloud sets the acquisition time range and network card (VLAN). VDE users deliver the acquisition rules to the vehicle side, collect DoIP data through a fixed port (13400), and the vehicle side uploads the DoIP data within the specified time range to the cloud. For detailed methods of creating and managing DoIP acquisition, refer to the [DoIP Acquisition] chapter.
7. **eMMC Monitoring:** Regularly monitor the health status of the vehicle-side eMMC. Through the Flexible Data Acquisition Platform, VDE users can monitor the eMMC health status (normal/abnormal) by vehicle model and series. They can also view specific eMMC abnormal information by clicking on vehicles with eMMC abnormalities. For detailed methods of managing eMMC monitoring, refer to the [eMMC Monitoring] chapter.
8. **Deployment Approval:** A secondary review of acquisition tasks to verify whether they meet business requirements. For detailed methods of managing deployment approval, refer to the [Deployment Approval] chapter.
9. **Vehicle Management:** Supports viewing vehicle information synchronized from the TSP. For detailed methods of vehicle management, refer to the [Vehicle Management] chapter.

10. **Vehicle Grouping:** VDE users can customize vehicle groups in advance. When creating acquisition tasks later, they can quickly initiate tasks by selecting the corresponding group instead of checking vehicles one by one. For detailed methods of managing vehicle grouping, refer to the [Vehicle Grouping] chapter.
11. **Signal Management:** Supports viewing signal information synchronized from the TSP. For detailed methods of signal management, refer to the [Signal Management] chapter.
12. **Signal Grouping:** VDE users can customize signal groups in advance. When creating acquisition tasks later, they can quickly initiate tasks by selecting the corresponding group instead of checking signals one by one. For detailed methods of managing signal grouping, refer to the [Signal Grouping] chapter.
13. **Requirement Management:** Since the delivery of periodic acquisition and event acquisition will have a certain impact on resource costs and vehicle-side performance, to ensure stable system operation, users need to submit a requirement application through the platform before creating such acquisitions. The algorithm can only be delivered to the vehicle side after the system approves the application. For detailed methods of creating and managing requirement management, refer to the [Requirement Management] chapter.
14. **Requirement Approval:** Users with approval permissions review submitted requirement applications, estimate the resource costs of the cloud and vehicle sides and deployment feasibility, and confirm the acquisition plan. For detailed methods of managing requirement approval, refer to the [Requirement Approval] chapter.
15. **Platform Approval :** A primary review of acquisition tasks to verify whether they meet business requirements. For detailed methods of managing platform approval, refer to the [Platform Approval] chapter.
16. **Pre-VDE Startup Data:** Mainly describes functions such as how to download and view data before VDE startup. For detailed descriptions of pre-startup data, refer to the [Pre-Startup Data] chapter.
17. **Data Download:** The data download function supports the download and viewing of various collected data. For detailed descriptions of data download, refer to the [Data Download] chapter.

#### Notes:

- Periodic Acquisition supports all vehicle models and long-term data collection. Due to high data costs, it only supports sampling frequencies of 10ms, 100ms, and 1s, and cannot support full-volume raw frequency upload. If you have needs for high-precision data, please use the Historical Acquisition function.

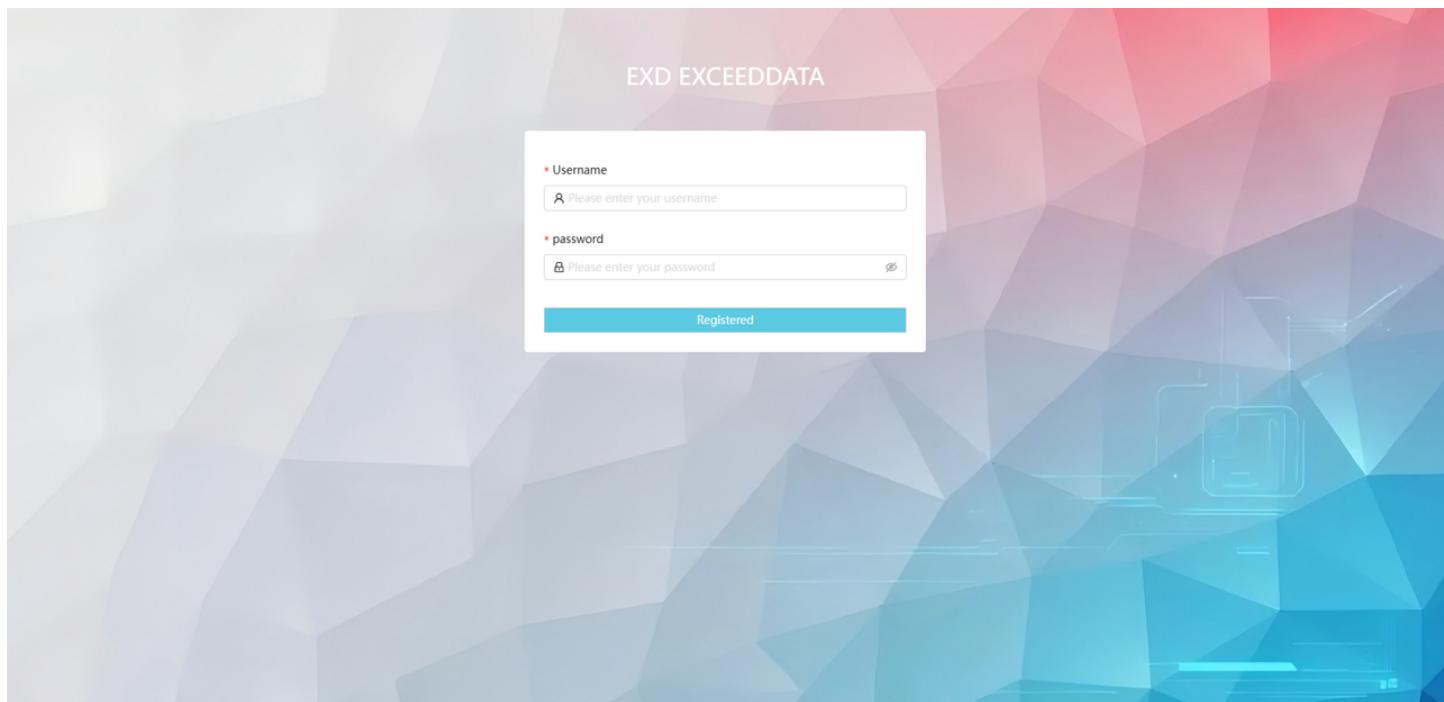
- The event algorithms relied on by Event Acquisition and Historical Calculation Acquisition must be built using VDE's supporting algorithm building tool. For usage instructions of the algorithm building tool, refer to the *Algorithm Platform Help Document* or contact platform support staff.
- Since the delivery of Periodic Acquisition and Event Acquisition will have a certain impact on resource costs and vehicle-side performance, to ensure stable system operation, you need to submit a requirement application through the platform before creating such acquisitions. The algorithm can only be delivered to the vehicle side after system approval.
- Historical Acquisition and Log Acquisition do not require approval.

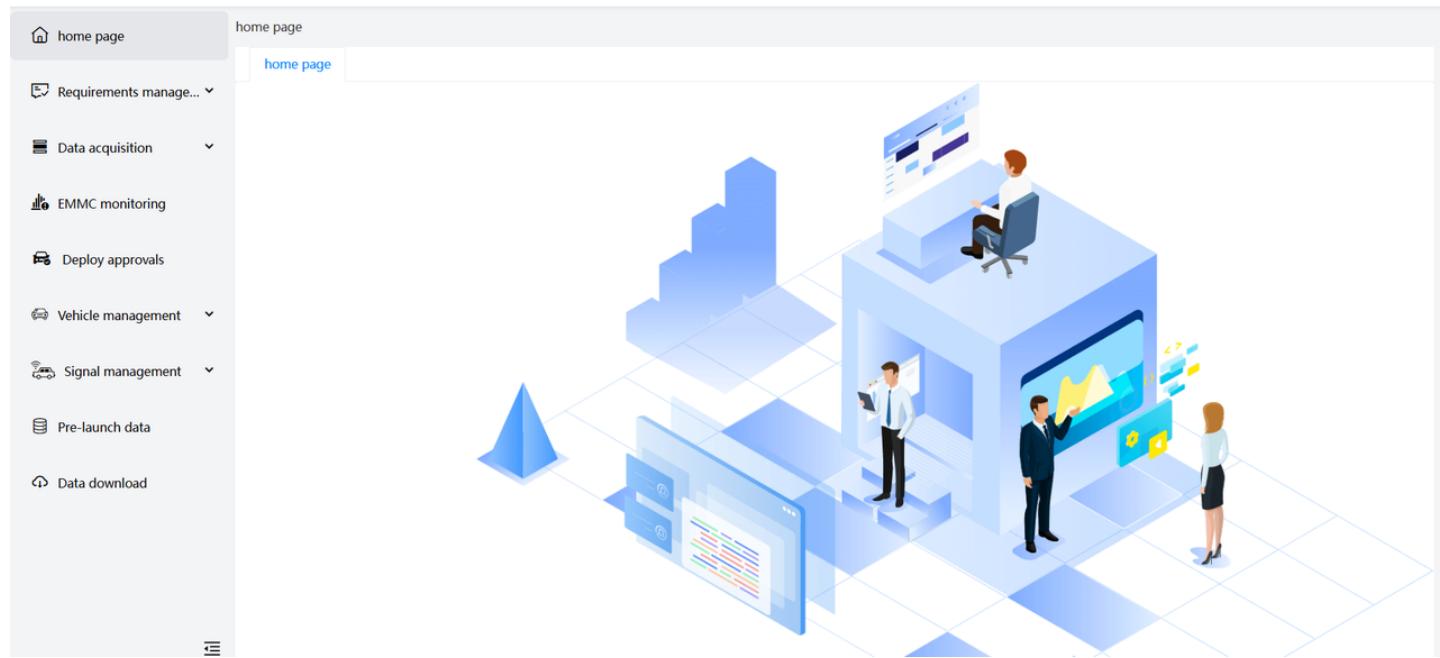
## 2. Login Methods

### 2.1. Login Interface

The system's web client is compatible with common browsers on the market, including Google Chrome, Mozilla Firefox, 360 Secure Browser (Extreme Speed Mode), and Microsoft Edge. Enter the corresponding URL: [xxx Address] in the browser's address bar, and the login page will be displayed.

The login page shows the username and password fields.

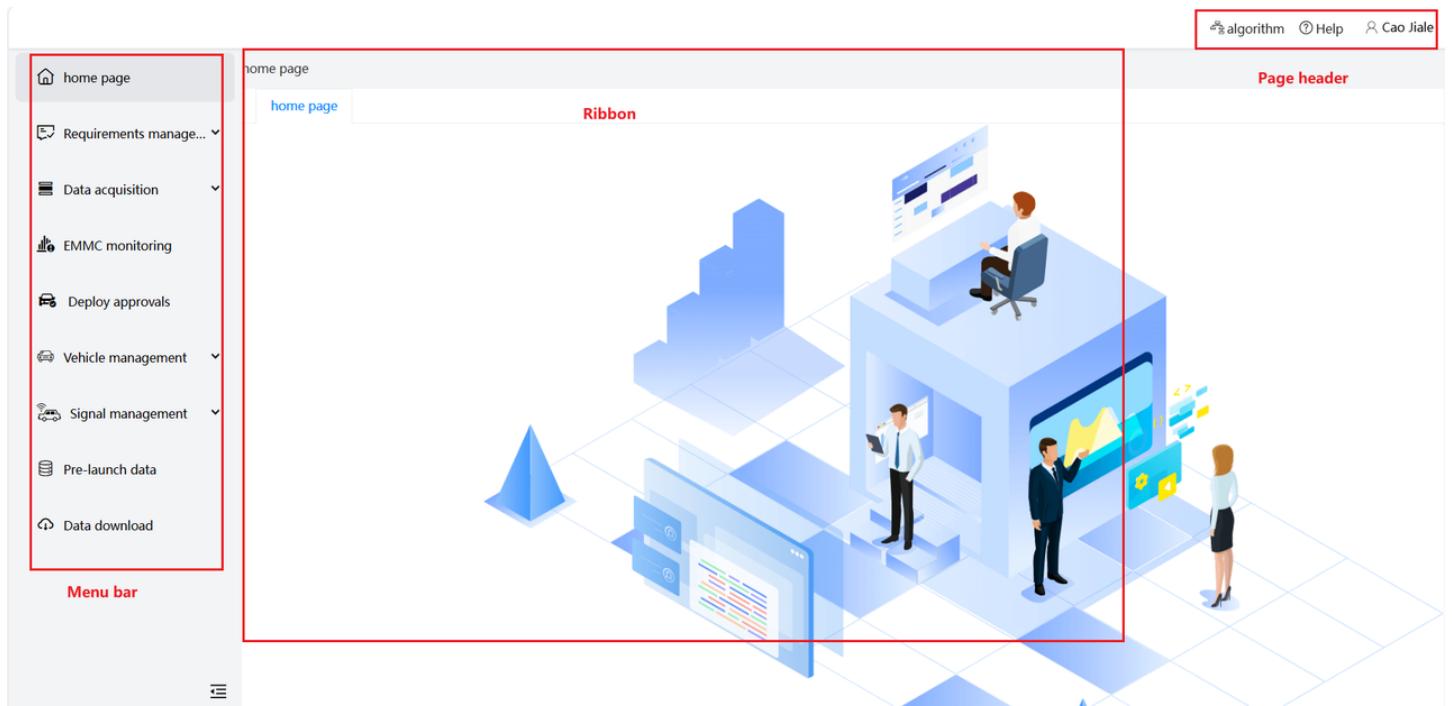




## 2.2. Introduction to the Operation Interface

After logging into the system, the interface consists of a page header, a menu bar, and a functional area.

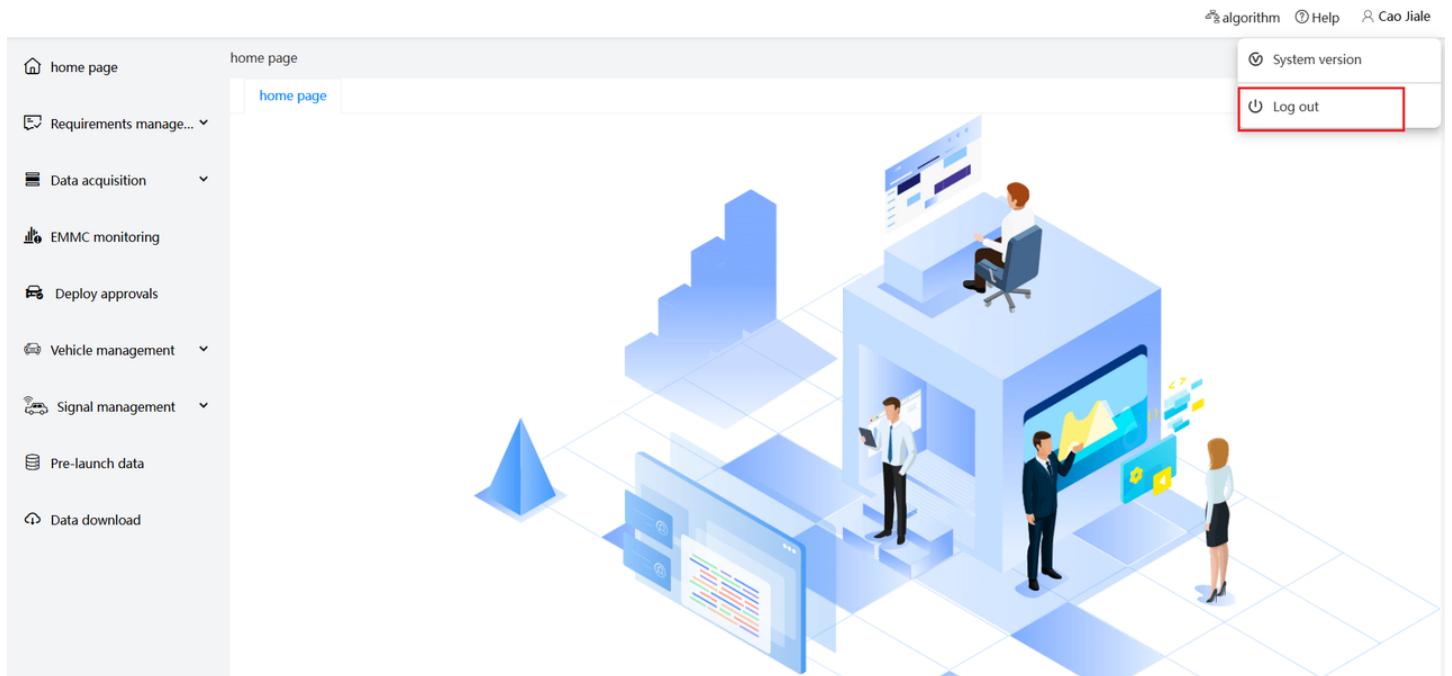
- Page Header:
  - Product Logo: Only displays the current logo of the product.
  - Algorithm Platform Button: Clicking it allows users to enter the algorithm platform interface to build acquisition algorithms.
  - User Information: Displays user information and version information, and provides a logout function.
- Menu Bar: Contains all menu directories and can be collapsed or expanded. Clicking a menu navigates to the corresponding functional area.
- Functional Area: Includes Home, Requirement Management, Requirement Approval, Event Acquisition, Periodic Acquisition, Historical Calculation, Log Acquisition, DoIP Acquisition, eMMC Monitoring, Deployment Approval, Vehicle Management, Vehicle Grouping, Signal Management, Signal Grouping, and Data Download.



## 3. Introduction to Common Functions

### 3.1. Logout

Click the "User Name" in the upper right corner, and a drop-down menu will appear. Select and click the "Logout" button to return to the login page.



### 3.2 Pagination Display

The pagination function displays data in pages. It shows the total number of data entries, the number of entries per page, as well as buttons for the first page, last page, previous page and next page. Clicking the corresponding page number will navigate to that page. You can also enter

the target page number in the input box and press the Enter key, or simply click the blank area of the page to jump to the specified page.

Task name	Collection type	Deployment status	Run the process	Models	Algorithm name	Algorithm version	operate
rjy-test-11	Vehicle collection	Not submitted	0/145	V China	wzj-test	v1.0.2	revise copy ...
event_20251202_1	Vehicle collection	deployed	1/1	V China	Diagnostic monitoring_lo...	v1.0.0	revise copy ...
DE06_power loss early wa...	Model collection	deployed	7/23	PHEV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	PHEV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cedcedcwcw...	Vehicle collection	Not submitted	0/1	PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event-20251125-v1	Vehicle collection	deployed	1/1	V China	Event algorithm - left bac...	v1.0.0	revise copy ...
de2s	Vehicle collection	Not submitted	0/1	PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event - Performance 1	Vehicle collection	deployed	1/1	V China	Event algorithm tj-d	v1.1.19	revise copy ...
test01_copy	Vehicle collection	Not submitted	0/1	HEV	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	0/23	PHEV	Event algorithm - left bac...	v1.0.0	revise copy ...

A total of 33 articles < 1 2 3 4 > Skip to  page

Task name	Collection type	Deployment status	Run the process	Models	Algorithm name	Algorithm version	operate
rjy-test-11	Vehicle collection	Not submitted	0/145	China	wzj-test	v1.0.2	revise copy ...
event_20251202_1	Vehicle collection	deployed	1/1	China	Diagnostic monitoring_lo...	v1.0.0	revise copy ...
DE06_power loss early wa...	Model collection	deployed	7/23	HEV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	HEV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cedcedcwcw...	Vehicle collection	Not submitted	0/1	HEV	wzj-test	v1.0.2	revise copy ...
zkf_event-20251125-v1	Vehicle collection	deployed	1/1	China	Event algorithm - left bac...	v1.0.0	revise copy ...
de2s	Vehicle collection	Not submitted	0/1	HEV	wzj-test	v1.0.2	revise copy ...
zkf_event - Performance 1	Vehicle collection	deployed	1/1	China	Event algorithm tj-d	v1.1.19	revise copy ...
test01_copy	Vehicle collection	Not submitted	0/1	HEV	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	0/23	HEV	Event algorithm - left bac...	v1.0.0	revise copy ...

A total of 33 articles < 1 2 3 4 > Skip to  page

You can jump to the specified page by entering the target page number in the input box and pressing the Enter key, or directly clicking the blank area.

### 3.3 Query Data

Enter the Task Name, Creator and Creator ID in the search box. Select the Start Time and End Time, then click Query. There is no limit on the number of days for the query period. The list will display the corresponding data. If there is no relevant data, the list will be empty. Single-condition query is supported

Event Collection

home page Requirements approval Requirements management Event Collection Cycle Acquisition

Query Function All closed

Task name Creator Create a L... Start time End time Inquire +newly built

Task name	Collection type	Deployment status	Run the process	Models	Algorithm name	Algorithm version	operate
rjy-test-11	Vehicle collection	Not submitted	<div style="width: 10%;">0/145</div>	hina	wzj-test	v1.0.2	revise copy ...
event_20251202_1	Vehicle collection	deployed	<div style="width: 10%;">1/1</div>	hina	Diagnostic monitoring_0...	v1.0.0	revise copy ...
DE06_power loss early wa...	Model collection	deployed	<div style="width: 10%;">7/23</div>	EV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	<div style="width: 10%;">15/39</div>	EV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cededcwcw...	Vehicle collection	Not submitted	<div style="width: 10%;">0/1</div>	EV	wzj-test	v1.0.2	revise copy ...
zkf_event-20251125-v1	Vehicle collection	deployed	<div style="width: 10%;">1/1</div>	hina	Event algorithm - left bac...	v1.0.0	revise copy ...
de2s	Vehicle collection	Not submitted	<div style="width: 10%;">0/1</div>	EV	wzj-test	v1.0.2	revise copy ...
zkf_event - Performance 1	Vehicle collection	deployed	<div style="width: 10%;">1/1</div>	hina	Event algorithm tj-d	v1.1.19	revise copy ...
test01_copy	Vehicle collection	Not submitted	<div style="width: 10%;">0/1</div>	/	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	<div style="width: 10%;">0/23</div>	EV	Event algorithm - left bac...	v1.0.0	revise copy ...

A total of 33 articles < 1 2 3 4 > Skip to page

## 3.4 Breadcrumb Path

You can return to the corresponding page via the breadcrumb path.

Event Collection / Event collection details

home page Event Collection Event collection details

All closed

Vehicles are selected 23

Vehicle VIN

XSF000001
2SF000008
4SF000009
4SF000012
1SF000016
8SF000014
2SB000002
0SB000001
1SF000002
3SF000017
3SF000003
3SF000020

Output signal 26

Signal name

SC_CANFD.PEPS2.SysPowerMod
HC_CANFD.LBM4.LBMSOC
HC_CANFD.LBM9.LBMSmtDCChrgn
BD2_CAN.HCM_L1.LTurnLmpSts
BD2_CAN.HCM_R1.RTurnLmpSts
BD_CANFD.ZCU_L_NM.ZCU_L_NM
BD_CANFD.ZCU_R_NM.ZCU_R_NM
BD1_CAN.CSA_NM.CSA_NM
BD1_CAN.BLE_NM.BLE_NM
PT_CANFD.IBC_NM.IBC_NM
PT_CANFD.VCU_NM.VCU_NM
CC_CANFD.VDC_NM.VDC_NM

Task configuration

Task Name:DE06\_power loss early warning algorithm  
-1PHEV  
Forwarding platform:Loss of electricity  
Storage space:0.89G  
Vehicle CPU Estimate:7.8%  
Vehicle memory estimate:2.6M  
Algorithm Name:Power loss warning\_0909  
Algorithm description:  
Version number: v1.0.1

Requirements binding

Requirement name	Proposer
1212	Wang Zhijuan

## 4. Demand Management

Since periodic collection and event-driven collection will have a certain impact on resource costs and vehicle-end performance after delivery, it is necessary to submit a demand application through the platform before creating such collections. The algorithm can only be delivered to the vehicle-end after the system approves the application.

home page Requirements management

home page Requirements management x All closed

Business requirement ... Inquire +newly built

Business needs Presentation time Proposer department Department operate

Air conditioning monitoring	2025-10-22 15:34:16	Cao Jiale	Test Section	revis e	Submit for approval
1111	2025-10-14 17:33:34	Cao Jiale	Test Section	revis e	Submit for approval
ccce	2025-09-29 15:30:31	Cao Jiale	Test Section	revis e	Submit for approval
ccc	2025-09-23 15:47:44	Cao Jiale	Test Section	revis e	Submit for approval
ww	2025-09-23 15:39:40	Cao Jiale	Test Section	revis e	Submit for approval

There are 5 articles in total < 1 >

Requirements management...

Requirements approval

Data acquisition

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

## 4.1 Create New Demand

Click the New button to create a new demand. The list will refresh automatically after successful creation.

home page Requirements management

home page Requirements management x All closed

Business requirement ... Inquire +newly built

Business needs Presentation time Proposer department Department operate

Air conditioning monitoring	2025-10-22 15:34:16	Cao Jiale	Test Section	revis e	Submit for approval
1111	2025-10-14 17:33:34	Cao Jiale	Test Section	revis e	Submit for approval
ccce	2025-09-29 15:30:31	Cao Jiale	Test Section	revis e	Submit for approval
ccc	2025-09-23 15:47:44	Cao Jiale	Test Section	revis e	Submit for approval
ww	2025-09-23 15:39:40	Cao Jiale	Test Section	revis e	Submit for approval

There are 5 articles in total < 1 >

Requirements management...

Requirements approval

Data acquisition

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

home page Requirements management / New requirements Fill in the relevant information according to the requirements.

home page Requirements management Create requirements management All closed

Proposer: 曹佳乐 Submit a labor number: exdcjl mailbox: exdcjl@gwm.cn

Phone: 18584372000 \* department: 测试科 Department:

\* Head of department: \* The department is responsible for the labor number:

\* Requirement name: 0 / 30 \* Collect models: \* Estimated number of signals to be acquired:

\* Requirements reviewer: \* Requirements review manual number:

\* Purpose and req

\* Business value: 0 / 500

Save Submit for review Cancel

- Click the Save button to save the current demand without submitting it for approval. You can re-enter the page to modify and submit it for review later.
- Click the Submit for Review button to submit the demand for approval. After approval is granted, you can associate the demand.
- Click Cancel to exit the demand creation page without creating the current demand.

home page Requirements management / New requirements

home page Requirements management Create requirements management All closed

Proposer: 曹佳乐 Submit a labor number: exdcjl mailbox: exdcjl@gwm.cn

Phone: 18584372000 \* department: 测试科 Department:

\* Head of department: \* The department is responsible for the labor number:

\* Requirement name: 0 / 30 \* Collect models: \* Estimated number of signals to be acquired:

\* Requirements reviewer: \* Requirements review manual number:

\* Purpose and req

\* Business value: 0 / 500

Save Submit for review Cancel

## 4.2 Management Page

Click on "Demand Management" in the menu bar to enter the demand management page. Here, users can view the demands submitted under their own accounts.

The screenshot shows a web-based application for Requirements management. The sidebar on the left contains various menu items: Requirements management, Requirements approval, Data acquisition, EMMC monitoring, Deploy approvals, Vehicle management, Signal management, Pre-launch data, and Data download. The main content area is titled 'Requirements management' and shows a table of business needs. The table has columns: Business needs, department, Department, Approval status, Approval time, and operate. The 'operate' column contains buttons for 'revis e' (Submit for approval) and 'Submit for approval'. A red box highlights the 'Requirements management...' button in the sidebar and the 'operate' column in the table. The table displays 5 articles in total, with page navigation buttons.

Business needs	department	Department	Approval status	Approval time	operate
Air conditioning monitoring	Test Section		passed	2025-10-22 15:34:23	<a href="#">revis e</a> <a href="#">Submit for approval</a>
1111	Test Section		passed	2025-10-14 17:33:47	<a href="#">revis e</a> <a href="#">Submit for approval</a>
ccce	Test Section		passed	2025-10-14 13:29:01	<a href="#">revis e</a> <a href="#">Submit for approval</a>
ccc	Test Section		Dismissed	2025-09-23 15:55:16	<a href="#">revis e</a> <a href="#">Submit for approval</a>
ww	Test Section		passed	2025-09-23 15:46:25	<a href="#">revis e</a> <a href="#">Submit for approval</a>

- The list displays the business demand name, submission time, submitter, department, section, approval status, approval time and operation options.
- Click the "New" button to create a new demand.
- Enter keywords of the business demand name in the search box to perform grouped fuzzy search.
- Click Edit in the operation options when the demand is in the *Unsubmitted* status to modify the demand.

## 5. Event Collection

Event collection refers to creating event-based algorithms based on business requirements and distributing them to the vehicle side. The vehicle side runs the algorithms continuously to monitor event triggers. When the vehicle-side data meets the preset event logic, the data will be uploaded according to the algorithm configuration.

The screenshot shows the 'Event Collection' interface. The left sidebar has a 'Data acquisition' section with 'Event Collection' selected, and other options like 'Cycle Acquisition', 'Historical query', etc. The main area is titled 'Event Collection' with tabs for 'home page' and 'Event Collection'. It shows a table of tasks with the following columns: Task name, Collection type, Deployment status, Run the process, Models, Algorithm name, Algorithm version, and operate. The table contains 11 rows of data, each with a task name, collection type (Vehicle collection, Model collection), deployment status (Not submitted, deployed), run progress (e.g., 0/145, 1/1, 7/23, 15/39, 0/1, 1/1, 0/1, 1/1, 0/1, 0/23), models (e.g., iEV China, -1PHEV), algorithm name (e.g., wzj-test, Diagnostic monitoring\_0909, Power loss warning\_0909, Event algorithm - left bac..., Event algorithm tj-d, Event algorithm - left bac...), algorithm version (e.g., v1.0.2, v1.0.0, v1.0.1, v1.0.0, v1.1.19, v1.0.0, v1.0.0), and operate buttons (e.g., revise, copy, ...). At the bottom, it says 'A total of 33 articles' with a page navigation section.

Task name	Collection type	Deployment status	Run the process	Models	Algorithm name	Algorithm version	operate
rjy-test-11	Vehicle collection	Not submitted	<div style="width: 10%;">0/145</div>	iEV China	wzj-test	v1.0.2	revise copy ...
event_20251202_1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	iEV China	Diagnostic monitoring_0909	v1.0.0	revise copy ...
DE06_power loss early wa...	Model collection	deployed	<div style="width: 30%;">7/23</div>	-1PHEV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	<div style="width: 10%;">15/39</div>	-1PHEV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cedcedcwcw...	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	-1PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event-20251125-v1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	iEV China	Event algorithm - left bac...	v1.0.0	revise copy ...
de2s	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	-1PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event - Performance 1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	iEV China	Event algorithm tj-d	v1.1.19	revise copy ...
test01_copy	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	8PHEV	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	<div style="width: 10%;">0/23</div>	-1PHEV	Event algorithm - left bac...	v1.0.0	revise copy ...

## Note: The event collection function requires creating event-based algorithms on the Algorithm Platform.

1. Click the list name to navigate to the event collection details page.
2. Click the list deployment status to navigate to the secondary interface for batch start/stop operations.
3. Click "Create Collection" to enter the event collection creation page.
4. Click the "Refresh" button to refresh the list.
5. Enter the task name and time to filter event collection tasks.
6. For deployed event collections, the operation options include "Edit" and "Copy".
7. "Unsubmitted": "Edit" and "Copy" are clickable; "Start", "Stop", "Urge Approval", "Withdraw" and "View Status" are grayed out and unavailable.
8. "Pending Approval": "Edit" is clickable; "Start" and "Stop" are grayed out and unavailable.
9. "Under GWM Approval": "Edit" and "Start" are grayed out and unavailable; "Copy", "Urge Approval", "Withdraw" and "View Status" are clickable.
10. "Rejected by GWM": "Edit", "Start", "Urge Approval" and "Withdraw" are grayed out and unavailable; "Copy" and "View Status" are clickable.
11. "Deployed":
  - a. If all vehicles run successfully: "Edit", "Copy", "Start", "Stop" and "View Status" are clickable; "Urge Approval" and "Withdraw" are grayed out and unavailable.
  - b. If any vehicle fails to run on the vehicle side: "Copy", "Start", "Stop" and "View Status" are clickable; "Edit", "Urge Approval" and "Withdraw" are grayed out and unavailable.

## 5.1 Create Collection

Click "New" in the upper right corner, select Vehicle Collection or Vehicle Model Collection to enter the collection creation page as shown below:

Task name	Collection type	Deployment status	Run the process	Models	Algorithm name	Algorithm version	
rjy-test-11	Vehicle collection	Not submitted	<div style="width: 10%;">0/145</div>	D	/ China	wzj-test	v1.0.2
event_20251202_1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	D	/ China	Diagnostic monitoring_lo...	v1.0.0
DE06_power loss early wa...	Model collection	deployed	<div style="width: 10%;">7/23</div>	PHEV	Power loss warning_0909	v1.0.1	
DE07_power loss early wa...	Model collection	deployed	<div style="width: 10%;">15/39</div>	PHEV	Power loss warning_0909	v1.0.1	
41421574cedcedcwdcwed...	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	PHEV	wzj-test	v1.0.2	
zkf_event-20251125-v1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	D	/ China	Event algorithm - left bac...	v1.0.0
de2s	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	PHEV	wzj-test	v1.0.2	
zkf_event - Performance 1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	D	/ China	Event algorithm tj-d	v1.1.19
test01_copy	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	HEV	Event algorithm - left bac...	v1.0.0	
test01	Vehicle collection	deployed	<div style="width: 10%;">0/23</div>	PHEV	Event algorithm - left bac...	v1.0.0	

### 5.1.1 Create Vehicle Collection

Click "Vehicle Collection" to enter the Vehicle Collection creation page.

Task name	Forwarding platform
Task name	Forwarding platform
Requirements binding	Cloud Storage (G)
Vehicle-side CPU Estimate (%)	Vehicle Memory Estimation (M)
* Input signal	* Output signal

#### 5.1.1.1 Configure Vehicle Selection

- Directly click the Group Name under the vehicle group to expand the vehicles in this group. Tick the Checkbox to select the vehicles for which data collection is to be created.

- Click the "Select Vehicles and Groups" search box, enter the VIN or group name, and the relevant vehicles/groups will be displayed in the list below. Fuzzy search is supported.

- Click the checkbox next to the vehicle VIN or vehicle group name to select the target vehicle(s). The selected vehicles will be displayed in the "Selected Vehicles" section.

Event	version	operation
Event algorithms	v1.0.1	
rjy-event-algorithm-01	v1.0.4	
rjy-event-algorithm-01	v1.1.3	
rjy-event-algorithm-01	v1.1.2	
rjy-event-algorithm-01	v1.1.1	
rjy-algorithm-02	v1.1.2	
Event 1542	v1.5.42	
ok10001-2	v7.7.7	
ok10001-2	v8.8.8	
rjy-json-test-01	v1.0.2	
demo1算法-blif-us-1	v1.0.3	
22. Current sensor performance -1-3	v1.0.3	
22. Current sensor performance -1-3-2	v1.0.3	
demo1算法-blif-us-1	v1.0.0	
22. Current sensor performance -1-3	v1.0.0	
22. Current sensor performance -1-3	v1.2.5	
tjf-test	v1.2.2	
error2004-5	v1.2.0	
Event collection algorithm	v1.0.0	

Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box next to it.

Event	version	operation
Event algorithms	v1.0.1	
rjy-event-algorithm-01	v1.0.4	
rjy-event-algorithm-01	v1.1.3	
rjy-event-algorithm-01	v1.1.2	
rjy-event-algorithm-01	v1.1.1	
rjy-algorithm-02	v1.1.2	
Event 1542	v1.5.42	
ok10001-2	v7.7.7	
ok10001-2	v8.8.8	
rjy-json-test-01	v1.0.2	
demo1算法-blif-us-1	v1.0.3	
22. Current sensor performance -1-3	v1.0.3	
22. Current sensor performance -1-3-2	v1.0.3	
demo1算法-blif-us-1	v1.0.0	
22. Current sensor performance -1-3	v1.0.0	
22. Current sensor performance -1-3	v1.2.5	
tjf-test	v1.2.2	
error2004-5	v1.2.0	
Event collection algorithm	v1.0.0	

### 5.1.1.2 Configure Event Selection

All created event algorithms are displayed in the event selection box, which can be viewed by scrolling down the scrollbar.

- Click the check box of an event algorithm to select a specific event; click the "View Description" icon next to the event algorithm to check the description and version number of the event algorithm.

Event Collection / Create a vehicle acquisition

Select a vehicle/group/model

1111

Vehicle grouping

Vehicle type

Select Events

Algorithmic information

	version	operation
Algorithmic information	v1.0.1	
Event algorithms	v1.0.4	
rjy-event-algorithm-01	v1.1.3	
rjy-event-algorithm-01	v1.1.2	
rjy-event-algorithm-01	v1.1.1	
rjy-algorithm-02	v1.1.2	
Event 1542	v1.5.42	
ok10001-2	v7.7.7	
ok10001-2	v8.8.8	
rjy-json-test-01	v1.0.2	
demo1算法-blif-us-1	v1.0.3	
22. Current sensor performance -1-3	v1.0.3	
22. Current sensor performance -1-3-2	v1.0.3	
demo1算法-blif-us-1	v1.0.0	
22. Current sensor performance -1-3	v1.0.0	
22. Current sensor performance -1-3	v1.2.5	
tjf-test	v1.2.2	
error2004-5	v1.2.0	
Event collection algorithm	v1.0.0	

Save Submit for review Cancel

Event Collection / Create a vehicle acquisition

Select a vehicle/group/model

1111

Vehicle grouping

Vehicle type

Select Events

Algorithmic information

	version	operation
Algorithmic information	v1.0.0	
Diagnostic monitoring _long version_sent	v1.0.0	
Algorithm description: 1		
Version number: v1.0.0		
wzj-test	v1.0.2	
wzj-test	v1.0.1	
wzj-test	v1.0.0	
Event algorithm tj-d	v1.1.19	
OBD monitoring	v1.0.5	
OBD monitoring	v1.0.4	
OBD monitoring	v1.0.3	
Diagnostic Monitoring _binary_Sending Edition	v1.0.2	
Diagnostic Monitoring _binary_Sending Edition	v1.0.1	
Diagnostic Monitoring _binary_Sending Edition	v1.0.0	
Air conditioning OBD1	v12.2.7	
rjy-eventalgorithm-test-01	v1.2.3	
Event algorithm tj-s	v1.1.25	

Save Submit for review Cancel

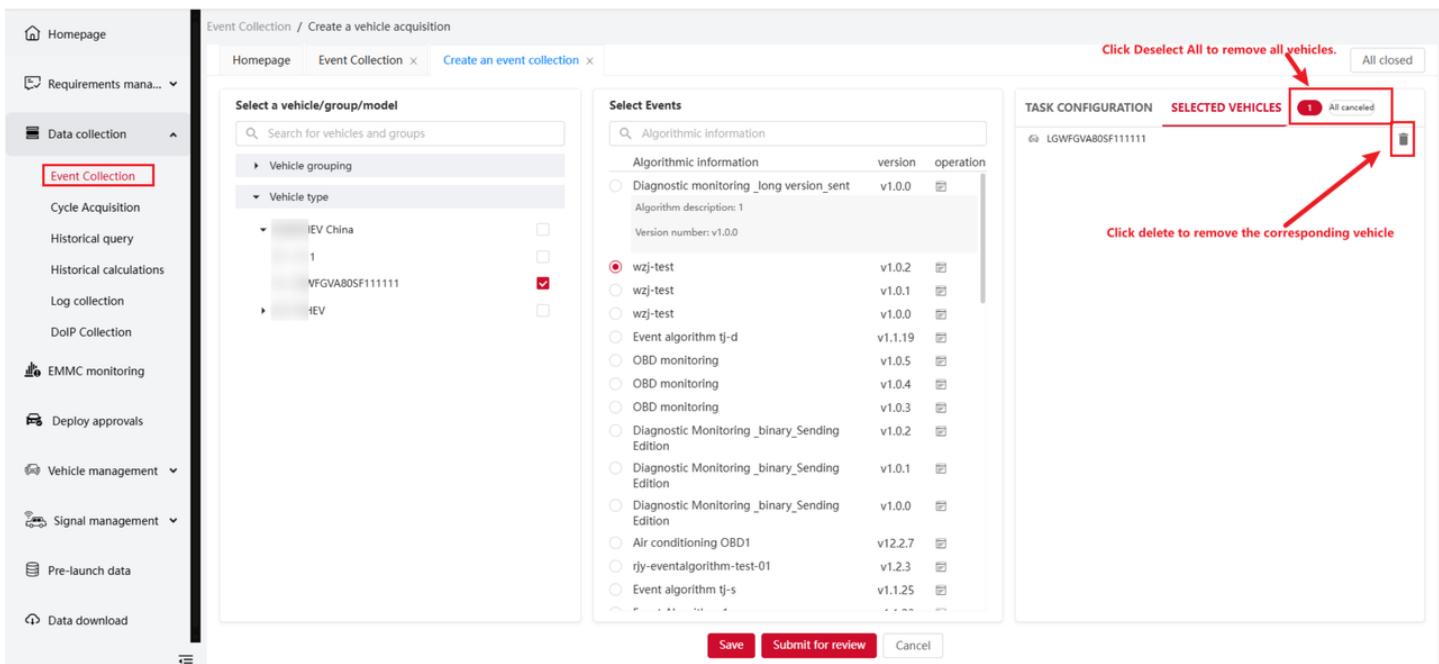
Click to view the information of this event.

### 5.1.1.3 Task Configuration

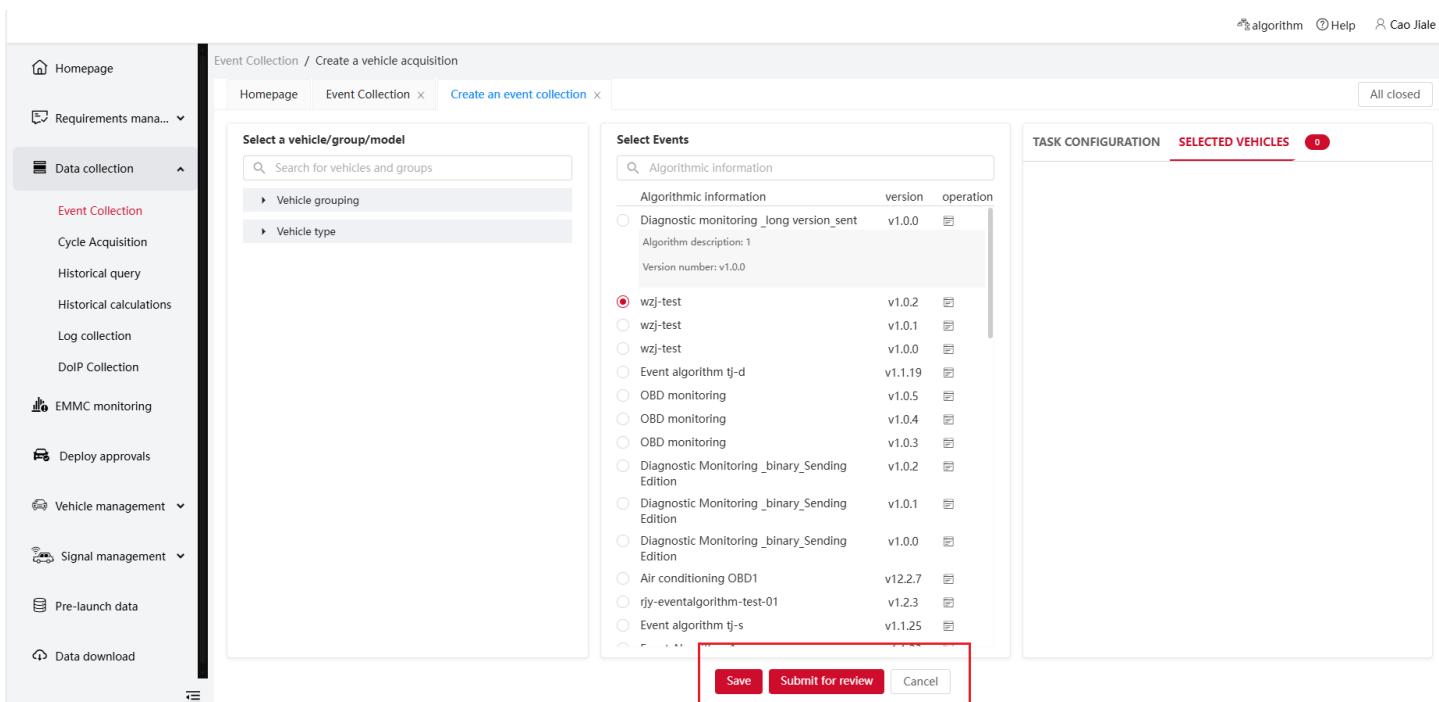
- Click the Name Input Box and enter a name. It supports Chinese characters, numbers, letters, commas and underscores. The name of a collection task must be unique.
- Click the Requirement Binding input box. Requirement binding is associated with vehicles. You need to select a vehicle first, obtain the requirement list of this vehicle, and then select a requirement.
- Click the Forwarding Platform selection box to select forwarding platforms. Multiple selections are supported and this is a non-mandatory field.

- After selecting vehicles and events, the storage space, on-vehicle CPU, and on-vehicle memory will be calculated and displayed.
- When an event algorithm is selected, the Signal display box will show the signals required to trigger the event algorithm and the resources estimated based on the event algorithm.

- In the "Selected Vehicles" list, the number of selected vehicles and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over an entry in the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox on the left will be unchecked synchronously. Click "Deselect All" to cancel the selection of all vehicles.



- After completing the configuration, click the Save button. The newly created task will appear in the periodic collection list, and you can check its deployment status.
- Click the Submit for Review button. The newly created task will appear in the periodic collection management list, where you can check its deployment status and submit it to the platform for review.
- Click Cancel to exit the collection creation page without creating the current collection task.



## 5.1.2 Create Vehicle Model Collection

Click "Vehicle Model Collection" to enter the vehicle model collection creation page.

### 5.1.2.1 Configure Vehicle Selection

Select a vehicle model directly, and only single selection is allowed.

### 5.1.2.2 Configure Event Selection

All created event algorithms are displayed in the event selection box, which can be viewed by scrolling down the scrollbar.

- Click the check box of an event algorithm to select a specific event; click the "View Description" icon next to the event algorithm to check the description, creator and version number of the event algorithm.

Event Collection / Create a model collection

Homepage Event Collection Create an event collection Display all created event algorithms All closed

Select the car model

Select Events

Algorithmic information version operation

Algorithmic information	v1.0.0	<input type="button" value="Edit"/>
wzj-test	v1.0.2	<input type="button" value="Edit"/>
wzj-test	v1.0.1	<input type="button" value="Edit"/>
Event algorithm tj-d	v1.1.19	<input type="button" value="Edit"/>
OBD monitoring	v1.0.5	<input type="button" value="Edit"/>
OBD monitoring	v1.0.4	<input type="button" value="Edit"/>
OBD monitoring	v1.0.3	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.2	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.1	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.0	<input type="button" value="Edit"/>
Air conditioning OBD1	v12.2.7	<input type="button" value="Edit"/>
rjy-eventalgorithm-test-01	v1.2.3	<input type="button" value="Edit"/>
Event algorithm tj-s	v1.1.25	<input type="button" value="Edit"/>
Event Algorithm-1	v1.1.23	<input type="button" value="Edit"/>
Time monitoring algorithm	v1.0.2	<input type="button" value="Edit"/>
Time monitoring algorithm	v1.0.1	<input type="button" value="Edit"/>

Save Submit for review Cancel

**TASK CONFIGURATION**

- \* Task name:
- Forwarding platform:
- \* Requirements binding:
- Cloud Storage (G):
- Vehicle-side CPU Estimate (%):
- Vehicle Memory Estimation (M):
- \* Input signal:
- \* Output signal:

Event Collection / Create a model collection

Homepage Event Collection Create an event collection Display all created event algorithms All closed

Select the car model

Select Events

Algorithmic information version operation

Algorithmic Information	v1.0.0	<input type="button" value="Edit"/>
Diagnostic monitoring _long version_sent	v1.0.0	<input type="button" value="Edit"/>
Algorithm description: 1		
Version number: v1.0.0		
wzj-test	v1.0.2	<input type="button" value="Edit"/>
wzj-test	v1.0.1	<input type="button" value="Edit"/>
wzj-test	v1.0.0	<input type="button" value="Edit"/>
Event algorithm tj-d	v1.1.19	<input type="button" value="Edit"/>
OBD monitoring	v1.0.5	<input type="button" value="Edit"/>
OBD monitoring	v1.0.4	<input type="button" value="Edit"/>
OBD monitoring	v1.0.3	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.2	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.1	<input type="button" value="Edit"/>
Diagnostic Monitoring _binary_Sending Edition	v1.0.0	<input type="button" value="Edit"/>
Air conditioning OBD1	v12.2.7	<input type="button" value="Edit"/>
rjy-eventalgorithm-test-01	v1.2.3	<input type="button" value="Edit"/>
Event algorithm tj-s	v1.1.25	<input type="button" value="Edit"/>

Click to view the relevant information of this event.

Save Submit for review Cancel

**TASK CONFIGURATION**

- \* Task name:
- Forwarding platform:
- \* Requirements binding:
- Cloud Storage (G):
- Vehicle-side CPU Estimate (%):
- Vehicle Memory Estimation (M):
- \* Input signal:
- \* Output signal:

### 5.1.2.3 Task Configuration

- Click the Name Input Box and enter a name. It supports Chinese characters, numbers, letters, commas and underscores. The name of a collection task must be unique.
- Click the Requirement Binding input box. Requirement binding is associated with vehicle models. You need to select a vehicle model first, obtain the requirement list for this vehicle model, and then select a requirement.
- Click the Forwarding Platform selection box to select forwarding platforms. Multiple selections are supported and this is a non-mandatory field.

- After selecting vehicles and events, the storage space, on-vehicle CPU and on-vehicle memory will be calculated and displayed.
- When an event algorithm is selected, the signals required to trigger the event algorithm will be displayed in the **Signal** display box.

- After completing the configuration, click the Save button. The newly created task will appear in the periodic collection list, and you can check its deployment status.
- Click the Submit for Review button. The newly created task will appear in the periodic collection management list, where you can check its deployment status and submit it to the platform for review.
- Click Cancel to exit the collection creation page without creating the current collection task.

## 5.2. View Collection Task Details

Click the Task Name to view the details of the current event.

- Display the selected vehicles, signals and task configurations.
- The task configuration displays the task name of event collection, as well as the name, description and algorithm version number of the event algorithm.

Event Collection / Event collection details

Vehicles are selected 23

Vehicle VIN

Output signal 1

Signal name

Task configuration

Task Name: test01

Vehicle 1

Forwarding platform: None

Storage space: 0G

Vehicle CPU Estimate: 0.3%

Vehicle memory estimate: 0.1M

Algorithm Name: Event algorithm - left back door

Algorithm description: 1

Version number: v1.0.0

Requirements binding

Requirement name: de0602

Proposer: Wang Zhijuan

## 5.3. Collection Copy

- Select a collection task and click Copy to enter the collection copy page.
- The vehicle model can be modified.
- The event algorithm can be modified.
- The task configuration can be modified.
- The task name must be modified to avoid duplication.
- Enter a new name and click Confirm. The newly copied collection task will appear in the list, and you can check its deployment status.

Task name	Collection type	Deployment status	Run the process	Vehicle type	Algorithm name	Algorithm version	Creator	Create a I...	operation
rjy-test-11	Vehicle collection	Not submitted	0/145	China	wzj-test	v1.0.2	Ren Jieyun	exdrj	modification
event_20251202_1	Vehicle collection	deployed	1/1	China	Diagnostic monitoring_lo...	v1.0.0	Wu Wanjing	exdw	modification
DE06_power loss early wa...	Model collection	deployed	7/23	HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw	modification
DE07_power loss early wa...	Model collection	deployed	15/39	HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw	modification
41421574cedcedwdcwed...	Vehicle collection	Not submitted	0/1	HEV	wzj-test	v1.0.2	Wang Zhijuan	exdw	modification
zkf_event-20251125-v1	Vehicle collection	deployed	1/1	China	Event algorithm - left bac...	v1.0.0	Zheng Kaifeng	exdz	modification
de25	Vehicle collection	Not submitted	0/1	HEV	wzj-test	v1.0.2	Wang Zhijuan	exdw	modification
zkf_event - Performance 1	Vehicle collection	deployed	1/1	China	Event algorithm tj-d	v1.1.19	Zheng Kaifeng	exdz	modification
test01_copy	Vehicle collection	Not submitted	0/1	HEV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw	modification
test01	Vehicle collection	deployed	0/23	HEV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw	modification

A total of 33 articles

Event Collection / Replicate vehicle acquisition

Event Collection

Select a vehicle/group/model

Select Events

Algorithmic information

version

operation

Task name: rjy-test-11

Forwarding platform:

Requirements binding:

Cloud Storage (G): 0.01

Vehicle-side CPU Estimate (%): 0.9

Vehicle Memory Estimation (M): 0.3

Input signal: ADAS1\_CANFD.ABM1.AirbFallLmpCmd

Output signal: ADAS1\_CANFD.ABM1.Checksum\_ABM1,1w2sde,s qsd

## 5.4. Collection Modification

- For vehicle collection tasks in the "Unsubmitted" or "Deployed" status, click Modify in the list to enter the collection modification page.
- For vehicle model collection tasks in the "Unsubmitted" status, click Modify in the list to enter the collection modification page. Tasks in the "Deployed" status cannot be modified.
- The vehicle model can be modified.
- The event algorithm can be modified.
- The task configuration can be modified.
- The task name cannot be modified.

Event Collection

Task name

Collection type

Deployment status

Run the process

Vehicle type

Algorithm name

Algorithm version

Creator

Create a la

operation

rjy-test-11

Vehicle collection

Not submitted

0/145

China

wzj-test

v1.0.2

Ren Jieyun

exdrj

modification

event\_20251202\_1

Vehicle collection

deployed

1/1

China

Diagnostic monitoring \_lo...

v1.0.0

Wu Wanjing

exdw1

modification

DE06\_power loss early wa...

Model collection

deployed

7/23

HEV

Power loss warning\_0909

v1.0.1

Wang Zhijuan

exdw2

modification

DE07\_power loss early wa...

Model collection

deployed

15/39

HEV

Power loss warning\_0909

v1.0.1

Wang Zhijuan

exdw2

modification

41421574cedcedcwcw...

Vehicle collection

Not submitted

0/1

HEV

wzj-test

v1.0.2

Wang Zhijuan

exdw2

modification

zkd\_event-20251125-v1

Vehicle collection

deployed

1/1

China

Event algorithm - left bac...

v1.0.0

Zheng Kaileng

exdzk

modification

de2s

Vehicle collection

Not submitted

0/1

HEV

wzj-test

v1.0.2

Wang Zhijuan

exdw2

modification

zkd\_event - Performance 1

Vehicle collection

deployed

1/1

China

Event algorithm tj-d

v1.1.19

Zheng Kaileng

exdzk

modification

test01\_copy

Vehicle collection

Not submitted

0/1

EV

Event algorithm - left bac...

v1.0.0

Wang Zhijuan

exdw2

modification

test01

Vehicle collection

deployed

0/23

HEV

Event algorithm - left bac...

v1.0.0

Wang Zhijuan

exdw2

modification

Note: Vehicle model collection tasks in the deployed status cannot be modified.

## 5.5 More Operations '..."

Click the "..." in the operation column to access more operations.

1. Run: Rerun the task on all vehicles and update the deployment status.
2. Stop: Stop the task on all vehicles and update the deployment status.
3. Urge Approval: Send a message via the interface to urge the approver to review the task.
4. Withdraw Application: Send a message via the interface to withdraw the approval application.
5. View Status: Pop up a dialog box to display the approval status.

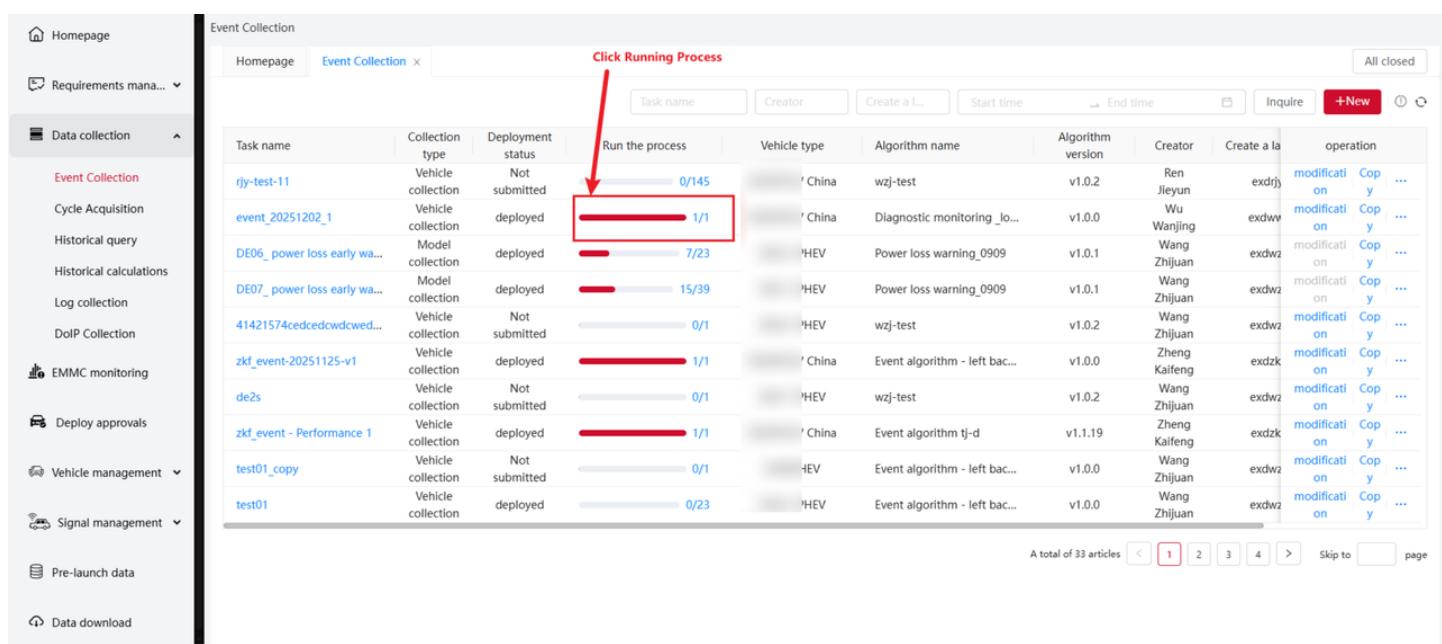
Task name	Collection type	Deployment status	Run the process	Vehicle type	Algorithm name	Algorithm version	Creator	Create a la...	operation
rjy-test-11	Vehicle collection	Not submitted	<div style="width: 0%;">0/145</div>	China	wzj-test	v1.0.2	Ren Jieyun	exdj1	<span>modification</span>
event_20251202_1	Vehicle collection	deployed	<div style="width: 100%;">1/1</div>	China	Diagnostic monitoring _lo...	v1.0.0	Wu Wanjing	exdw1	<span>modification</span>
DE06_power loss early wa...	Model collection	deployed	<div style="width: 10%;">7/23</div>	EV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw2	<span>modification</span>
DE07_power loss early wa...	Model collection	deployed	<div style="width: 10%;">15/39</div>	EV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw2	<span>modification</span>
41421574cededcwcw...	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	EV	wzj-test	v1.0.2	Wang Zhijuan	exdw2	<span>modification</span>
zkf_event-20251125-v1	Vehicle collection	deployed	<div style="width: 10%;">1/1</div>	China	Event algorithm - left bac...	v1.0.0	Zheng Kaifeng	exdk1	<span>Run</span>
de2s	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	EV	wzj-test	v1.0.2	Wang Zhijuan	exdw2	<span>Stop It</span>
zkf_event - Performance 1	Vehicle collection	deployed	<div style="width: 10%;">1/1</div>	China	Event algorithm tj-d	v1.1.19	Zheng Kaifeng	exdk2	<span>Urge</span>
test01_copy	Vehicle collection	Not submitted	<div style="width: 0%;">0/1</div>	EV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw2	<span>Withdrawn</span>
test01	Vehicle collection	deployed	<div style="width: 10%;">0/23</div>	EV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw2	<span>Check the status</span>

## 5.5.1 Button Status

- Unsubmitted: The functions of Urge Approval, Withdraw Application and View Status are unclickable.
- Under GWM Review: The functions of Urge Approval, Withdraw Application and View Status are clickable.
- GWM Approved: The function of View Status is clickable, while Urge Approval and Withdraw Application are unclickable.
- GWM Rejected: The function of View Status is clickable, while Urge Approval and Withdraw Application are unclickable.
- Under Review: The function of View Status is clickable, while Urge Approval and Withdraw Application are unclickable.
- Rejected: The function of View Status is clickable, while Urge Approval and Withdraw Application are unclickable.
- Deployed: The function of View Status is clickable, while Urge Approval and Withdraw Application are unclickable.

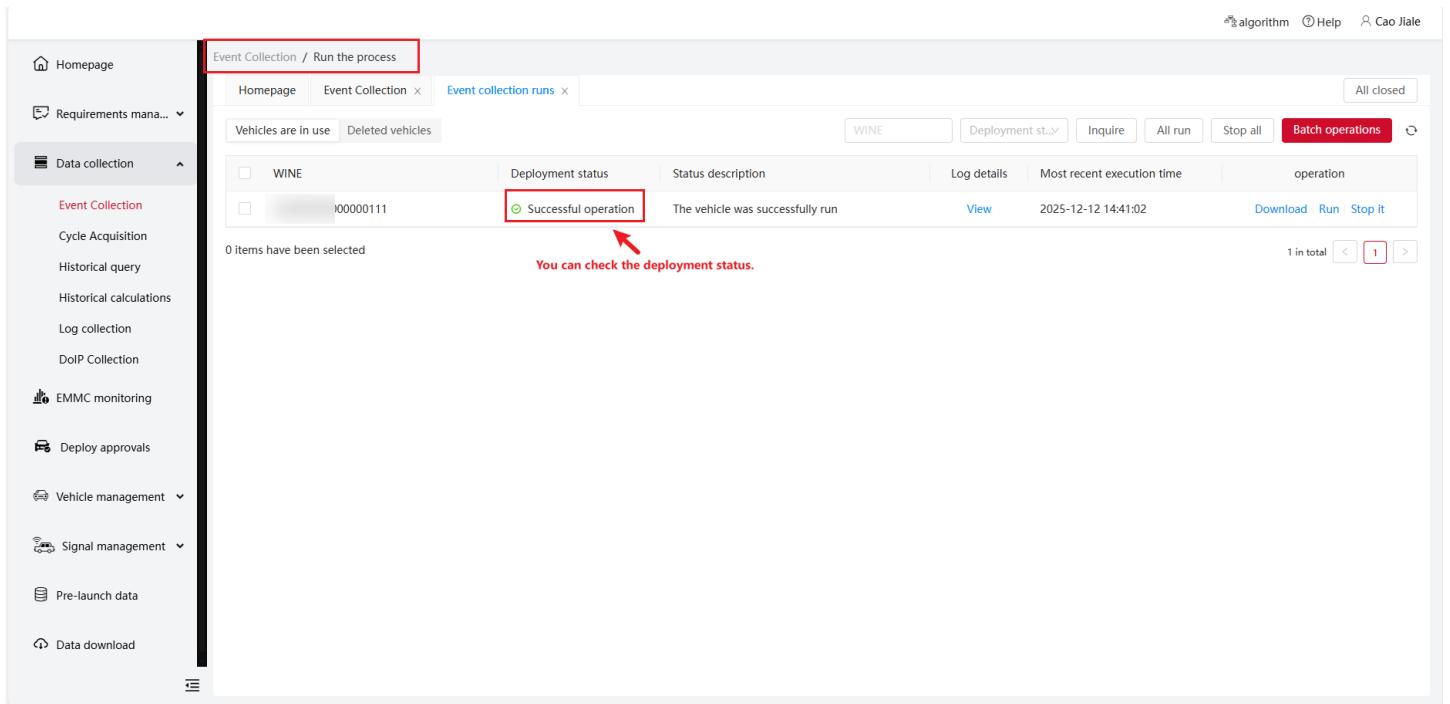
## 5.6 Event Collection Secondary Page

Click "Running Process" in the collection task list to enter the event collection secondary page. You can view the deployment status of each vehicle under the task and the executable operations (operations are displayed in blue when executable, and grayed out when not executable), as shown in the figure below:



The screenshot shows the 'Event Collection' secondary page. On the left, a sidebar lists various data collection and management modules. The main area displays a table of tasks. A red arrow points to the 'Run the process' button for the first task in the list, which has a 'Deployment status' of 'Not submitted'. The table includes columns for Task name, Collection type, Deployment status, Run the process (button), Vehicle type, Algorithm name, Algorithm version, Creator, Create a la (button), and operation (button). The 'Run the process' button is highlighted with a red box and a red arrow pointing to it. The 'operation' button for the same row is also highlighted with a red box.

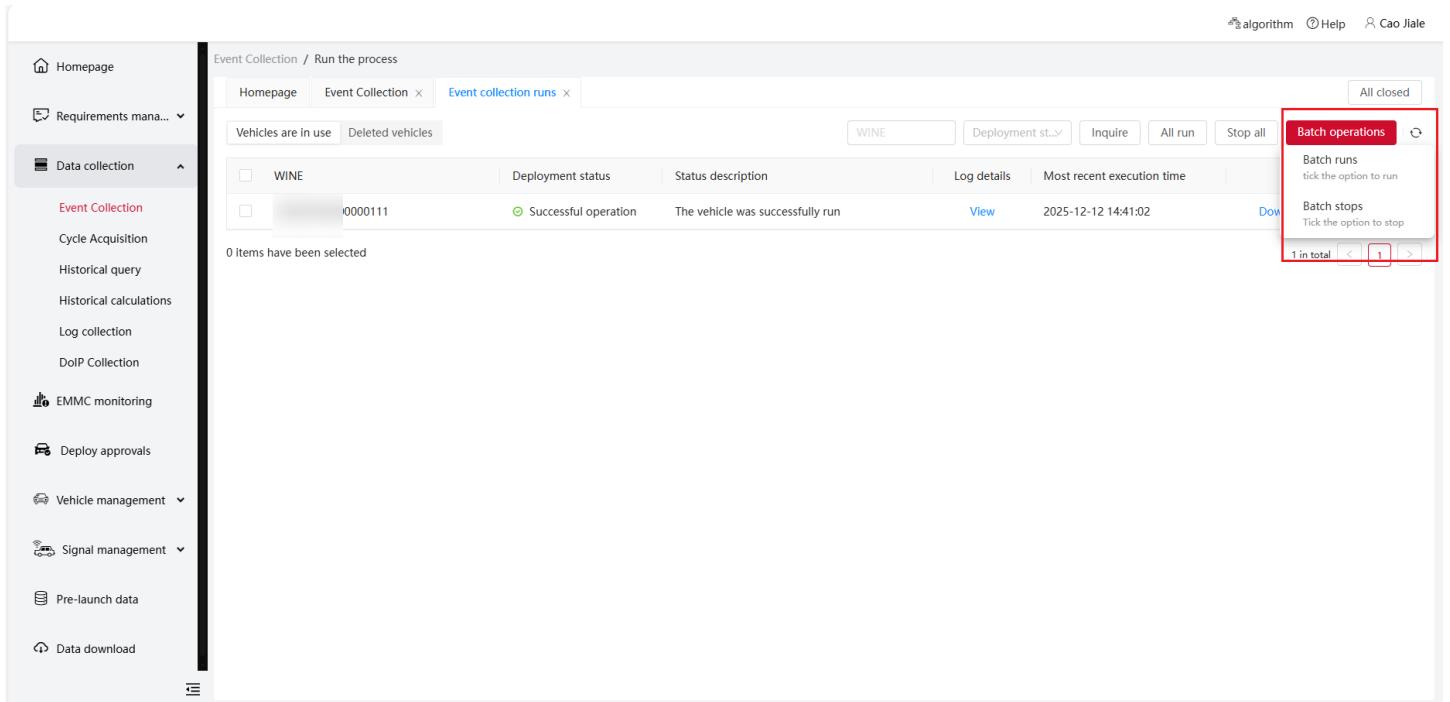
Task name	Collection type	Deployment status	Run the process	Vehicle type	Algorithm name	Algorithm version	Creator	Create a la	operation
rjy-test-11	Vehicle collection	Not submitted	0/145	' China	wzj-test	v1.0.2	Ren Jieyun	exdrj	modification Copy ...
event_20251202_1	Vehicle collection	deployed	1/1	' China	Diagnostic monitoring_lo...	v1.0.0	Wu Wanjing	exdwv	modification Copy ...
DE06_power loss early wa...	Model collection	deployed	7/23	'HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw2	modification Copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	'HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdw2	modification Copy ...
41421574cedcedcwcw...	Vehicle collection	Not submitted	0/1	'HEV	wzj-test	v1.0.2	Wang Zhijuan	exdw2	modification Copy ...
zkl_event-20251125-v1	Vehicle collection	deployed	1/1	' China	Event algorithm - left bac...	v1.0.0	Zheng Kaifeng	exdzk	modification Copy ...
de2s	Vehicle collection	Not submitted	0/1	'HEV	wzj-test	v1.0.2	Wang Zhijuan	exdw2	modification Copy ...
zkl_event - Performance 1	Vehicle collection	deployed	1/1	' China	Event algorithm tj-d	v1.1.19	Zheng Kaifeng	exdzk	modification Copy ...
test01_copy	Vehicle collection	Not submitted	0/1	'EV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw2	modification Copy ...
test01	Vehicle collection	deployed	0/23	'HEV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdw2	modification Copy ...



The screenshot shows the 'Event Collection / Run the process' interface. The left sidebar includes 'Homepage', 'Requirements mana...', 'Data collection' (selected), 'Event Collection', 'Cycle Acquisition', 'Historical query', 'Historical calculations', 'Log collection', 'DoIP Collection', 'EMMC monitoring', 'Deploy approvals', 'Vehicle management', 'Signal management', 'Pre-launch data', and 'Data download'. The main area has tabs for 'Homepage', 'Event Collection', and 'Event collection runs' (selected). It displays a table with columns: 'Vehicles are in use' (WINE), 'Deployment status' (Successful operation), 'Status description' (The vehicle was successfully run), 'Log details' (View), 'Most recent execution time' (2025-12-12 14:41:02), and 'operation' (Download, Run, Stop it). A red box highlights the 'Successful operation' status, and a red arrow points to the status description. A message 'You can check the deployment status.' is displayed below the table. The top right shows 'All closed' and a 'Batch operations' button.

## 5.6.1 Batch Operations

- Check the vehicles to perform Batch Run or Batch Stop on the selected vehicles, and the deployment status will be updated accordingly.
- A prompt "This operation is irreversible, please proceed with caution" will appear. Click Confirm to continue.

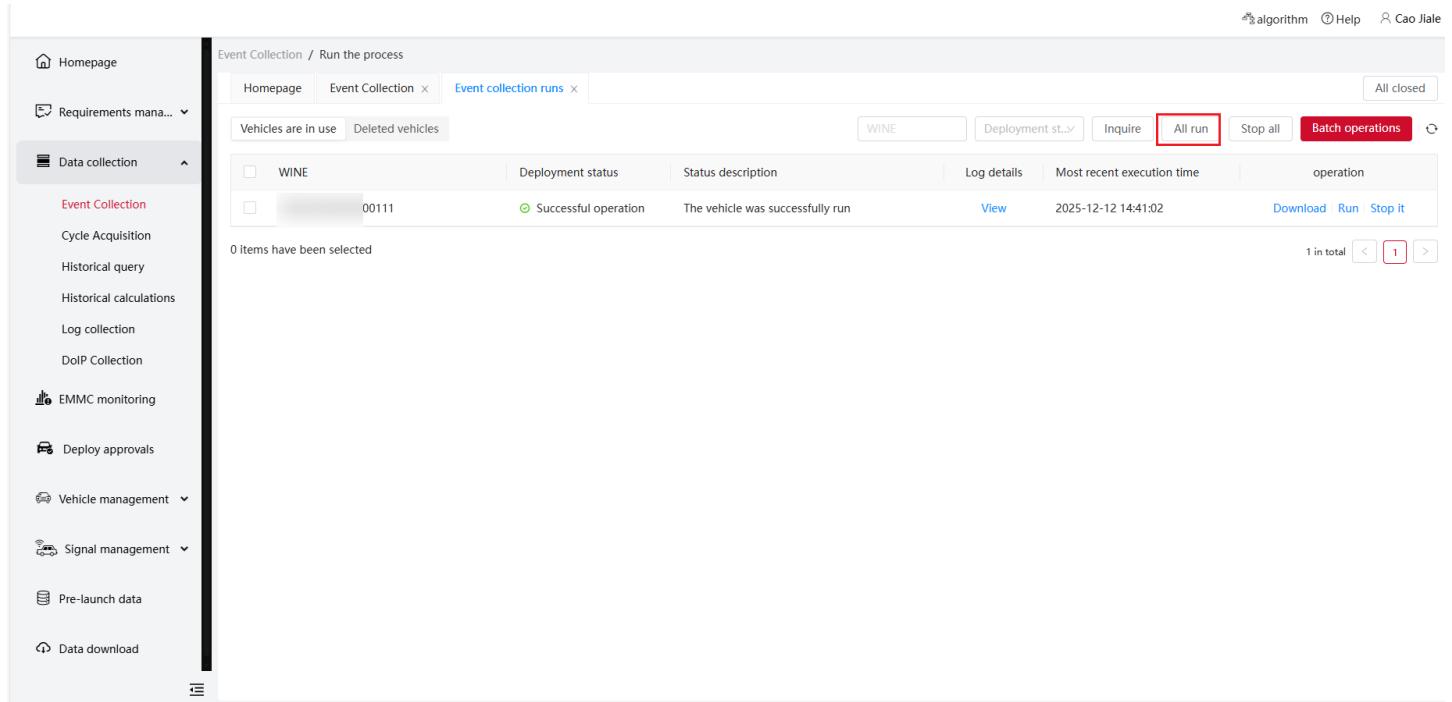


The screenshot shows the 'Event Collection / Run the process' interface with the 'Batch operations' menu open. The menu includes 'Batch runs' (with a note 'tick the option to run') and 'Batch stops' (with a note 'Tick the option to stop'). The main area is identical to the previous screenshot, showing the deployment status for vehicle WINE.

## 5.6.2 Run All

- Click Run All, a warning prompt will pop up. Click Confirm to proceed. It will retry all retryable vehicles in the list and update the deployment status, which is the same as data collection.

- When there are no runnable vehicles in the list, the prompt "No eligible vehicles" will appear.

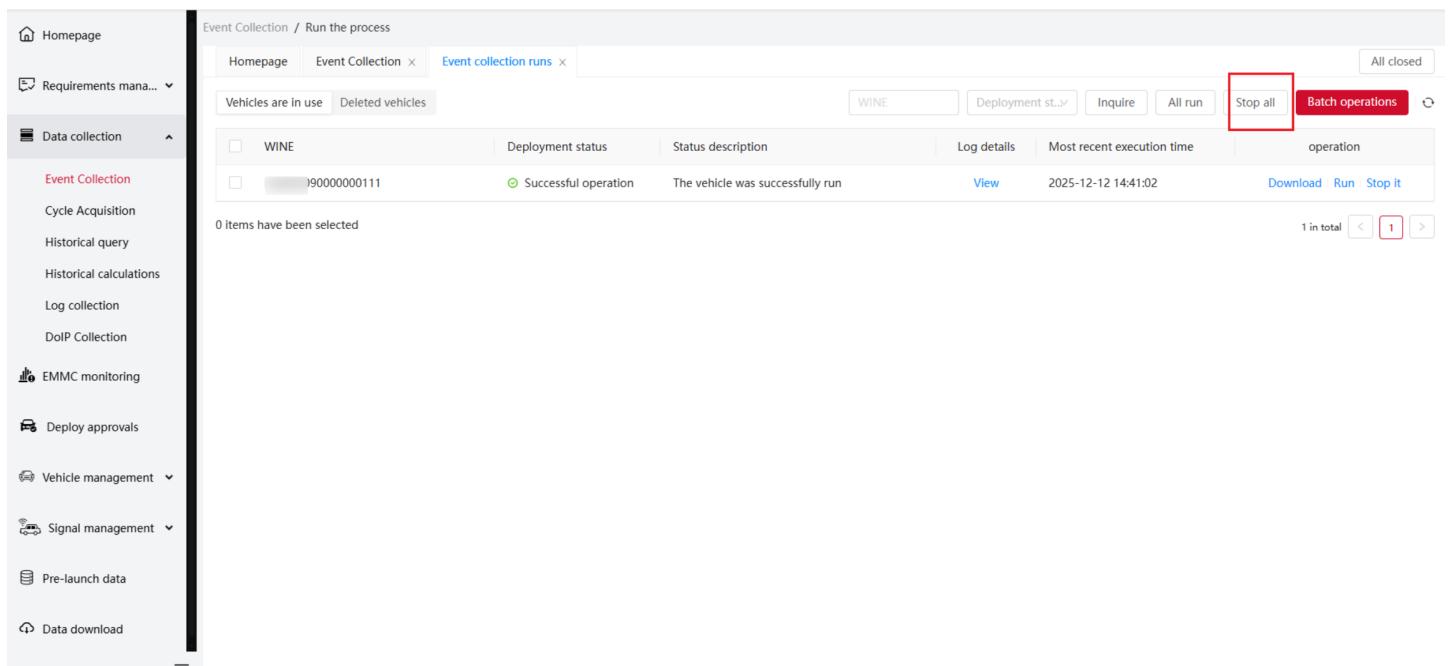


The screenshot shows the 'Event Collection / Run the process' page. The left sidebar has a 'Data collection' section with 'Event Collection' selected. The main area shows a table with one row of data. The table columns are: WINE, Deployment status, Status description, Log details, Most recent execution time, and operation. The data row shows: WINE (00111), Deployment status (Successful operation), Status description (The vehicle was successfully run), Log details (View), Most recent execution time (2025-12-12 14:41:02), and operation (Download Run Stop it). A red box highlights the 'All run' button in the top right of the table header.

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
00111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 14:41:02	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

### 5.6.3 Stop All

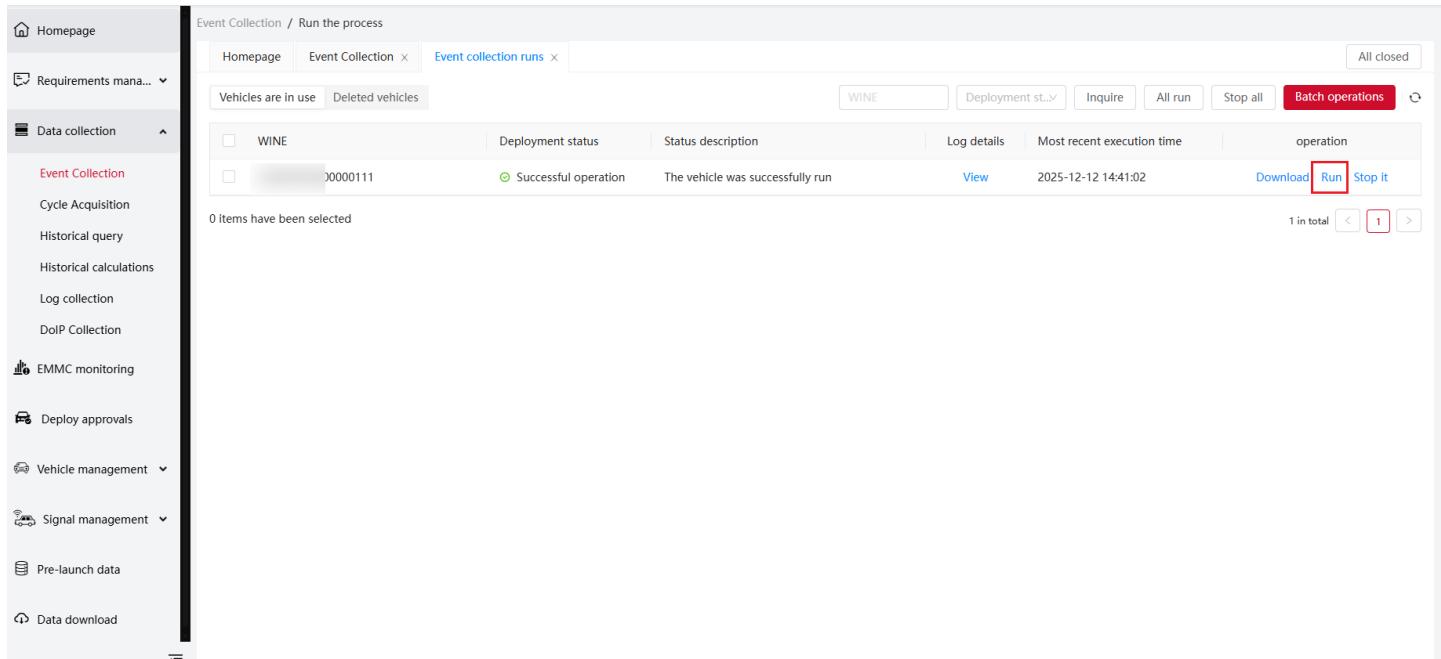
- Click "Stop All" and a warning prompt will appear. Click "Confirm" to proceed. This will stop all stoppable vehicles in the list and update the deployment status, which is the same as the process for data collection.
- If there are no eligible vehicles when attempting to stop, the prompt "No eligible vehicles" will be displayed, which is consistent with the behavior of the "Start All" function.



The screenshot shows the same 'Event Collection / Run the process' page as the previous one, but with a red box highlighting the 'Stop all' button in the top right of the table header. The table data is identical to the previous screenshot.

### 5.6.4 Operation - Run

When a vehicle is in a runnable state, click "Run" to retry the vehicle and update its deployment status.



Event Collection / Run the process

Homepage Event Collection Event collection runs

Vehicles are in use Deleted vehicles

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
00000111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 14:41:02	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

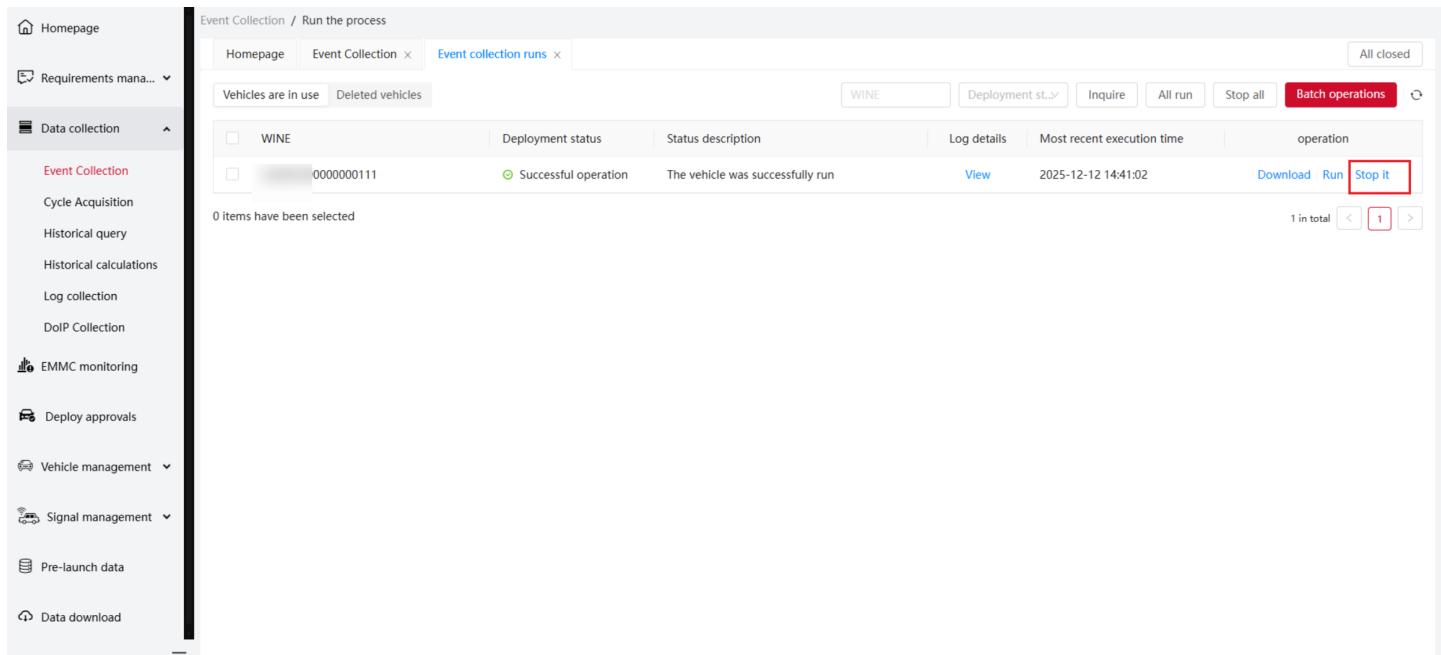
0 items have been selected

1 in total < 1 >

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

## 5.6.5 Operation - Stop

When the vehicle is in a stoppable state, click Stop to stop the vehicle and update its deployment status.



Event Collection / Run the process

Homepage Event Collection Event collection runs

Vehicles are in use Deleted vehicles

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
0000000111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 14:41:02	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

0 items have been selected

1 in total < 1 >

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

## 5.6.6 Operation - Download

In the event collection secondary page, select the data of the vehicle to be downloaded and click Download in the list operations to jump to and open the download page. This page includes a query and download function bar and a data list, as shown in the figure below.

Event Collection / Run the process

Homepage Event Collection Event collection runs

WINE Deployment status Status description Log details Most recent execution time operation

000111 Successful operation The vehicle was successfully run View 2025-12-12 14:41:02 Download Run Stop It

1 in total 1

Jump to and open this page (the breadcrumb path displays Data Download):

- Time and VIN filtering are supported, and multiple VINs can be selected.
- Batch download of selected data is available, with the option to choose the corresponding download format.
- Operation: Download.
- Click Download in the operations to download the vehicle data.

Event Collection / Run the process / Data download

Homepage Event Collection Event collection runs Event collection data download

Trigger time WINE LGWDE0900000000111 Inquire Download format Batch downloads

VIN number	Data type	Path/Outcome	Data status	matrix version	Trigger time	Data start time
000111	vsw	<a href="#">View</a>	Success		2025-12-04 13:56:34.517	2025-12-04 13:56:04
000111	vsw	<a href="#">View</a>	Success		2025-11-28 18:51:42.062	2025-11-28 18:51:12
000111	vsw	<a href="#">View</a>	Success		2025-11-28 18:37:41.311	2025-11-28 18:37:11
000111	vsw	<a href="#">View</a>	Success		2025-11-28 16:23:45.050	2025-11-28 16:23:15
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:25:40.545	2025-11-28 15:25:10
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:25:25.545	2025-11-28 15:24:55
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:25:10.545	2025-11-28 15:24:40
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:24:50.296	2025-11-28 15:24:20
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:24:30.796	2025-11-28 15:24:00
000111	vsw	<a href="#">View</a>	Success		2025-11-28 15:24:15.045	2025-11-28 15:23:45

0 items have been selected A total of 7,799 articles 1 2 3 4 5 ... 780 Skip to page

## 6. Periodic Collection

Periodic collection refers to data collection triggered by users at fixed time intervals. Users need to set in advance the signals, time intervals and other information for periodic collection, and issue the periodic collection rules to the vehicle end. Within the specified time period, data will be collected and uploaded to the cloud.

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	<div style="width: 15/39px;">15/39</div>	1PHEV	30s	2030-11-30 13:16:27	Wang Zhijuan	<a href="#">modification</a> <a href="#">Copy</a> <a href="#">...</a>
DE06 - excluding pure electric	Model collection	deployed	<div style="width: 7/23px;">7/23</div>	1PHEV	30s	2030-11-30 13:15:12	Wang Zhijuan	<a href="#">modification</a> <a href="#">Copy</a> <a href="#">...</a>
DE08HEV China - Cyclical data...	Model collection	deployed	<div style="width: 28/30px;">28/30</div>	1PHEV	30s	2026-09-30 17:37:26	Wang Zhijuan	<a href="#">modification</a> <a href="#">Copy</a> <a href="#">...</a>
DE09HEV China - Cyclical data...	Model collection	deployed	<div style="width: 55/91px;">55/91</div>	EV China	30s	2026-09-30 17:37:26	Wang Zhijuan	<a href="#">modification</a> <a href="#">Copy</a> <a href="#">...</a>

1. Clicking the list name allows you to jump to the periodic collection details page.
2. Clicking the deployment status in the list allows you to jump to the secondary interface for batch operations: Run/Stop.
3. Click Create Collection to enter the event collection creation page.
4. Click the Refresh button to refresh the list.
5. Enter the task name and time to filter periodic collection tasks.
6. For deployed periodic collection tasks, the column operations include Modify and Copy.
7. Unsubmitted: Modify and Copy are clickable; Run, Stop, Urge Approval, Withdraw Application and View Status are grayed out and unclickable.
8. Pending Approval: Modify is clickable; Run and Stop are grayed out and unclickable.
9. Under GWM Review: Modify and Run are grayed out and unclickable; Copy, Urge Approval, Withdraw Application and View Status are clickable.
10. GWM Rejected: Modify, Run, Urge Approval and Withdraw Application are grayed out and unclickable; Copy and View Status are clickable.
11. Deployed: Modify, Copy, Run, Stop and View Status are clickable; Urge Approval and Withdraw Application are grayed out and unclickable.

## 6.1 Create Collection

Click New in the upper right corner, select Vehicle Collection or Vehicle Model Collection to enter the collection creation page, as shown below:

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operations
DE07 series	Model collection	deployed	15/39	PHEV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...
DE06 - excluding pure electric	Model collection	deployed	7/23	PHEV	30s	2030-11-30 13:15:12	Wang Zhijuan	modification Copy ...
DE08HEV China - Cyclical data...	Model collection	deployed	28/30	PHEV	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...
DE09HEV China - Cyclical data...	Model collection	deployed	55/91	V China	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...

## 6.1.1 Create Vehicle Collection

Click Vehicle Collection to enter the Vehicle Collection creation page.

Cycle Acquisition / Create a vehicle acquisition

Task Configuration	Selected Vehicles	Selected Signal
* Task name: Task name		
* Data reporting cycle: 30s		
Forwarding platform:		
Requirements binding:		
Storage Space (G): 0		
Vehicle-side CPU Estimate (%): 0		
Vehicle Memory Estimation (M): 0		
* End time: End time		

### 6.1.1.1 Configure Vehicle Selection

- Directly click the Group Name under the vehicle group to expand the vehicles in that group. Then click the Checkbox to select the vehicles for which data collection will be created.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Sampling period: 100ms

Select the signal: v2.6.0

Bus: Bus

Sig: Sig

Signal name: ADAS1\_CANFD.ABM1.AirbFailLmpCmd, ADAS1\_CANFD.ABM1.Checksum\_ABM1, ADAS1\_CANFD.ABM1.CrashOutputsts, ADAS1\_CANFD.ABM1.DrvSBR, ADAS1\_CANFD.ABM1.DrvsBR\_Visual, ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1, ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1, ADAS1\_CANFD.ABM1.PABSwtsts, ADAS1\_CANFD.ABM1.PassSBLocksts, ADAS1\_CANFD.ABM1.PassSBR\_Visual, ADAS1\_CANFD.ABM1.RollingCounter\_ABM1

Task Configuration: Task name, Data reporting cycle (30s), Forwarding platform, Requirements binding, Storage Space (0), Vehicle-side CPU Estimate (0), Vehicle Memory Estimation (0), End time

Save, Submit for review, Cancel

- Click the "Select Vehicles and Groups" search box, enter the VIN or group name. The relevant vehicles/groups will be displayed in the list below, and fuzzy search is supported.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Sampling period: 100ms

Select the signal: v2.6.0

Bus: Bus

Sig: Sig

Signal name: ADAS1\_CANFD.ABM1.AirbFailLmpCmd, ADAS1\_CANFD.ABM1.Checksum\_ABM1, ADAS1\_CANFD.ABM1.CrashOutputsts, ADAS1\_CANFD.ABM1.DrvSBR, ADAS1\_CANFD.ABM1.DrvsBR\_Visual, ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1, ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1, ADAS1\_CANFD.ABM1.PABSwtsts, ADAS1\_CANFD.ABM1.PassSBLocksts, ADAS1\_CANFD.ABM1.PassSBR\_Visual, ADAS1\_CANFD.ABM1.RollingCounter\_ABM1

Task Configuration: Task name, Data reporting cycle (30s), Forwarding platform, Requirements binding, Storage Space (0), Vehicle-side CPU Estimate (0), Vehicle Memory Estimation (0), End time

Save, Submit for review, Cancel

- Click the checkbox next to the vehicle VIN to select the vehicle. The selected vehicles will be displayed in the "Selected Vehicles" section.

The screenshot shows the 'Create a vehicle acquisition' interface. On the left, the sidebar includes 'Cycle Acquisition' under 'Data collection'. The main area shows a list of vehicles: '0000000111' (selected), '90000000111', and 'cs'. The 'Vehicle type' section is collapsed. On the right, the 'TASK CONFIGURATION' tab is selected, showing a table with one row: 'All canceled' and '00111'. A red box highlights this table, and a red arrow points to the 'Display selected vehicles' button.

- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box next to it.

The screenshot shows the 'Create a vehicle acquisition' interface with the 'Vehicle type' section expanded. The list includes 'DE09PHEV China' (selected) and '1000111'. The 'TASK CONFIGURATION' tab is selected, showing a table with one row: 'Task name' and '30s'. A red box highlights the expanded 'Vehicle type' section.

### 6.1.1.2 Configure Signal Selection

After selecting a signal, a Signal Version selection box will be displayed. Click the drop-down menu to expand the released signal versions. Select different signal versions to choose the signals to be collected under the corresponding version (the version must be consistent with the signal matrix version of the vehicle end for collection).

The screenshot shows the 'Create a vehicle acquisition' interface. On the left, a sidebar menu includes 'Cycle Acquisition' under 'Data collection'. The main area shows a list of signals with checkboxes. A red box highlights the 'Select the signal' dropdown set to 'v2.6.0'. To the right, a 'TASK CONFIGURATION' panel is displayed with various fields for task setup.

- The default signal selection mode is Conditional Filtering, and the signals that meet all the conditions will be displayed below.
- Click the checkbox next to a signal to select it; click the checkbox next to Signal Name to select all signals.
- The selected signals will be displayed in the "Selected Signals" section.

The screenshot shows the 'Create a vehicle acquisition' interface. The 'SELECTED SIGNAL' section on the right is highlighted with a red box, showing selected signals: 'BD2\_CAN, AMP5\_IESS1, IESS\_SwitchModel'. A red box also highlights the 'Display all selected signals' link.

- Click "Signal Group" to select signals.
- Click the checkbox next to a signal to select it; click the checkbox next to "Signal Group Name" to select all signals in the group.
- The selected signals will be displayed in the "Selected Signals" section.

Homepage Requirements mana... Data collection Event Collection **Cycle Acquisition** Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Cycle Acquisition / Create a vehicle acquisition

Homepage Cycle Acquisition **Create a cycle acquisition** All closed

Select a vehicle/group/model

Sampling period: 100ms

Select the signal v2.6.0

Signal grouping

Click the signal group and check all signals.

Task Configuration Selected Vehicles **SELECTED SIGNAL**

Sample Period: 100ms (5)

ADAS1\_CANFD.ABM1.DrvSBR  
ADAS1\_CANFD.ABM1.CrashOutputSts  
ADAS1\_CANFD.ABM1.AirbagLmpCmd  
ADAS1\_CANFD.ABM1.Checksum\_ABM1  
BD2\_CAN.AMP5\_IESS\_1.IESS\_SwitchModel

Display all selected signals

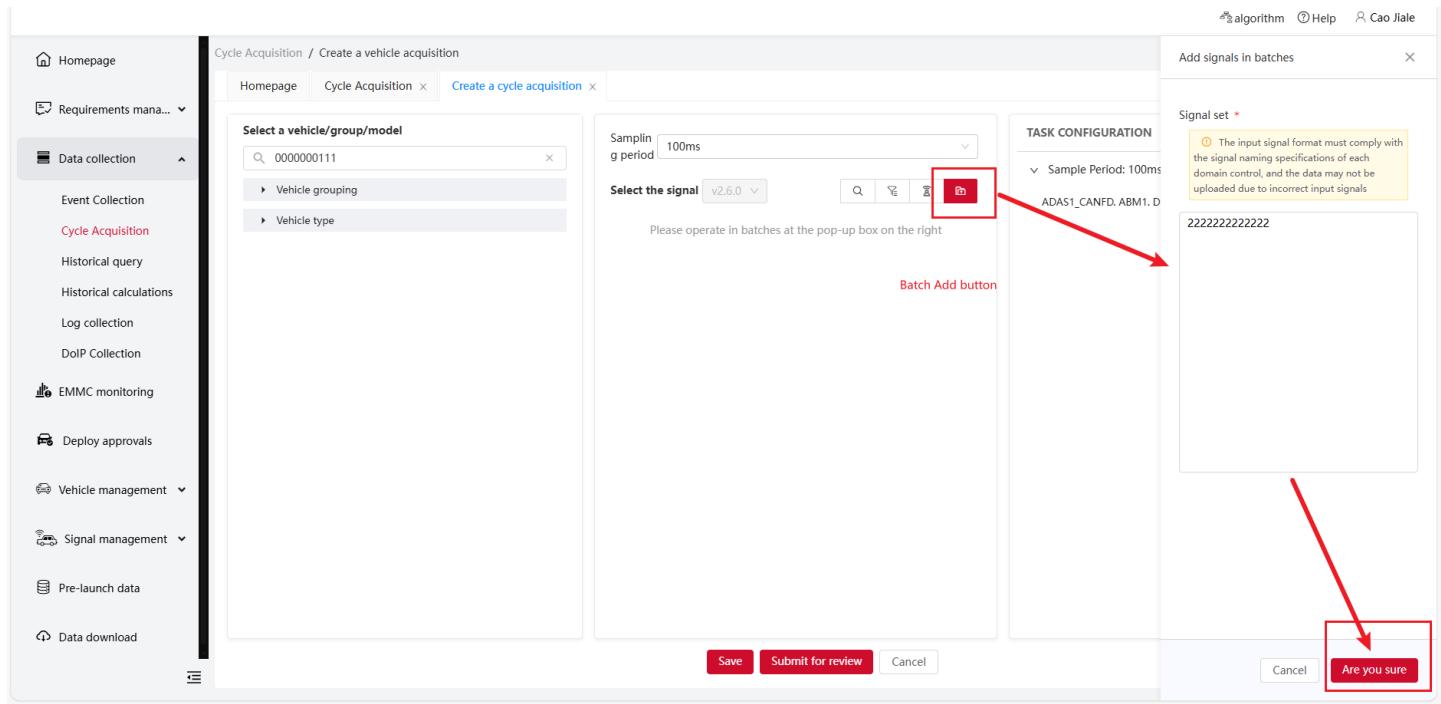
Save Submit for review Cancel

- Click the "Search Signals by Signal Name" icon to switch to the corresponding function.
- Enter the signal name in the search box to query the corresponding signal by name.

Click to search by signal name and check the target signals.

Signal name	Selected
ADAS1_CANFD.ABM1.DrvSBR	<input checked="" type="checkbox"/>
ADAS1_CANFD.ABM1.DrvSBR_Visual	<input type="checkbox"/>
BD2_CAN.ABM1.DrvSBR	<input type="checkbox"/>
BD2_CAN.ABM1.DrvSBR_Visual	<input type="checkbox"/>
CC_CANFD.ABM1.DrvSBR	<input type="checkbox"/>
PR_CANFD.ABM1.DrvSBR	<input type="checkbox"/>
PT_CANFD.ABM1.DrvSBR	<input type="checkbox"/>
SC_CANFD.ABM1.DrvSBR	<input type="checkbox"/>
SC_CANFD.ABM1.DrvSBR_Visual	<input type="checkbox"/>

- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, and click "Confirm" to add the signals in batches.



### 6.1.1.3 Task Configuration

- Click the Task Name input box and enter a task name. It supports Chinese characters, numbers, letters, hyphens and underscores. Task names for data collection cannot be duplicated.
- Click the Data Reporting Cycle selection box and select a cycle. The unit is seconds, and this field is mandatory.
- Click the Forwarding Platform selection box to choose target platforms. Multiple selections are allowed, and this field is optional.
- To bind requirements with associated vehicles, you need to select the vehicles first. Then obtain the requirement list for the corresponding vehicle model and select the required items.
- Select an end time. This field is mandatory. *(Note: The end time must be set at least one hour later than the current time.)*

The screenshot shows the 'Create a vehicle acquisition' interface. On the left, a sidebar lists various data collection and management options. The main area is titled 'Create a vehicle acquisition' and contains sections for 'Select a vehicle/group/model' (with a search bar for '0000000111') and 'Automatically estimate the required resources based on the selected signals'. A list of signals is shown, with 'ADAS1\_CANFD.ABM1.DrvSBR' selected (indicated by a checked checkbox). On the right, a 'TASK CONFIGURATION' panel is open, showing fields for 'Task name', 'Data reporting cycle' (set to 30s), 'Forwarding platform', 'Requirements binding', 'Storage Space (G)' (0), 'Vehicle-side CPU Estimate (%)' (0.3), 'Vehicle Memory Estimation (M)' (0.1), and 'End time'. A red box highlights the 'TASK CONFIGURATION' panel, and a red arrow points from the selected signal in the signal list to the 'Storage Space (G)' field in the configuration panel.

- In the "Selected Vehicles" list, the number of selected vehicles and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox on the left will be unchecked synchronously. Click "Deselect All" to clear all vehicle selections.

The screenshot shows the 'Create a vehicle acquisition' interface. The left sidebar is identical to the previous screenshot. The main area shows the signal selection list with 'ADAS1\_CANFD.ABM1.DrvSBR' selected. On the right, the 'TASK CONFIGURATION' panel is open, showing the same configuration fields as the previous screenshot. A red box highlights the 'TASK CONFIGURATION' panel, and a red arrow points from the selected signal in the signal list to the 'Storage Space (G)' field in the configuration panel. Additionally, a red box highlights the 'SELECTED SIGNALS' list on the right, and a red arrow points to the 'Delete' button (a small trash icon) next to the selected signal entry.

- In the "Selected Signals" list, the number of selected signals and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over an entry in the "Selected Signals" list, and a "Delete" button will appear. Click it to remove the selected signal, and the corresponding checkbox on the left will be unchecked synchronously. Click "Deselect All" to clear all signal selections.

- After completing the configuration, click the Save button to save the data of this periodic collection task. The task will not be distributed or deployed immediately. You can re-enter the page to modify and deploy the task later.
- Click the Submit for Approval button to submit the task for review. Once approved, the task can be distributed to the vehicle end.
- Click Cancel to exit the collection task creation page without creating the current collection task.

## 6.1.2 Create Vehicle Model Collection

Click "Vehicle Model Collection" to enter the Vehicle Model Collection creation page.

## 6.1.2.1 Configure Vehicle Selection

Only vehicle models are available for selection, and single selection is mandatory.

## 6.1.2.2 Configure Signal Selection

After selecting signals, the Signal Version selection box will be displayed. Click the dropdown to expand the list of published signal versions. Select different signal versions to collect signals under the corresponding version (the version must be consistent with the signal matrix version of the target vehicle end).

The screenshot shows the 'Create a cycle acquisition' interface. On the left, a sidebar lists various data collection and management options. The main area is titled 'Select the car model' and shows a list of vehicle models. On the right, there are two sections: 'TASK CONFIGURATION' and 'SELECTED SIGNAL'. The 'TASK CONFIGURATION' section includes fields for 'Task name', 'Data reporting cycle', 'Forwarding platform', 'Requirements binding', 'Storage Space (G)', 'Vehicle-side CPU Estimate (%)', 'Vehicle Memory Estimation (M)', and 'End time'. The 'SELECTED SIGNAL' section shows a table of signals with checkboxes. A red box highlights the 'Select the signal' dropdown menu, which is set to 'v2.6.0'. Below the dropdown are fields for 'Bus' (set to 'Bus') and 'Sig' (set to 'Sig'). A search bar and a 'Report the name of the article' field are also present. The table of signals includes rows like 'ADAS1\_CANFD.ABM1.AirbFailLmpCmd', 'ADAS1\_CANFD.ABM1.Checksum\_ABM1', etc. At the bottom are 'Save', 'Submit for review', and 'Cancel' buttons.

- The default signal selection mode is "Conditional Filtering", and signals that meet all the conditions will be displayed below.
- Click the signal checkbox to select a specific signal; click the Signal Name checkbox to select all signals.
- The "Selected Signals" section displays the checked signals.

The screenshot shows the 'Create a cycle acquisition' interface. The left sidebar and main 'Select the car model' area are identical to the previous screenshot. On the right, the 'TASK CONFIGURATION' and 'SELECTED SIGNAL' sections are present. A red box highlights the 'Report the name of the article' field, which contains 'ECM1'. A red arrow points from this field to the 'Selected Signals' section, which is enclosed in a red box. This section shows a table of signals with checkboxes. A red box highlights the 'Signal name' checkbox, which is checked. Below the table is the text 'Filter signals based on conditions, select the signals.' At the bottom are 'Save', 'Submit for review', and 'Cancel' buttons.

- Click "Signal Group" to select signals.
- Click the signal checkbox to select a specific signal; click the Signal Group Name checkbox to select all signals.
- The "Selected Signals" section displays the checked signals.

Click the Signal Group and check the signals of the selected group.

Sample period: 100ms

Select the signal: v2.6.0

Signal grouping: CS

Selected signals (checkboxes checked):

- ADAS1\_CANFD.ABM1.DrvSBR
- ADAS1\_CANFD.ABM1.CrashOutputSts
- ADAS1\_CANFD.ABM1.AirbFailLmpCmd
- ADAS1\_CANFD.ABM1.Checksum\_ABM1
- BD\_CANFD.ECM1.EngSpd

Save, Submit for review, Cancel

- Click the "Search Signals by Signal Name" icon to switch to the corresponding function.
- Enter the signal name in the search box to query the corresponding signal based on the name.

Click to search by signal name and check the signals.

Sample period: 100ms

Select the signal: v2.6.0

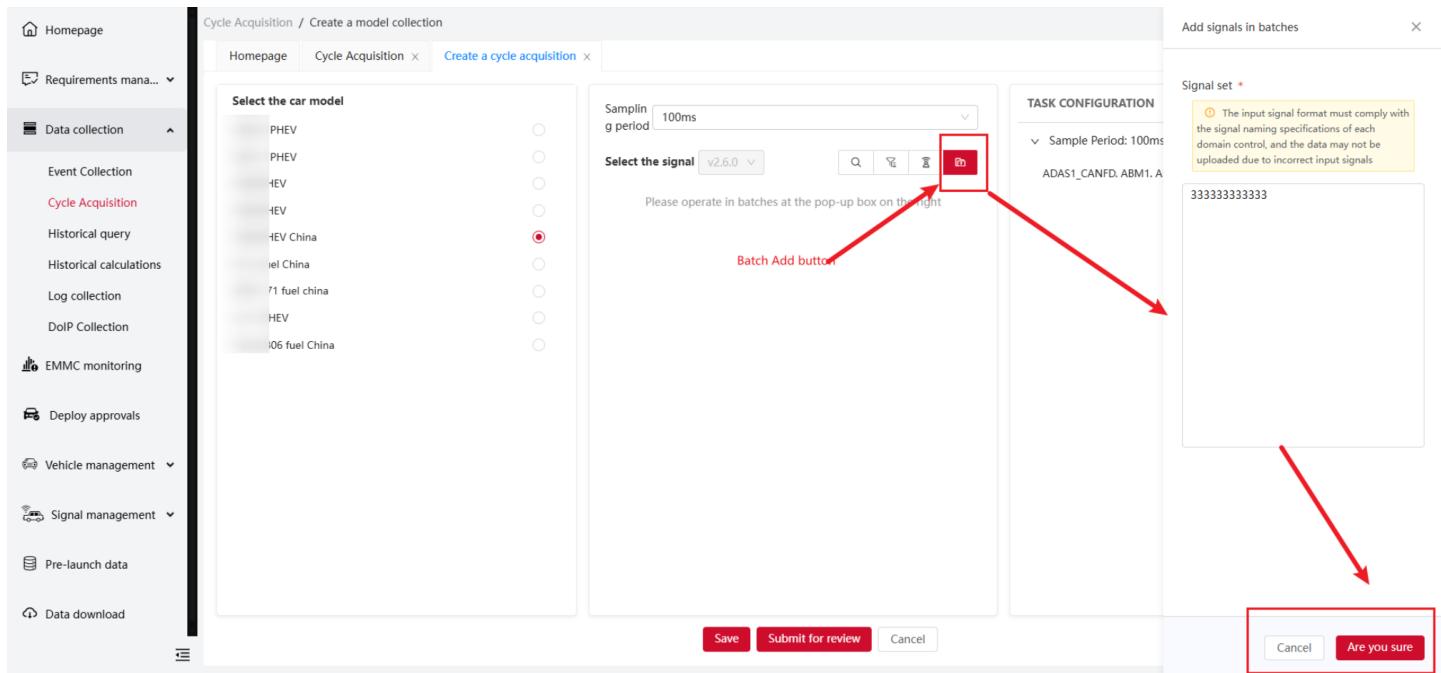
Signal name: ADAS1\_CANFD.ABM1.AirbFailLmpCmd

Selected signals (checkboxes checked):

- ADAS1\_CANFD.ABM1.AirbFailLmpCmd

Save, Submit for review, Cancel

- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, and click "Confirm" to add the signals in batches.



### 6.1.2.3 Task Configuration

- Click the Task Name input box and enter a task name. It supports Chinese characters, numbers, letters, as well as hyphens and underscores. The name of a collection task must be unique.
- Click the Data Reporting Interval selection box to set the interval for data reporting. The unit is seconds, and this is a required field.
- Click the Forwarding Platform selection box to choose target platforms for data forwarding. Multiple selections are allowed, and this is an optional field.
- To bind requirements to the associated vehicle model, you need to first select the vehicle model, then retrieve the requirement list for this model and make your selections.
- After selecting the vehicles and signals, the system will calculate and display the required storage space, vehicle-side CPU usage, and vehicle-side memory usage.
- Select an end time for the task. This is a required field (Note: The end time must be set to at least one hour later than the current time).

The screenshot shows the 'Create a cycle acquisition' page. On the left, a sidebar lists various data collection and management options. The 'Cycle Acquisition' option is selected and highlighted with a red border. The main area is titled 'Create a cycle acquisition' and contains several configuration sections. One section is titled 'Select the car model' and shows a list of vehicle models. Another section is titled 'Select the signal' and shows a search interface with results for 'ADAS1\_CANFD.ABM1.AirbFailLmpCmd'. A third section is titled 'TASK CONFIGURATION' and contains fields for 'Task name', 'Data reporting cycle', 'Forwarding platform', 'Requirements binding', and resource estimates for 'Storage Space (G)', 'Vehicle-side CPU Estimate (%)', and 'Vehicle Memory Estimation (M)'. A red box highlights the 'Selected Signals' list, and a red arrow points from this list to the 'TASK CONFIGURATION' section, with the text 'Automatically estimate relevant resources based on the selected signals'.

- In the "Selected Signals" list, the number of selected signals and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over an entry in the "Selected Signals" list, and a "Delete" button will appear. Click it to remove the selected signal, and the corresponding checkbox on the left will be unchecked synchronously. Click "Deselect All" to clear all signal selections.

The screenshot shows the same 'Create a cycle acquisition' page as the previous one, but with annotations. A red box highlights the 'Selected Signals' list, and a red arrow points to the 'Deselect All' button with the text 'Click to deselect all signals'. Another red arrow points to a single signal entry with the text 'Click to deselect a single signal'.

- After the configuration is completed, click the Save button to save the data of this periodic collection task. The task will not be distributed or deployed, and you can re-enter the page to modify and deploy it.
- Click the Submit for Review button to submit the application. After the review is approved, the task can be distributed to the vehicle side.

- Click Cancel to exit the collection creation page without creating this collection task.

## 6.2. View Collection Task Details

Click the Task Name to view the details of the current collection task.

- Displays the selected vehicles, signals, and task configurations.
- The task configuration shows the periodic collection task name, data parsing version, data reporting cycle, downsampling cycle, forwarding platform, and query time.

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	15/39	HEV	30s	2030-11-30 13:16:27	Wang, Zhijuan	modification, Copy, ...
DE06 - excluding pure electric	Model collection	deployed	7/23	HEV	30s	2030-11-30 13:15:12	Wang, Zhijuan	modification, Copy, ...
DE08HEV China - Cyclical data...	Model collection	deployed	28/30	HEV	30s	2026-09-30 17:37:26	Wang, Zhijuan	modification, Copy, ...
DE09HEV China - Cyclical data...	Model collection	deployed	55/91	DE, China	30s	2026-09-30 17:37:26	Wang, Zhijuan	modification, Copy, ...

Click the Task Name to view the details.

Homepage

Requirements mana...

Data collection

- Event Collection
- Cycle Acquisition**
- Historical query
- Historical calculations
- Log collection
- DolP Collection
- EMMC monitoring
- Deploy approvals
- Vehicle management
- Signal management
- Pre-launch data
- Data download

Cycle Acquisition / Cycle collection details

Homepage Cycle Acquisition Cycle collection details

All closed

**Vehicles are selected (91)**

Vehicle VIN

Signal selected

Task configuration

Task Name: DE a - Cyclical data collection

Vehicle Type: DE China

Data parsing version: v2.6.0

Data reporting cycle: 30 (s)

Forwarding platform: None

Storage space: 2603.76G

Vehicle CPU Estimate: 94.8%

Vehicle memory estimate: 31.6M

End time: September 30, 2026 17:37:26

Requirements binding

Requirement name	Proposer
Test test98	Wu Wanjing
eve50	Wang Zhijuan
eve4	Wang Zhijuan
event04	Wu Wanjing
eve65	Wang Zhijuan
DE09 Project History Data Que...	Lü Hongzhi
eve88	Wang Zhijuan
eve100	Wang Zhijuan

## 6.3. Collection Copy

- Select a collection task and click Copy to enter the collection copy page.
- The vehicle model can be modified.
- The signals can be modified.
- The task configuration can be modified.
- The task name must be modified to avoid duplication.
- Enter a new name and click OK. The newly copied collection task will appear in the list, and you can check its deployment status.

Homepage

Requirements mana...

Data collection

- Event Collection
- Cycle Acquisition**
- Historical query
- Historical calculations
- Log collection
- DolP Collection
- EMMC monitoring
- Deploy approvals
- Vehicle management
- Signal management
- Pre-launch data
- Data download

Cycle Acquisition

Homepage Cycle Acquisition

All closed

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	<div style="width: 15/39"><div style="width: 15px;"></div></div> 15/39	EV	30s	2020-11-30 13:16:27	Wang Zhijuan	modification <b>Copy</b> ...
DE06 - excluding pure electric	Model collection	deployed	<div style="width: 7/23"><div style="width: 7px;"></div></div> 7/23	EV	30s	2020-11-30 13:15:12	Wang Zhijuan	modification <b>Copy</b> ...
DE08HEV China - Cyclical data...	Model collection	deployed	<div style="width: 28/30"><div style="width: 28px;"></div></div> 28/30	EV	30s	2026-09-30 17:37:26	Wang Zhijuan	modification <b>Copy</b> ...
DE09HEV China - Cyclical data...	Model collection	deployed	<div style="width: 55/91"><div style="width: 55px;"></div></div> 55/91	D	China	30s	Wang Zhijuan	modification <b>Copy</b> ...

4 articles in total < 1 >

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Cycle Acquisition / Copy model collection

Select the car model

Model	Selected
HEV	
HEV	Selected
EV	
EV	
EV China	
EV China	
EV China	
EV	
EV China	

Sampling period: 100ms

Select the signal: v2.6.0

Bus: Bus

Signal name: Sig

Signal list:

- ADAS1\_CANFD.ABM1.AirbFallLmpCmd
- ADAS1\_CANFD.ABM1.Checksum\_ABM1
- ADAS1\_CANFD.ABM1.CrashOutputSts
- ADAS1\_CANFD.ABM1.DrvSBR
- ADAS1\_CANFD.ABM1.DrvsBR\_Visual
- ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1
- ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1
- ADAS1\_CANFD.ABM1.PABSwSts
- ADAS1\_CANFD.ABM1.PassSBLOCKsts
- ADAS1\_CANFD.ABM1.PassSBR\_Visual
- ADAS1\_CANFD.ABM1.RollingCounter\_ABM1

Save Submit for review Cancel

## 6.4. Collection Modification

- For a vehicle collection task in the Unsubmitted or Deployed status, click Modify in the list to enter the collection modification page.
- For a model collection task in the Unsubmitted or Deployed status: if the interface returns the value true for the field `editable`, modification is allowed. Click Modify in the list to enter the collection modification page.
- The event algorithm can be modified.
- The task configuration can be modified.
- The task name cannot be modified.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Cycle Acquisition

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	<div style="width: 15/39"></div> 15/39	1PHEV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...
DE06 - excluding pure electric	Model collection	deployed	<div style="width: 7/23"></div> 7/23	1PHEV	30s	2030-11-30 13:15:12	Wang Zhijuan	modification Copy ...
DE08HEV China - Cyclical data...	Model collection	deployed	<div style="width: 28/30"></div> 28/30	1PHEV	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...
DE09HEV China - Cyclical data...	Model collection	deployed	<div style="width: 55/91"></div> 55/91	EV China	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...

4 articles in total

## 6.5. More Operations “...”

Click “...” in the operation column to access more operations.

1. Run: Re-run the task on all vehicles and update the deployment status.
2. Stop: Stop the task on all vehicles and update the deployment status.
3. Urge Approval: Send a message via the interface to urge the approver to review the task.
4. Withdraw: Send a message via the interface to withdraw the approval application.
5. View Status: A dialog box will pop up to display the approval status.

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	<div style="width: 15%;">15/39</div>	iEV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...
DE06 - excluding pure electric	Model collection	deployed	<div style="width: 7%;">7/23</div>	iEV	30s	2030-11-30 13:15:12	Wang Zhijuan	modi Run
DE08HEV China - Cyclic data...	Model collection	deployed	<div style="width: 28%;">28/30</div>	EV	30s	2026-09-30 17:37:26	Wang Zhijuan	modi Stop it
DE09HEV China - Cyclic data...	Model collection	deployed	<div style="width: 55%;">55/91</div>	China	30s	2026-09-30 17:37:26	Wang Zhijuan	modi Urge

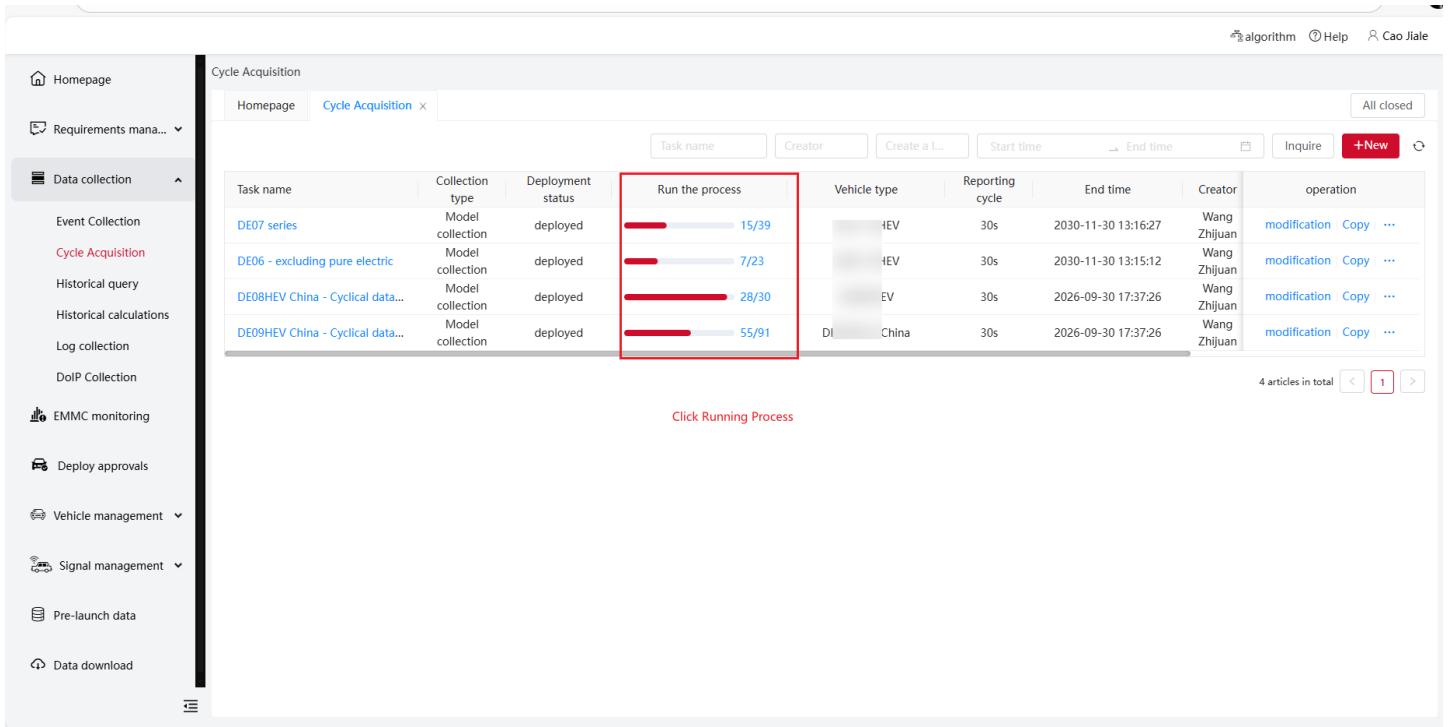
### 6.5.1 Button Status

- Unsubmitted: The functions of Urge Approval, Withdraw and View Status are unclickable.

- Under GWM Review: The functions of Urge Approval, Withdraw and View Status are clickable.
- Approved by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are unclickable.
- Rejected by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are unclickable.
- Under Review: The function of View Status is clickable; the functions of Urge Approval and Withdraw are unclickable.
- Rejected: The function of View Status is clickable; the functions of Urge Approval and Withdraw are unclickable.
- Deployed: The function of View Status is clickable; the functions of Urge Approval and Withdraw are unclickable.

## 6.6 Periodic Collection Secondary Page

Click Running Process in the collection task list to enter the data collection secondary page. You can view the deployment status and executable operations of each vehicle under this task, as shown in the figure below.



The screenshot shows a software interface for managing data collection tasks. On the left, a sidebar lists various modules: Homepage, Requirements management, Data collection (selected), Event Collection, Cycle Acquisition (highlighted in red), Historical query, Historical calculations, Log collection, DoIP Collection, EMMC monitoring, Deploy approvals, Vehicle management, Signal management, Pre-launch data, and Data download. The main area is titled 'Cycle Acquisition' and contains a table of tasks. The table has columns for Task name, Collection type, Deployment status, Run the process (which is highlighted with a red box), Vehicle type, Reporting cycle, End time, Creator, and operation. The tasks listed are:

Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation	
DE07 series	Model collection	deployed	15/39	HEV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...	
DE06 - excluding pure electric	Model collection	deployed	7/23	HEV	30s	2030-11-30 13:15:12	Wang Zhijuan	modification Copy ...	
DE08HEV China - Cyclical data...	Model collection	deployed	28/30	EV	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...	
DE09HEV China - Cyclical data...	Model collection	deployed	55/91	DI	China	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...

At the bottom center of the table, there is a red button labeled 'Click Running Process'.

The screenshot shows the 'Cycle Acquisition / Run the process' interface. On the left, a sidebar lists various data collection and management modules. The main area displays a table of vehicles, each with a deployment status (e.g., 'Delivery failed', 'Successful operation') and a log entry. A red box highlights the 'Batch operations' button at the top right of the table header. Below the table, a message indicates '0 items have been selected' and shows a page navigation bar with '1' highlighted.

## 6.6.1 Batch Operations

- Check the vehicles, execute Batch Run or Batch Stop for the selected vehicles, and update the deployment status accordingly.
- A prompt will appear: *This operation is irreversible. Please proceed with caution.* Click OK to continue.

The screenshot shows the same interface as above, but with a tooltip for the 'Batch operations' button. The tooltip contains two options: 'Batch runs' (with the sub-instruction 'Tick the option to run') and 'Batch stops' (with the sub-instruction 'Tick the option to stop'). A red box highlights the tooltip.

## 6.6.2 Run All

- Click Run All. A warning prompt will appear. Click OK to proceed. This will retry all retryable vehicles in the list and update the deployment status, consistent with the data collection process.
- If there are no runnable vehicles in the list, the prompt *No eligible vehicles* will be displayed.

### 6.6.3 Stop All

- Click Stop All. A warning prompt will appear. Click OK to proceed. This will stop all stoppable vehicles in the list and update the deployment status, consistent with the data collection process.
- If there are no stoppable vehicles in the list, the prompt No eligible vehicles will be displayed, the same as the Run All function.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Cycle Acquisition / Run the process

Homepage Cycle Acquisition x Periodic collection of running processes x All closed

Vehicles are in use Deleted vehicles

WINE Deployment status Status description Log details Most recent execution time operation

	WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/>	D5482529	🔴 Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	B231065	🔴 Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000001	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:01	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000044	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000006	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:25	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000007	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000009	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000005	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000036	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000048	🟢 Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

0 items have been selected There are 30 articles in total 1 2 3 > Skip to page

Stop all Batch operations

## 6.6.4 Operation - Run

When a vehicle is in a runnable state, click Run to retry the vehicle and update its deployment status.

Cycle Acquisition / Run the process

Homepage Cycle Acquisition x Periodic collection of running processes x

Vehicles are in use Deleted vehicles

WINE Deployment status Status description Log details Most recent execution time operation

	WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/>	D5482529	✖ Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	B231065	✖ Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000001	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:01	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000044	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000006	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:25	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000007	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000009	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000005	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000036	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000048	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

0 items have been selected

There are 30 articles in total

1 2 3 > Skip to page

## 6.6.5 Operation - Stop

When a vehicle is in a stoppable state, click Stop to halt the vehicle and update its deployment status.

Cycle Acquisition / Run the process

Homepage Cycle Acquisition x Periodic collection of running processes x

Vehicles are in use Deleted vehicles

WINE Deployment status Status description Log details Most recent execution time operation

	WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/>	D5482529	✖ Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	B231065	✖ Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000001	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:01	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000044	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:00	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000006	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:25	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000007	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000009	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000005	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000036	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>
<input type="checkbox"/>	SF000048	✖ Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

0 items have been selected

There are 30 articles in total

1 2 3 > Skip to page

## 6.6.6 Operation - Download

On the data collection secondary page, select the vehicle data to be downloaded and click **Download** in the list operations. You will be redirected to the download page, which includes the query and download function bar and data list, as shown in the figure below.

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
2D5482529	Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a>
FB231065	Delivery failed	Failing to send the acquisition command to t...	<a href="#">View</a>	2025-12-15 16:30:00	<a href="#">Download</a>
XSF000001	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:01	<a href="#">Download</a>
XSF000044	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-13 12:00:00	<a href="#">Download</a>
9SF000006	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:25	<a href="#">Download</a>
0SF000007	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a>
4SF000009	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a>
7SF000005	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a>
0SF000036	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a>
7SF000048	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 10:53:24	<a href="#">Download</a>

You will be redirected to this page (the breadcrumb path displays Data Download):

- Time and VIN filtering are supported, and multiple VINs can be selected.
- Batch download of selected data is available, with the option to choose the corresponding download format.
- The operation is: Download.
- Click Download in the operations to download the vehicle data.

VIN number	Data type	File path	Data status	matrix version	Data start time	Data end time	operation
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:27:00	2025-12-15 17:27:00	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:26:30	2025-12-15 17:26:30	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:26:00	2025-12-15 17:26:00	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:25:30	2025-12-15 17:25:30	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:25:00	2025-12-15 17:25:00	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:24:30	2025-12-15 17:24:30	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:24:00	2025-12-15 17:24:00	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:23:30	2025-12-15 17:23:30	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:23:00	2025-12-15 17:23:00	<a href="#">Download</a>
L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:22:30	2025-12-15 17:22:30	<a href="#">Download</a>

Note: Add signal selection for both batch download and single download.

- When selecting the download format type: `mdf`, `csv`, `asc`, or `blf`, you need to select signals before downloading the collected data.

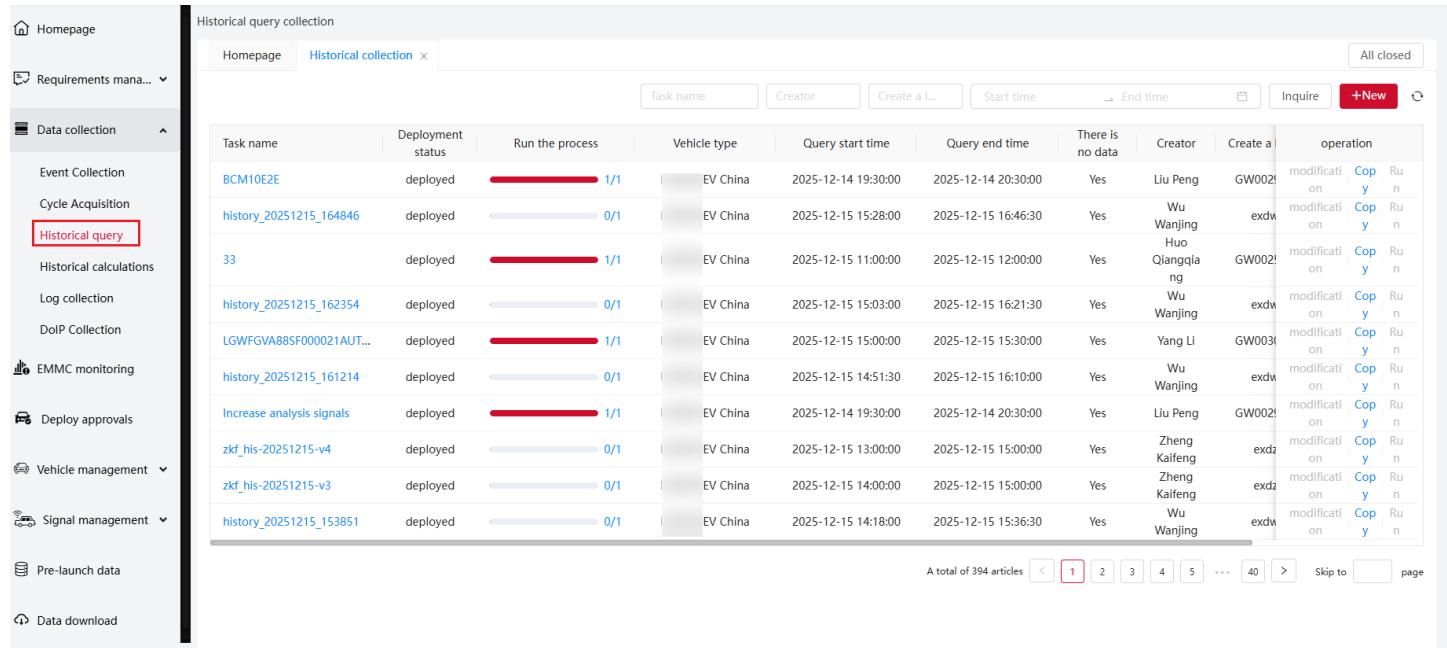
- Select a download format that requires signal selection, choose the data to be downloaded, and click Download. A signal selection box will pop up.
- Select signals from the available signal list on the left. The selected signals will be displayed and checked in the selected signal list on the right. You can deselect the chosen signals by clicking the Cancel button on the right.
- Click OK to download the data of the selected signals.
- A maximum of 1000 signals can be selected.
- View the downloaded files in the download directory.

The screenshot shows the 'Data download' section of the software interface. On the left, a sidebar lists various data collection and management options. The main area displays a table of collected data entries, each with columns for VIN number, Data type, File path, Data status, matrix version, Data start time, and Date. A 'Batch downloads' button is located in the top right corner of the data table area.

The screenshot shows the 'Select Signal Download' dialog box. It lists signals under 'Select the signal' and shows a 'Selected signal' list with 'SC\_CANFD.AC1.ACOperMod'. A red arrow points to the 'Selected signal' list. The dialog has 'Cancel' and 'Confirm' buttons at the bottom. The background shows the same data download interface as the previous screenshot.

## 7. Historical Query

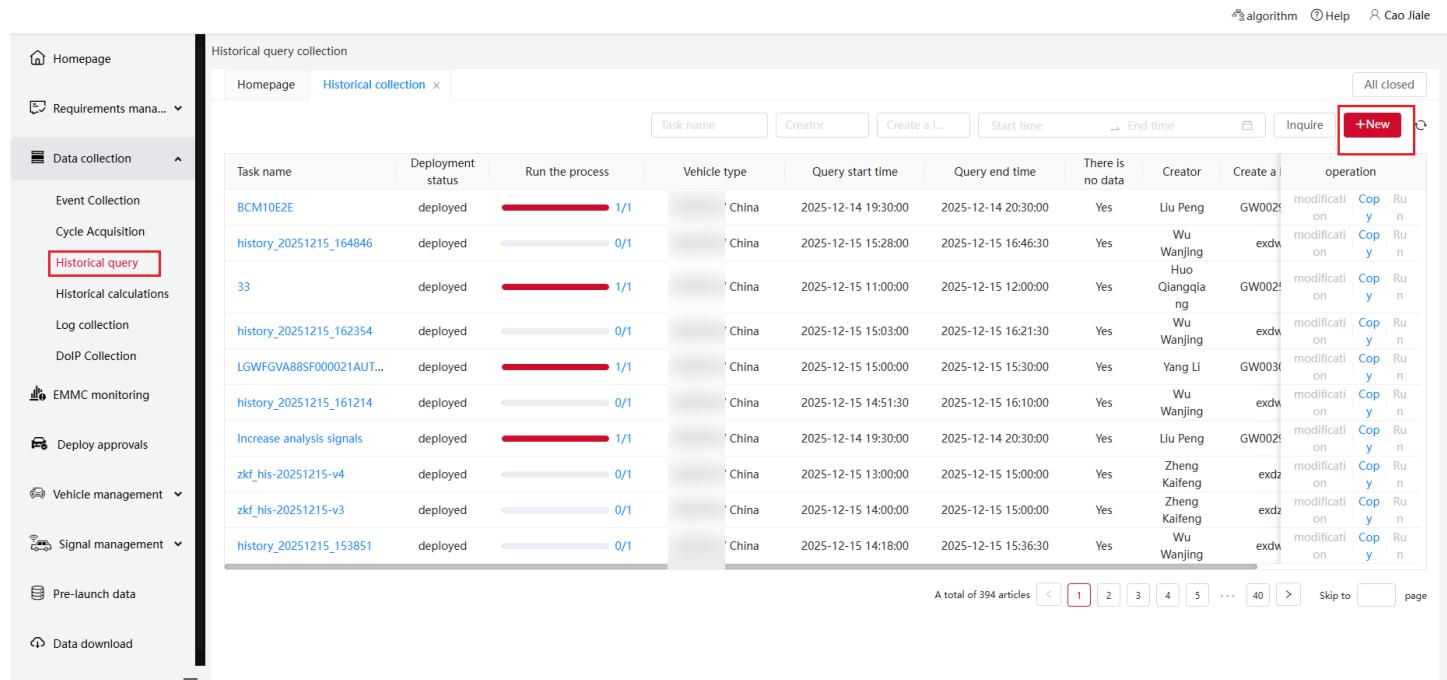
Historical query collection refers to the data collection created when users want to obtain historical data of vehicles. Users select the target vehicles and the historical time range. After the historical query collection rules are distributed to the vehicle side, the vehicle side starts to collect historical data within the specified time range and uploads it to the cloud.



Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There Is no data	Creator	Create a	operation
BCM10E2E	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modification Cop Run
history_20251215_164846	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 15:28:00	2025-12-15 16:46:30	Yes	Wu Wanjing	exdw	modification Cop Run
33	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 11:00:00	2025-12-15 12:00:00	Yes	Huo Qiangqiang	GW002	modification Cop Run
history_20251215_162354	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 15:03:00	2025-12-15 16:21:30	Yes	Wu Wanjing	exdw	modification Cop Run
LGWFGVA88SF000021AUT...	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 15:00:00	2025-12-15 15:30:00	Yes	Yang Li	GW003	modification Cop Run
history_20251215_161214	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:51:30	2025-12-15 16:10:00	Yes	Wu Wanjing	exdw	modification Cop Run
Increase analysis signals	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modification Cop Run
zkf_his-20251215-v4	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 13:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdw	modification Cop Run
zkf_his-20251215-v3	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdw	modification Cop Run
history_20251215_153851	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:18:00	2025-12-15 15:36:30	Yes	Wu Wanjing	exdw	modification Cop Run

## 7.1 Create Collectionn

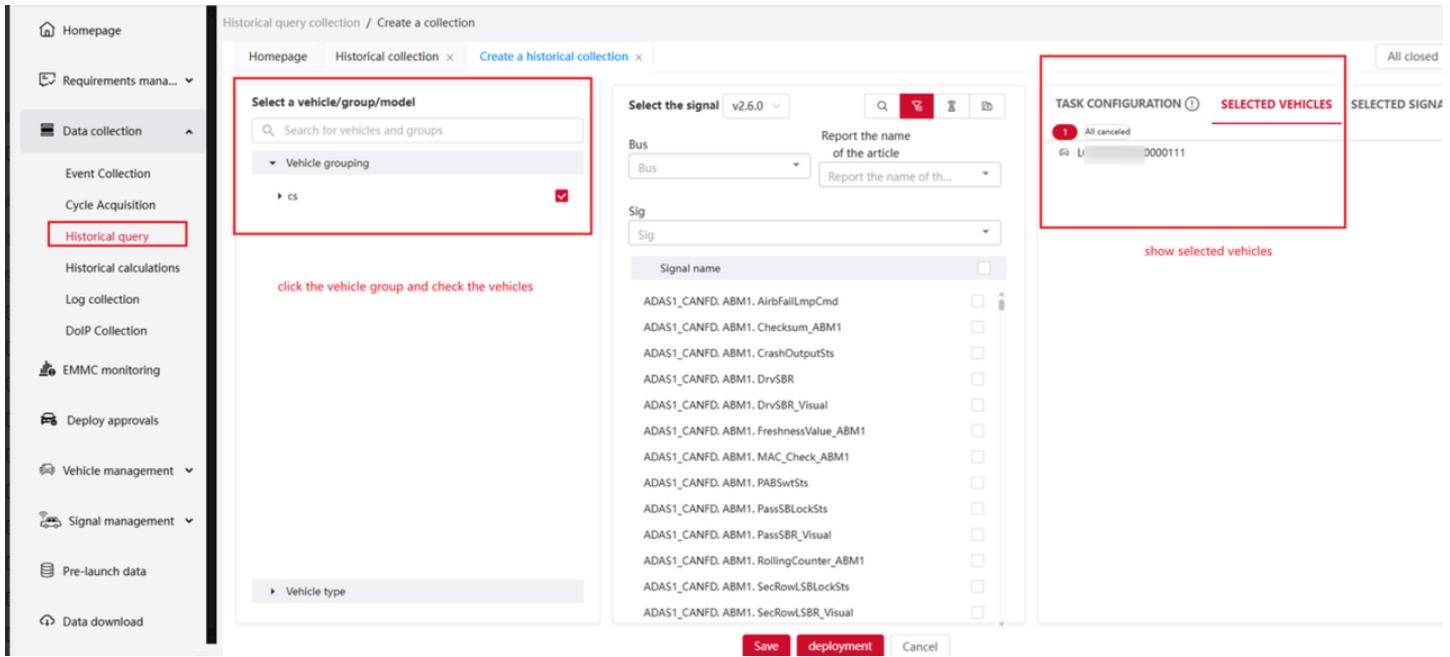
Click New in the upper right corner to enter the collection creation page, as shown below.



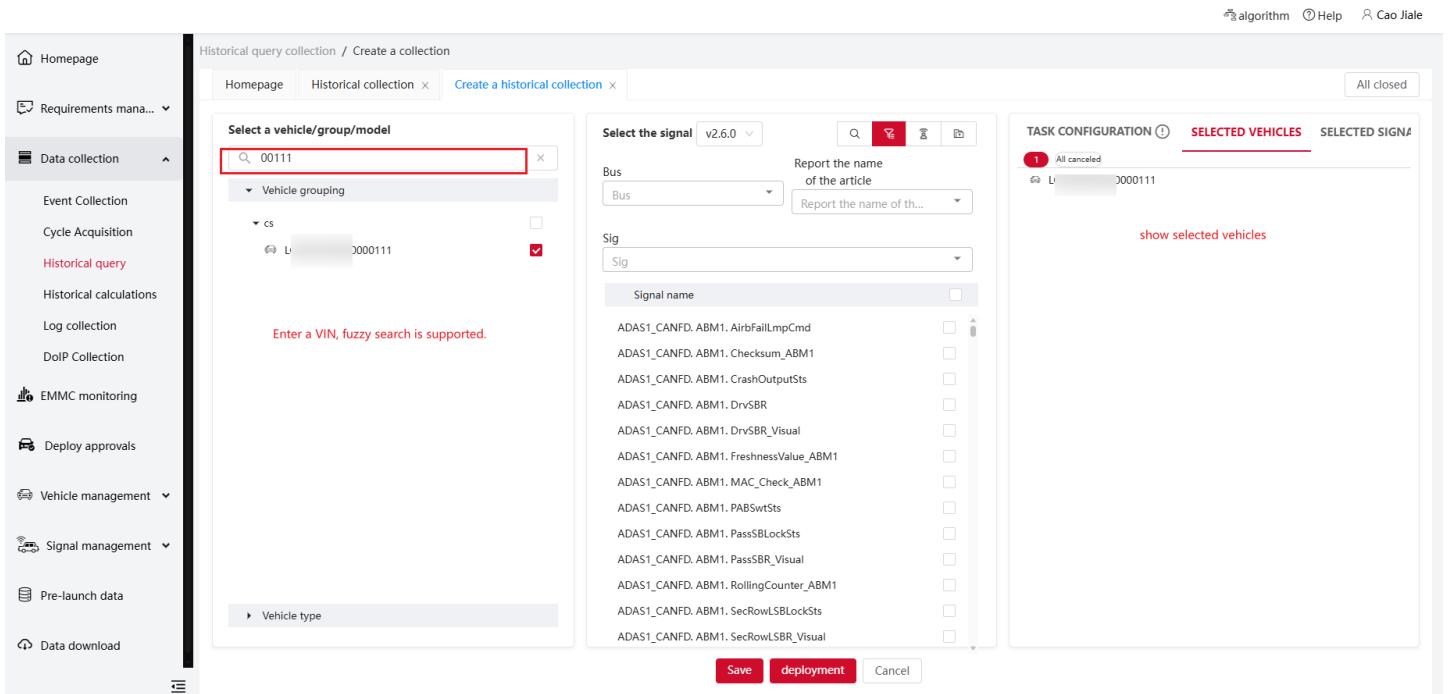
Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There Is no data	Creator	Create a	operation
BCM10E2E	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modification Cop Run
history_20251215_164846	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 15:28:00	2025-12-15 16:46:30	Yes	Wu Wanjing	exdw	modification Cop Run
33	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 11:00:00	2025-12-15 12:00:00	Yes	Huo Qiangqiang	GW002	modification Cop Run
history_20251215_162354	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 15:03:00	2025-12-15 16:21:30	Yes	Wu Wanjing	exdw	modification Cop Run
LGWFGVA88SF000021AUT...	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 15:00:00	2025-12-15 15:30:00	Yes	Yang Li	GW003	modification Cop Run
history_20251215_161214	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:51:30	2025-12-15 16:10:00	Yes	Wu Wanjing	exdw	modification Cop Run
Increase analysis signals	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modification Cop Run
zkf_his-20251215-v4	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 13:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdw	modification Cop Run
zkf_his-20251215-v3	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdw	modification Cop Run
history_20251215_153851	deployed	<div style="width: 50%;">0/1</div>	EV China	2025-12-15 14:18:00	2025-12-15 15:36:30	Yes	Wu Wanjing	exdw	modification Cop Run

### 7.1.1 Configure Vehicle Selection

- Directly click the Group Name under the vehicle group to expand the vehicles in this group. Click the Checkbox to select the vehicles for which data collection will be created.



- Click the "Select Vehicles and Groups" search box, enter the VIN or group name. The relevant vehicles/groups will be displayed in the list below, with fuzzy search supported.



- Click the checkbox next to the vehicle VIN to select the vehicle. The selected vehicle will be displayed in the Selected Vehicles section.

- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box next to that model.

## 7.1.2 Configure Selected Signals

After selecting a signal, the "Signal Version" selection box will be displayed. Click the drop-down menu to expand the list of released signal versions. Selecting different signal versions allows you to collect signals corresponding to the selected version (which must be consistent with the version of the vehicle-side signal matrix being collected).

Historical query collection / Create a collection

Select a vehicle/group/model

Select the signal v2.6.0

Bus: Bus

Sig: Sig

Signal name:

- ADAS1\_CANFD.ABM1.AirbFallLmpCmd
- ADAS1\_CANFD.ABM1.Checksum.ABM1
- ADAS1\_CANFD.ABM1.CrashOutputSts
- ADAS1\_CANFD.ABM1.DrvSBR
- ADAS1\_CANFD.ABM1.DrvSBR\_Visual
- ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1
- ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1
- ADAS1\_CANFD.ABM1.PABsWtSs
- ADAS1\_CANFD.ABM1.PassSBLockSs
- ADAS1\_CANFD.ABM1.PassSBR\_Visual
- ADAS1\_CANFD.ABM1.RollingCounter\_ABM1
- ADAS1\_CANFD.ABM1.SecRowLSBLockSs
- ADAS1\_CANFD.ABM1.SecRowLSBR\_Visual

Save deployment Cancel

ASK CONFIGURATION

SELECTED VEHICLES

SELECTED SIGNALS

All canceled 000111

- The selected signal defaults to "Condition Filtered Signal", and the signals that meet all conditions are displayed below.
- Click the signal "checkbox" to select a specific signal; click the "Signal Name" checkbox to select all signals.
- "Selected Signals" displays the checked signals.

Historical query collection / Create a collection

Select a vehicle/group/model

Select the signal v2.6.0

Bus: BD\_CANFD

Sig: EEM1

Signal name:

Dyn\_PwrSv\_Lvl

BD\_CANFD.EEM1.Dyn\_PwrSv\_Lvl

filter signals based on conditions and check the selected ones

Save deployment Cancel

ASK CONFIGURATION

SELECTED VEHICLES

SELECTED SIGNALS

All canceled

BD\_CANFD.EEM1.Dyn\_PwrSv\_Lvl

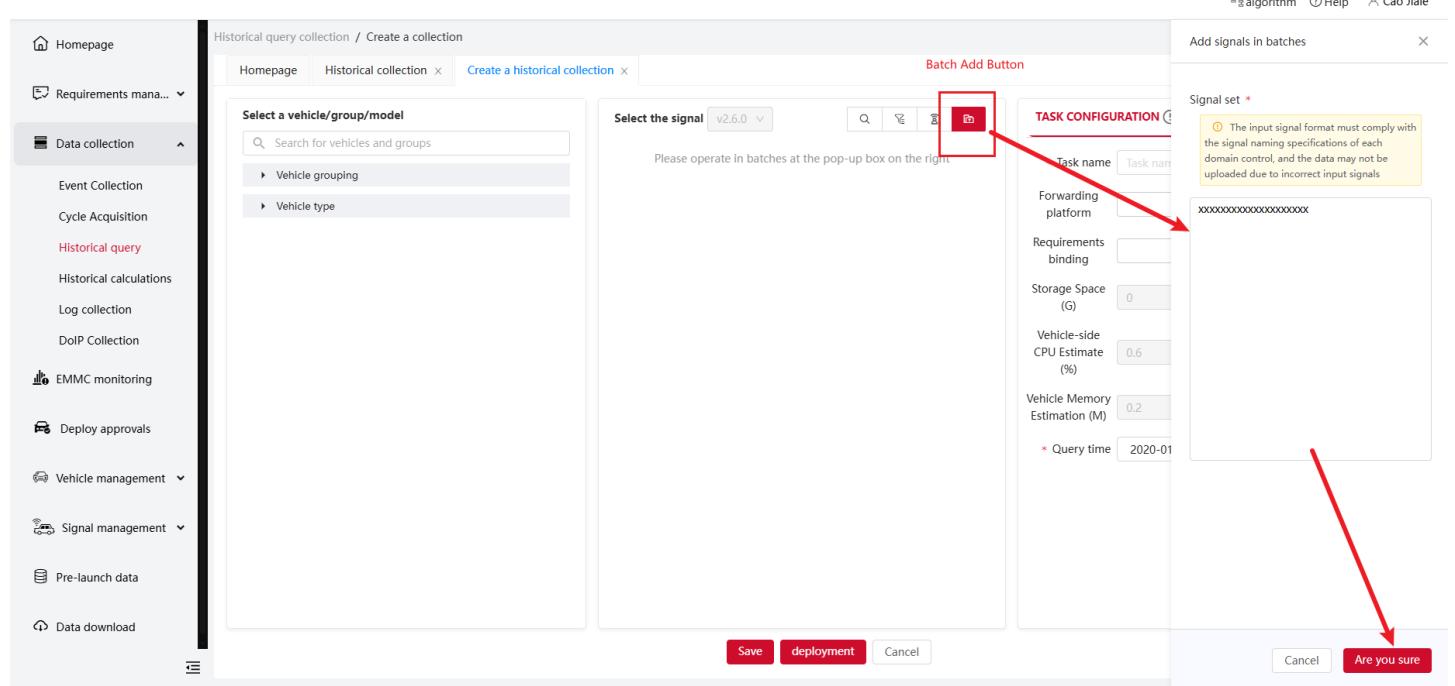
Display Selected Signals

- Click "Signal Grouping" to select signals.
- Click the signal "checkbox" to select a specific signal; click the "Signal Group Name" checkbox to select all signals.
- "Selected Signals" displays the checked signals.

Click the "Search Signals by Signal Name" icon to switch to the corresponding function.

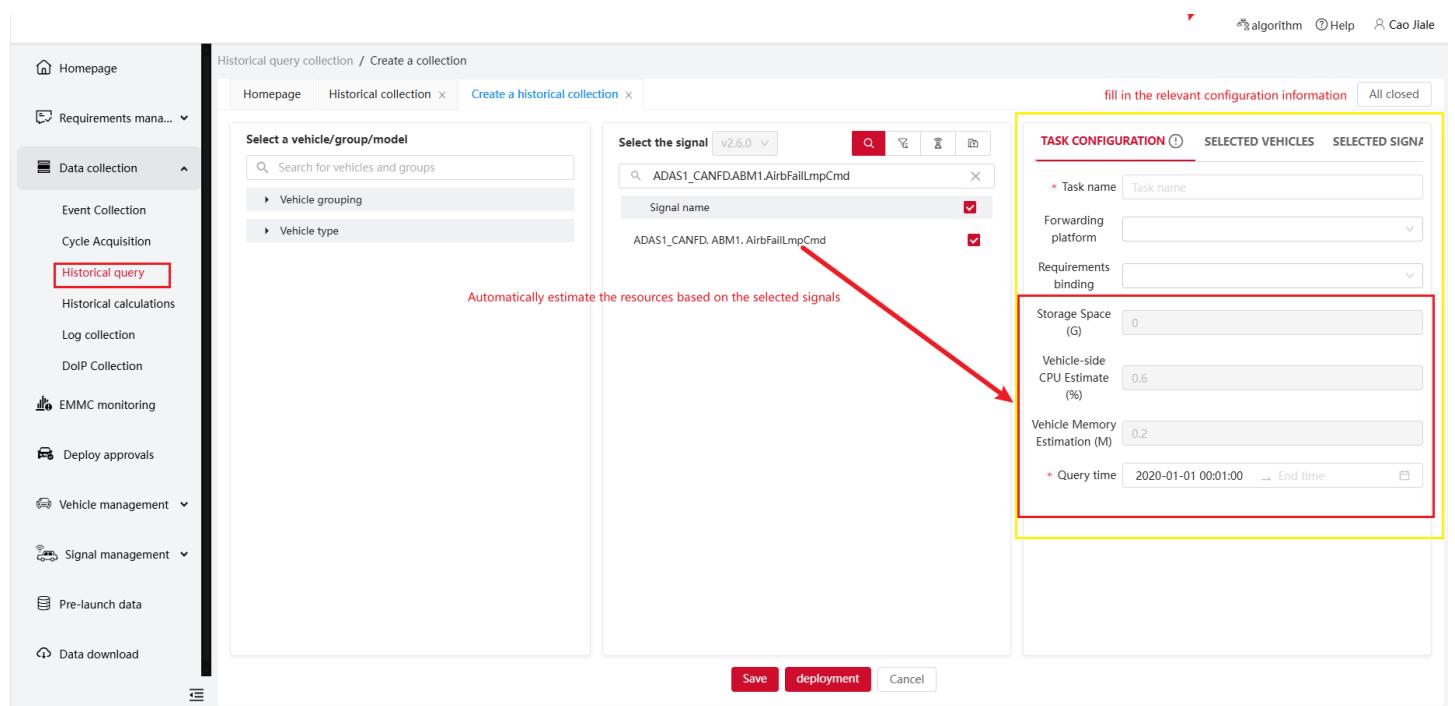
Enter the "Signal Name" in the search box to query the corresponding signal by signal name.

- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, then click "OK" to add signals in batches.

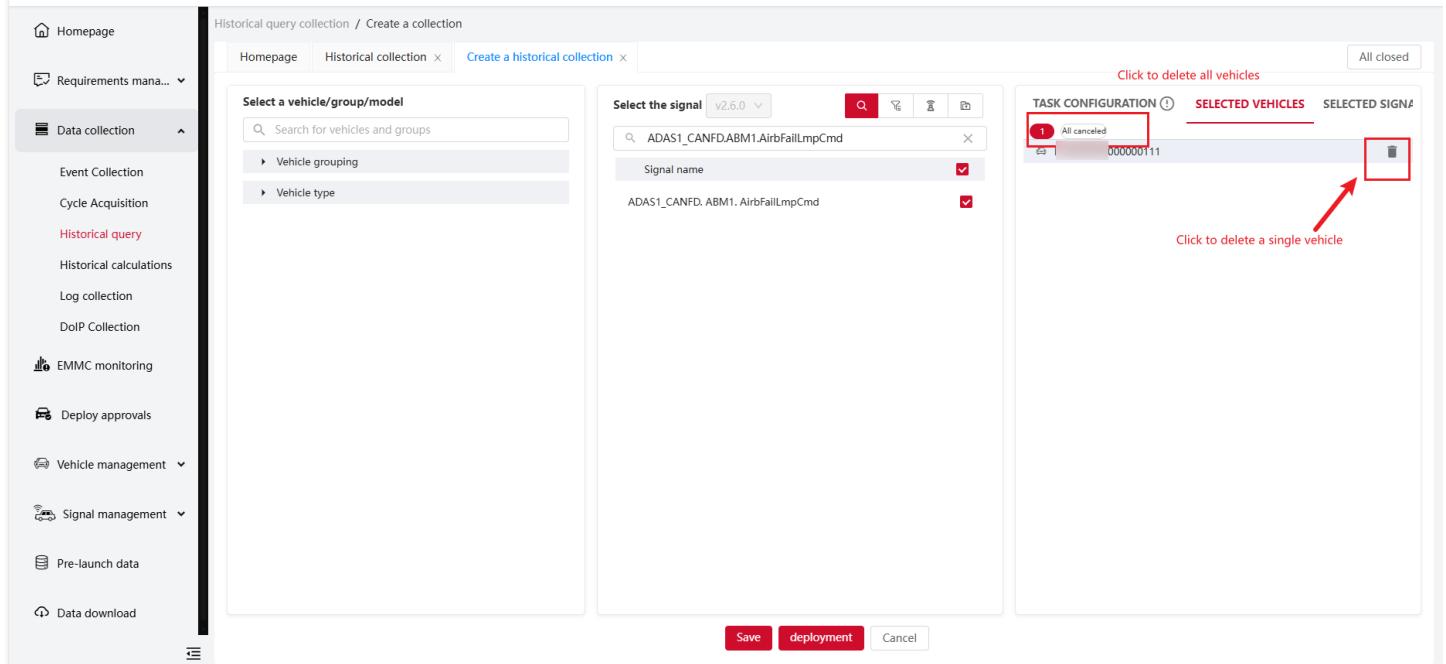


### 7.1.3 Task Configuration

- Click the "Task Name" input box and enter the task name. It supports Chinese characters, numbers, letters, hyphens and underscores. Task names for data collection cannot be duplicated.
- Click the "Forwarding Platform" selection box to select forwarding platforms. Multiple selections are supported and this field is non-mandatory.
- After selecting vehicles and signals, the storage space, vehicle-side CPU and vehicle-side memory will be calculated and displayed.
- Select the query time. This field is mandatory.

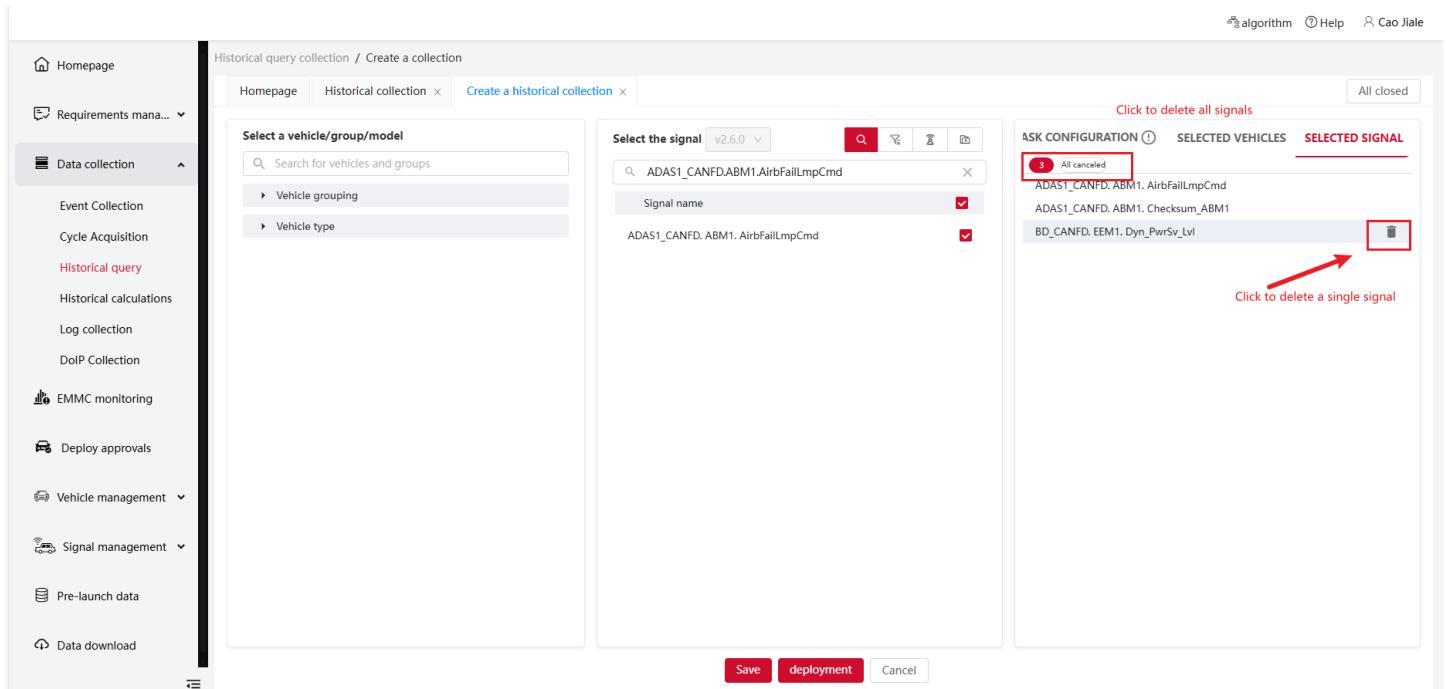


- The "Selected Vehicles" list displays the number of selected vehicles and the "Deselect All" function button on the right side.
- Hover the mouse over an entry in the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox on the left will be unchecked simultaneously. Click "Deselect All" to clear all vehicle selections.



The screenshot shows the 'Create a historical collection' interface. On the left, a sidebar lists various data management options. The main area is titled 'Historical query collection / Create a collection' and contains three tabs: 'Homepage', 'Historical collection', and 'Create a historical collection'. The 'Create a historical collection' tab is active. It includes sections for 'Select a vehicle/group/model' (with 'Search for vehicles and groups' and 'Vehicle grouping' and 'Vehicle type' dropdowns), 'Select the signal' (with a search bar and dropdown for 'Signal name' showing 'ADAS1\_CANFD.ABM1.AirbFailLmpCmd'), and a 'TASK CONFIGURATION' section with 'SELECTED VEHICLES' and 'SELECTED SIGNAL' tabs. The 'SELECTED VEHICLES' tab shows a list with a red box around the 'Delete' button and an arrow pointing to it. The 'SELECTED SIGNAL' tab shows a list with a red box around the 'Delete' button and an arrow pointing to it. Buttons at the bottom include 'Save', 'deployment', and 'Cancel'.

- For the "Selected Signals" list, the number of selected signals and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over an entry in the "Selected Signals" list, and a "Delete" button will appear. Click it to remove the selected signal, and the corresponding checkbox on the left will be unchecked simultaneously. Click "Deselect All" to clear all signal selections.



The screenshot shows the 'Create a historical collection' interface, similar to the previous one but with a different focus. The 'SELECTED SIGNAL' tab is active in the 'TASK CONFIGURATION' section. It displays a list of selected signals with a red box around the 'Delete' button and an arrow pointing to it. The list includes entries like 'ADAS1\_CANFD.ABM1.AirbFailLmpCmd', 'ADAS1\_CANFD.ABM1.Checksum\_ABM1', and 'BD\_CANFD.EEM1.Dyn\_PwrSv\_Lvl'. Buttons at the bottom include 'Save', 'deployment', and 'Cancel'.

- After completing the configuration, click the "Save" button to save the data of this periodic collection task. The task will not be distributed or deployed immediately. You can re-enter the page to modify and deploy it later.
- Click the "Deploy" button to submit the task for approval. Once approved, the task will be distributed to the vehicle side.
- Click "Cancel" to exit the collection task creation page without creating the current collection task.

Homepage

Requirements mana...

Data collection

- Event Collection
- Cycle Acquisition
- Historical query**
- Historical calculations
- Log collection
- DolP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

Historical query collection / Create a collection

Homepage Historical collection [Create a historical collection](#)

Select a vehicle/group/model

Search for vehicles and groups

Vehicle grouping

Vehicle type

Select the signal v2.6.0

ADAS1\_CANFD.ABM1.AirbFailLmpCmd

Signal name

ADAS1\_CANFD.ABM1.AirbFailLmpCmd

ASK CONFIGURATION

SELECTED VEHICLES

SELECTED SIGNAL

3 All canceled

ADAS1\_CANFD.ABM1.AirbFailLmpCmd

ADAS1\_CANFD.ABM1.Checksum\_ABM1

BD\_CANFD.EEM1.Dyn\_PwrSv\_Lvl

Save deployment Cancel

## 7.2. View Collection Task Details

Click the "Task Name" to view the details of the current collection task:

- Display the selected vehicles, signals and task configurations.
- The task configuration shows the historical collection task name, data parsing version, forwarding platform and query time.

Homepage      Requirements mana...      Data collection      Event Collection      Cycle Acquisition      **Historical query**      Historical calculations      Log collection      DoIP Collection      EMMC monitoring      Deploy approvals      Vehicle management      Signal management      Pre-launch data      Data download

Historical query collection

Homepage      Historical collection      All closed

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
H-DE09-VIN277-PKETrunk1	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification      Copy      Run
1215_1	deployed	<div style="width: 50%;">0/1</div>	China	2025-12-15 18:00:00	2025-12-15 19:00:00	None	Ren Miao	10001	modification      Copy      Run
Buried point test	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW000	modification      Copy      Run
history_20251216_5	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-16 06:01:00	2025-12-16 10:00:00	None	Wu Wanjing	exdw	modification      Copy      Run
history_20251216_4	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification      Copy      Run
history_20251216_3	deployed	<div style="width: 50%;">0/1</div>	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification      Copy      Run
history_20251216_2	deployed	<div style="width: 50%;">0/1</div>	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification      Copy      Run
history_20251216_1	deployed	<div style="width: 50%;">0/1</div>	China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification      Copy      Run
H-DE09-VIN033-Lock3	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zihao	GW002	modification      Copy      Run
<b>H-DE09-VIN033-Lock2</b>	deployed	<div style="width: 100%;">1/1</div>	China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zihao	GW002	modification      Copy      Run

Click the task name to view the details of historical query collection tasks

A total of 418 articles      1 2 3 4 5 ... 42 >      Skip to      page

Homepage      Requirements mana...      Data collection      Event Collection      Cycle Acquisition      **Historical query**      Historical calculations      Log collection      DoIP Collection      EMMC monitoring      Deploy approvals      Vehicle management      Signal management      Pre-launch data      Data download

Historical query collection / Historical query collection details

Homepage      Historical collection      Historical collection details      All closed

**Vehicles are selected** 1

Vehicle VIN

**Signal selected** 21

Signal name

- PR\_CANFD. PEPS2. SysPowerMod
- PR\_CANFD. PEPS2. WPCEna
- PR\_CANFD. BCM1. DrvDoorSts
- PR\_CANFD. BCM1. LRDoorSts
- PR\_CANFD. BCM1. PassengerDoorSts
- PR\_CANFD. BCM1. RRDoorSts
- PR\_CANFD. BCM3. DoorLockSts
- PR\_CANFD. BCM3. DrvDoorLockSts
- PR\_CANFD. ESP\_FD2. VehSpd
- PR\_CANFD. ESP\_FD2. VehSpdVld
- PT\_CANFD. ESP\_FD2. VehSpd
- PT\_CANFD. ESP\_FD2. VehSpdVld
- PR\_CANFD. PR\_Door2.Door\_Lock\_Reason
- PR\_CANFD. PR\_Door2.Door\_Unlock\_Reason
- PR\_CANFD. PR\_Door2.DoorLockSuccessReason

**Task configuration**

Task Name: H-DE09-VIN033-Lock2

:V China

Data parsing version: 2.6.0

Forwarding platform: None

Storage space: 0G

Vehicle CPU Estimate: 2.4%

Vehicle memory estimate: 0.8M

Enquiry time: December 15, 2025 11:00:00 — December 15, 2025 11:30:00 AM

## 7.3. Collection Task Copy

Select a collection task and click "Copy" to enter the collection task copy page.

- Vehicles and signals can be reselected.
- The forwarding platform and query time can be reconfigured.
- The task name must be modified.
- Click "OK" to submit for approval. After approval, the task will be deployed and distributed to the selected vehicles. If the historical collection algorithm is modified, the algorithm running on the existing vehicles will be overwritten.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection

Homepage Historical collection

Task name Deployment status Run the process Vehicle type Query start time Query end time There is no data Creator Create a L... Start time End time Inquire +New

Table of Historical query collection:

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a L...	Start time	End time	Inquire	+New
H-DE09-VIN277-PKETrunk1	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zhao	GW002				modification
1215_1	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-15 18:00:00	2025-12-15 19:00:00	None	Ren Miao	10001				modification
Buried point test	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW0005				modification
history_20251216_5	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw				modification
history_20251216_4	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw				modification
history_20251216_3	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw				modification
history_20251216_2	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw				modification
history_20251216_1	deployed	<div style="width: 100%;">0/1</div>	EV China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw				modification
H-DE09-VIN033-Lock3	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zhao	GW002				modification
H-DE09-VIN033-Lock2	deployed	<div style="width: 100%;">1/1</div>	EV China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zhao	GW002				modification

A total of 418 articles 1 2 3 4 5 ... 42 > Skip to page

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection / Copy collection

Homepage Historical collection Copy history collection

Select a vehicle/group/model

Search for vehicles and groups

Vehicle grouping Vehicle type

Select the signal v2.6.0

Bus Report the name of the article

Bus Report the name of the article

Sig Signal name

Signal name

ADAS1\_CANFD.ABM1.AirbFailLmpCmd  
ADAS1\_CANFD.ABM1.Checksum.ABM1  
ADAS1\_CANFD.ABM1.CrashOutputsts  
ADAS1\_CANFD.ABM1.DrvSBR  
ADAS1\_CANFD.ABM1.DrvSBR\_Visual  
ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1  
ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1  
ADAS1\_CANFD.ABM1.PABSwtsts  
ADAS1\_CANFD.ABM1.PassSBLocksts  
ADAS1\_CANFD.ABM1.PassSBR\_Visual  
ADAS1\_CANFD.ABM1.RollingCounter\_ABM1  
ADAS1\_CANFD.ABM1.SecRowLSBLocksts  
ADAS1\_CANFD.ABM1.SecRowLSBR\_Visual

Task Configuration

Task name: -PKETrunk1

Forwarding platform

Requirements binding

Storage Space (G): 1.65

Vehicle-side CPU Estimate (%): 3.3

Vehicle Memory Estimation (M): 1.1

Query time: 2025-12-14 13:44:30 ... 2025-12-15 13:10:00

Save deployment Cancel

## 7.4. Run Operation

Select a collection task to run it.

- "Run": Rerun the task on all vehicles and update the deployment status.
- Note: Only the task creator is allowed to perform the run operation.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition **Historical query** Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection

Homepage Historical collection x Historical collection of running processes x Historical calculations x

Task name Creator Create a I... Start time End time Inquire +New

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
LGWFVVA88SF000021 Ele...	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-16 11:00:00	2025-12-16 11:32:00	Yes	Yang Li	GW003	modification Cop y Run
history_20251216_6	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
H-DE09-VIN277-PKETrunk1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification Cop y Run
1215_1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 18:00:00	2025-12-15 19:00:00	Yes	Ren Miao	10001	modification Cop y Run
Buried point test	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW009	modification Cop y Run
history_20251216_5	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_4	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_3	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_2	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_1	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run

There are 420 articles in total 1 2 3 4 5 ... 42 > Skip to page

## 7.5. Secondary Page for Historical Query

Click "Running Process" in the collection task list to enter the data collection secondary page. You can view the deployment status and executable operations of each vehicle under this task, as shown in the figure below: The list displays VIN, Deployment Status, Status Description, Last Execution Time and Operations.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition **Historical query** Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection

Homepage Historical collection x Historical collection of running processes x Historical calculations x

Task name Creator Create a I... Start time End time Inquire +New

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
LGWFVVA88SF000021 Ele...	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-16 11:00:00	2025-12-16 11:32:00	Yes	Yang Li	GW003	modification Cop y Run
history_20251216_6	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
H-DE09-VIN277-PKETrunk1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification Cop y Run
1215_1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 18:00:00	2025-12-15 19:00:00	Yes	Ren Miao	10001	modification Cop y Run
Buried point test	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW009	modification Cop y Run
history_20251216_5	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_4	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_3	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_2	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run
history_20251216_1	deployed	<div style="width: 50%;">0/1</div>	/ China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Run

There are 420 articles in total 1 2 3 4 5 ... 42 > Skip to page

Click Running Process

Historical query collection / Run the process

Homepage Historical collection x Historical collection of running processes x Historical calculations x All closed

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
SF000021	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-16 11:33:25	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total < 1 >

## 7.5.1 Operation - Run

When the vehicle is in a runnable state, click "Run" to retry the task on the vehicle and update the deployment status.

Historical query collection / Run the process

Homepage Historical collection x Historical collection of running processes x Historical data download x All closed

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
000021	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-16 11:33:25	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total < 1 >

## 7.5.2 Operation - Download

On the secondary page for historical query, select the vehicle data to be downloaded and click "Download" in the list operations to navigate to the data download page. The page includes a query function bar and a data list, as shown in the figure below:

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection / Run the process

Homepage Historical collection Historical collection of running processes Historical data download All closed

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
A88SF000021	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-16 11:33:25	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected 1 in total < 1 >

Navigate to this page (the breadcrumb path displays "Data Download"):

- Support filtering by time and VIN. Multiple VIN selections are allowed.
- Batch download selected data by choosing the corresponding download format.
- Available operation: Download.
- Click "Download" in the operation to download the vehicle data.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical query collection / Run the process / Data download 任务详情

Homepage Historical collection Historical collection of running processes Historical data download All closed

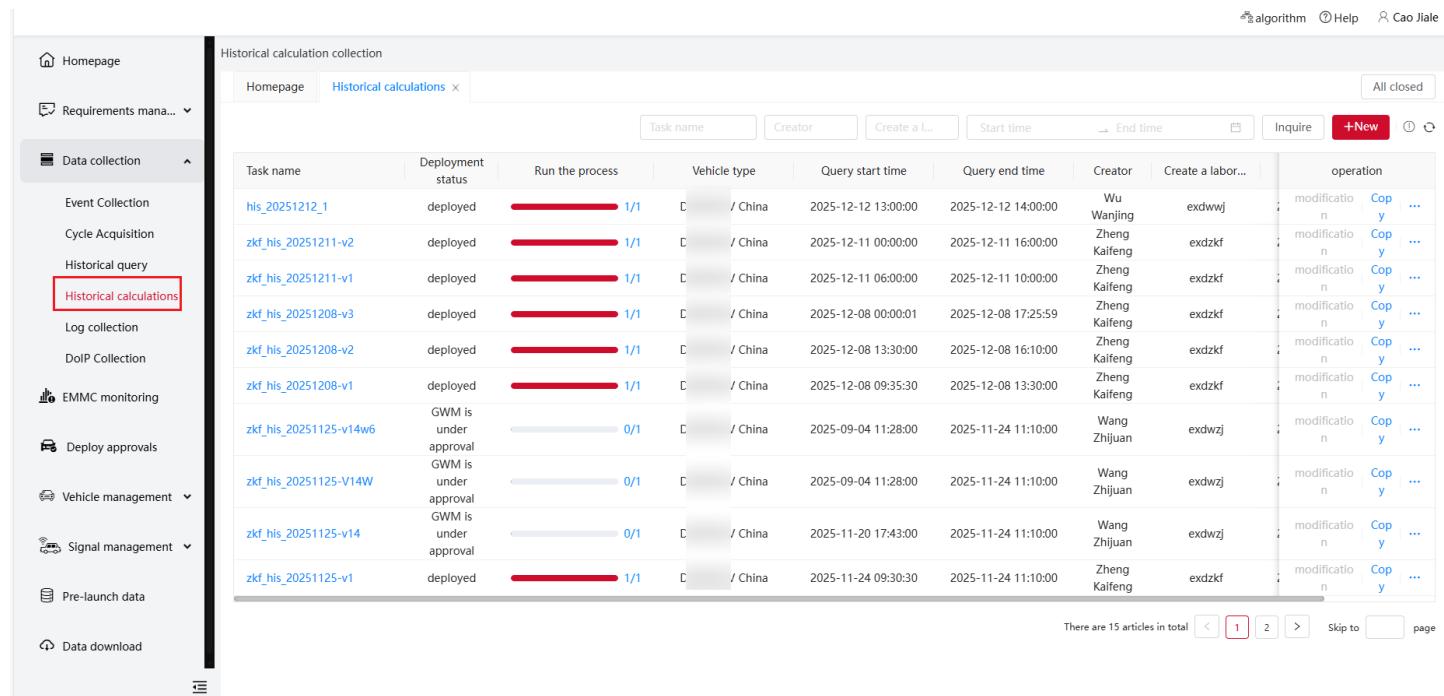
数据包开始时间	WINE	数据包结束时间	操作
2025-12-16 11:30:00	LGWFGVA88SF000021	2025-12-16 11:30:00	<a href="#">Download</a>
2025-12-16 11:25:00	LGWFGVA88SF000021	2025-12-16 11:25:00	<a href="#">Download</a>
2025-12-16 11:20:00	LGWFGVA88SF000021	2025-12-16 11:20:00	<a href="#">Download</a>
2025-12-16 11:15:00	LGWFGVA88SF000021	2025-12-16 11:15:00	<a href="#">Download</a>
2025-12-16 11:10:00	LGWFGVA88SF000021	2025-12-16 11:10:00	<a href="#">Download</a>
2025-12-16 11:05:00	LGWFGVA88SF000021	2025-12-16 11:05:00	<a href="#">Download</a>
2025-12-16 11:00:00	LGWFGVA88SF000021	2025-12-16 11:00:00	<a href="#">Download</a>

0 items have been selected 共7条 < 1 >

## 8. Historical Calculation

Historical calculation collection refers to the cloud setting the start and end times for vehicle historical data calculation on demand. After the collection algorithm is distributed to the vehicle

side, the vehicle side calculates the historical data within this period and uploads the calculation results to the cloud.



The screenshot shows the 'Historical calculation collection' interface. The left sidebar includes links for Homepage, Requirements management, Data collection (with 'Historical calculations' highlighted), Event Collection, Cycle Acquisition, Historical query, Log collection, DoIP Collection, EMMC monitoring, Deploy approvals, Vehicle management, Signal management, Pre-launch data, and Data download. The main area displays a table of historical calculation tasks. The table columns are: Task name, Deployment status, Run the process, Vehicle type, Query start time, Query end time, Creator, Create a labor..., and operation. The 'Run the process' column shows progress bars and values like '1/1' or '0/1'. The 'Creator' column lists names like Wu Wanjing, Zheng Kaifeng, Wang Zhijuan, and Zheng Kaifeng. The 'operation' column includes options like 'Copy' and '...'. A message at the bottom indicates 'There are 15 articles in total' with a page navigation section.

**Note: The event collection function requires creating a historical computing algorithm on the Algorithm Platform.**

- Click the list name to redirect to the historical computing collection details page.
- Click the list running status to redirect to the secondary interface for batch operation start/stop.
- Click Create Collection to enter the historical computing collection creation page.
- Click the Refresh button to refresh the list.
- Enter the task name and time to filter historical computing collection tasks.
- For deployed historical computing collections, the column operations include Edit and Copy.

## 8.1. Create Collection

Click New in the upper right corner to enter the collection creation page, as shown below:

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query **Historical calculations** Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical calculation collection

Homepage Historical calculations **+New**

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	Creator	Create a labor...	operation
his_20251212_1	deployed	1/1	hina	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwwj	modification Copy ...
zkf_his_20251211-v2	deployed	1/1	hina	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modification Copy ...
zkf_his_20251211-v1	deployed	1/1	hina	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modification Copy ...
zkf_his_20251208-v3	deployed	1/1	hina	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modification Copy ...
zkf_his_20251208-v2	deployed	1/1	hina	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modification Copy ...
zkf_his_20251208-v1	deployed	1/1	hina	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modification Copy ...
zkf_his_20251125-v14w6	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Copy ...
zkf_his_20251125-V14W	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Copy ...
zkf_his_20251125-v14	GWM is under approval	0/1	hina	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Copy ...
zkf_his_20251125-v1	deployed	1/1	hina	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modification Copy ...

There are 15 articles in total 1 2 3 page

## 8.1.1 Configure Vehicle Selection

- Directly click the Group Name under the vehicle group to expand the vehicles in the group. Then click the Checkbox to select the vehicles for which data collection will be created.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query **Historical calculations** Log collection DolP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Historical calculation collection / Create a collection

Homepage Historical calculations **+New**

Select a vehicle/group/model

Select the historical calculation algorithm

TASK CONFIGURATION **SELECTED VEHICLES** 1All canceled

display selected vehicles

Algorithmic information	version	operation
Historical calculations - left rear door	v1.0.2	
Event Algorithm-1	v1.0.0	
Historical calculations - left rear door	v1.0.1	
Historical calculations - left rear door	v1.0.0	
Event Algorithm-2	v1.0.0	
Event Algorithm-1	v1.0.1	
RVJ-Historical Calculation Algorithm-01	v1.1.1	
rjy-algorithm-03	v1.1.2	
History 1542	v1.5.42	
cdp	v1.0.3	
15. Undervoltage of the unit -1-3	v1.0.3	
15. Undervoltage of the unit -1-3	v1.0.0	
15. Undervoltage of the unit -1-3	v1.2.4	
Historical calculation algorithm-1	v99.99.99	
111	v1.2.0	
Historical calculation algorithm	v1.0.0	
error2004-8	v1.0.0	

Save Submit for review Cancel

- Click the Select Vehicles and Groups search box, enter the VIN or group name. The relevant vehicles/groups will be displayed in the list below, which supports fuzzy search.

Historical calculation collection / Create a collection

Select a vehicle/group/model

00111

Vehicle grouping

cs

000000111

Enter the VIN, fuzzy search is supported.

Select the historical calculation algorithm

Algorithmic information version operation

- Historical calculations - left rear door v1.0.2
- Event Algorithm-1 v1.0.0
- Historical calculations - left rear door v1.0.1
- Historical calculations - left rear door v1.0.0
- Event Algorithm-2 v1.0.0
- Event Algorithm-1 v1.0.1
- RJY-Historical Calculation Algorithm-01 v1.1.1
- rjy-algorithm-03 v1.1.2
- History 1542 v1.5.42
- cdp v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.0
- 15. Undervoltage of the unit -1-3 v1.2.4
- Historical calculation algorithm-1 v99.99.99
- 111 v1.2.0
- Historical calculation algorithm v1.0.0
- error2004-8 v1.0.0

Task name: Task name

Forwarding platform:

Requirements binding:

Storage Space (G): 0

Vehicle-side CPU Estimate (%): 0

Vehicle Memory Estimation (M): 0

Input signal:

Output signal:

Query time: 2020-01-01 00:01:00 - End time

Save Submit for review Cancel

- Click the Checkbox next to the vehicle's VIN to select the vehicle. The selected vehicle will be displayed in the Selected Vehicles section.

Historical calculation collection / Create a collection

Select a vehicle/group/model

00111

Vehicle grouping

cs

000000111

Enter the VIN, fuzzy search is supported.

Select the historical calculation algorithm

Algorithmic information version operation

- Historical calculations - left rear door v1.0.2
- Event Algorithm-1 v1.0.0
- Historical calculations - left rear door v1.0.1
- Historical calculations - left rear door v1.0.0
- Event Algorithm-2 v1.0.0
- Event Algorithm-1 v1.0.1
- RJY-Historical Calculation Algorithm-01 v1.1.1
- rjy-algorithm-03 v1.1.2
- History 1542 v1.5.42
- cdp v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.0
- 15. Undervoltage of the unit -1-3 v1.2.4
- Historical calculation algorithm-1 v99.99.99
- 111 v1.2.0
- Historical calculation algorithm v1.0.0
- error2004-8 v1.0.0

Task configuration: 1All canceled

Display Selected Vehicles

Save Submit for review Cancel

- Click Vehicle Model to expand the vehicle model and series group (not expanded by default). You can select all vehicles under a specific model by checking that model.

Historical calculation collection / Create a collection

Select a vehicle/group/model

Select the historical calculation algorithm

Click Vehicle Model and check the vehicles.

Algorithmic information version operation

- Historical calculations - left rear door v1.0.2
- Event Algorithm-1 v1.0.0
- Historical calculations - left rear door v1.0.1
- Historical calculations - left rear door v1.0.0
- Event Algorithm-2 v1.0.0
- Event Algorithm-1 v1.0.1
- RJY-Historical Calculation Algorithm-01 v1.1.1
- rjy-algorithm-03 v1.1.2
- History 1542 v1.5.42
- cdp v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.0
- 15. Undervoltage of the unit -1-3 v1.2.4
- Historical calculation algorithm-1 v99.99.99
- 111 v1.2.0
- Historical calculation algorithm v1.0.0
- error2004-8 v1.0.0

Task Configuration Selected Vehicles

Task name: Task name

Forwarding platform:

Requirements binding:

Storage Space (G): 0

Vehicle-side CPU Estimate (%): 0

Vehicle Memory Estimation (M): 0

Input signal:

Output signal:

Query time: 2020-01-01 00:01:00 → End time

Save Submit for review Cancel

## 8.1.2 Configure and Select Historical Computing Algorithms

All released versions of event algorithms are displayed in the selection box; you can scroll down to view them.

- The historical computing algorithm selection list displays algorithm information, version number, and algorithm details.
- Click the Checkbox of a historical computing algorithm to select the corresponding event; click the View Description icon in the operation column to check the algorithm's description, creator, and version number.

Historical calculation collection / Create a collection

Select a vehicle/group/model

Select the historical calculation algorithm

Display all historical computing algorithms

Algorithmic information version operation

- Historical calculations - left rear door v1.0.2
- Event Algorithm-1 v1.0.0
- Historical calculations - left rear door v1.0.1
- Historical calculations - left rear door v1.0.0
- Event Algorithm-2 v1.0.0
- Event Algorithm-1 v1.0.1
- RJY-Historical Calculation Algorithm-01 v1.1.1
- rjy-algorithm-03 v1.1.2
- History 1542 v1.5.42
- cdp v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.3
- 15. Undervoltage of the unit -1-3 v1.0.0
- 15. Undervoltage of the unit -1-3 v1.2.4
- Historical calculation algorithm-1 v99.99.99
- 111 v1.2.0
- Historical calculation algorithm v1.0.0
- error2004-8 v1.0.0

Task Configuration Selected Vehicles

Task name: Task name

Forwarding platform:

Requirements binding:

Storage Space (G): 0

Vehicle-side CPU Estimate (%): 0

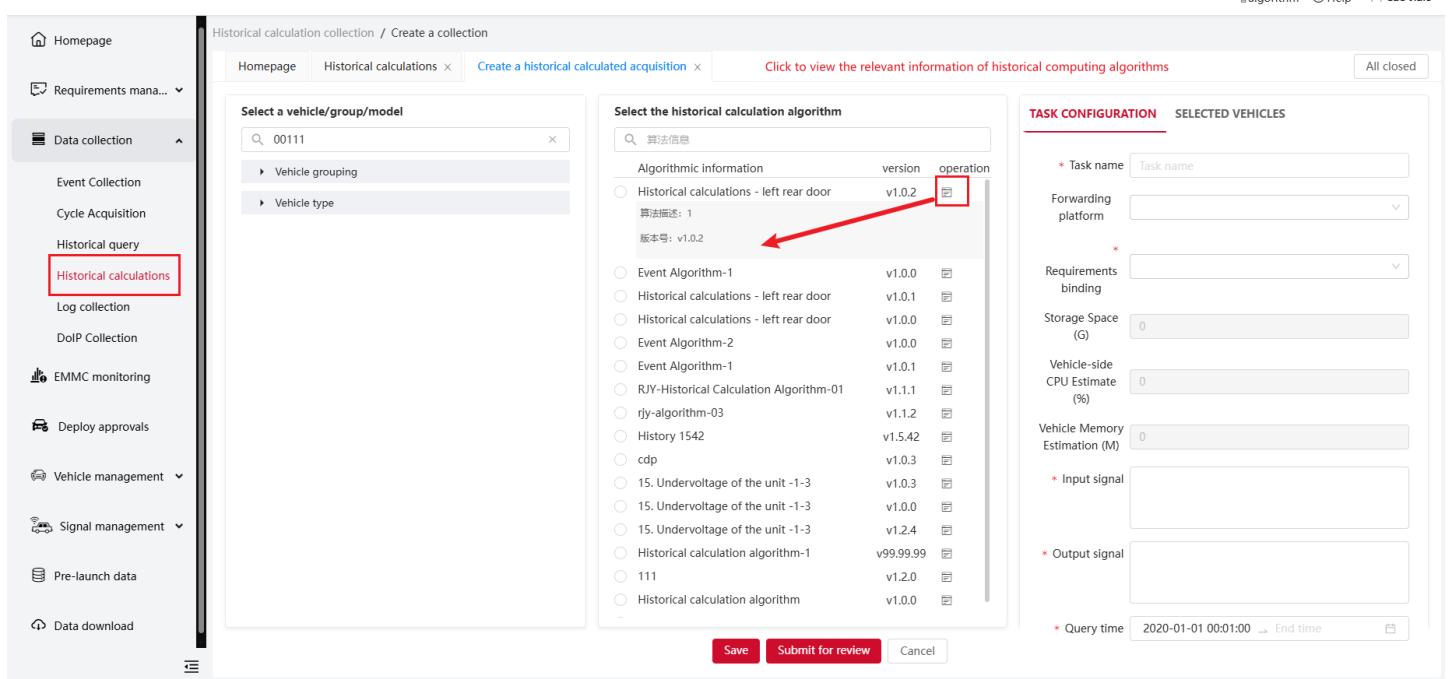
Vehicle Memory Estimation (M): 0

Input signal:

Output signal:

Query time: 2020-01-01 00:01:00 → End time

Save Submit for review Cancel



### 8.1.3 Task Configuration

- Click the Task Name input box and enter a name. It supports Chinese characters, numbers, letters, hyphens, and underscores. The collection task name must be unique.
- Click the Forwarding Platform selection box to choose forwarding platforms. Multiple selections are supported, and this is an optional field.
- Click the Requirement Binding input box. Requirement binding associates with vehicle models. You need to select a vehicle model first to retrieve the requirement list for that vehicle, then choose the relevant requirement.
- Click the query time selection box to set the query time. This is a required field.
- After selecting vehicles and historical computing algorithms, the storage space, vehicle-side CPU, and vehicle-side memory will be calculated and displayed automatically.
- When a historical computing algorithm is selected, the signals included in that algorithm will be automatically imported into the Signals display box.

The screenshot shows the 'Create a collection' interface. On the left, a sidebar lists various vehicle management and data collection modules. The main area is divided into three sections: 'Select a vehicle/group/model', 'Select the historical calculation algorithm', and 'TASK CONFIGURATION'.

**Select a vehicle/group/model:** A search bar shows '00111'. Below it, 'Vehicle grouping' is expanded, and 'Vehicle type' is selected, with 'China' listed under it.

**Select the historical calculation algorithm:** A search bar shows '算法信息'. The list includes various historical calculation algorithms, with 'Historical calculations - left rear door' selected (radio button is checked). A note above the list says 'Automatically import the resources of historical computing algorithms and the estimated vehicle-side resources'.

**TASK CONFIGURATION:** This section is highlighted with a red box. It contains fields for 'Task name', 'Forwarding platform', 'Requirements binding', 'Storage Space (G)', 'Vehicle-side CPU Estimate (%)', 'Vehicle Memory Estimation (M)', 'Input signal' (set to 'msg\_time.ADAS1\_CANFD.BCM1.LRDoorSts'), 'Output signal' (set to 'HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_100,HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_101,HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_102,HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_103'), and 'Query time' (set to '2020-01-01 00:01:00').

- For the Selected Vehicles list, the number of selected vehicles and the Deselect All function button are displayed on the right.
- Hover over an item in the Selected Vehicles list to show the Delete button. Click it to remove the selected vehicle, and the corresponding checkbox on the left will be automatically deselected. Click Deselect All to cancel the selection of all vehicles.

The screenshot shows the 'Create a historical calculated acquisition' page. On the left, a sidebar lists various data collection and management modules. The main area has three tabs: 'Homepage', 'Historical calculations', and 'Create a historical calculated acquisition' (which is active). The 'Create a historical calculated acquisition' tab has three sub-sections:

- Select a vehicle/group/model:** A search bar with '00111' and a dropdown for 'Vehicle grouping' showing 'cs' and '111'.
- Select the historical calculation algorithm:** A search bar with '算法信息' and a list of algorithms. The 'Historical calculations - left rear door' algorithm (v1.0.2) is selected. Other listed algorithms include 'Event Algorithm-1' (v1.0.0), 'Event Algorithm-2' (v1.0.0), 'Event Algorithm-1' (v1.0.1), 'RJY-Historical Calculation Algorithm-01' (v1.1.1), 'rjy-algorithm-03' (v1.1.2), 'History 1542' (v1.5.42), 'cdp' (v1.0.3), '15. Undervoltage of the unit -1-3' (v1.0.3), '15. Undervoltage of the unit -1-3' (v1.0.0), '15. Undervoltage of the unit -1-3' (v1.2.4), 'Historical calculation algorithm-1' (v99.99.99), '111' (v1.2.0), and 'Historical calculation algorithm' (v1.0.0).
- TASK CONFIGURATION:** A table with a single row: 'LGWDE0900000000111'. The 'SELECTED VEHICLES' column shows '1All canceled' with a red box and a delete button. A red arrow points to the delete button with the text 'Click the Delete button to remove the selected vehicles.'

At the bottom are 'Save', 'Submit for review', and 'Cancel' buttons.

- Click the Save button after configuration to save the data of this historical computing collection task without deploying it. You can re-enter the page later to modify and deploy the task.
- Click the Submit for Review button. The newly created task will appear in the Periodic Collection Management list, where you can view the deployment status and submit it to the platform for review.

- Click Cancel to exit the collection creation page, and the current collection task will not be created.

## 8.2. View Collection Task Details

Click the Task Name to view the details of the current collection task:

- Displays selected vehicles, signals, and task configuration.
- Task configuration includes the task name of the historical computing collection, forwarding platforms, query time, as well as the name, description, creator, and version number of the event algorithm.

Historical calculation collection / Historical calculation collection details

Homepage Historical calculations Create a historical calculated acquisition Historical calculation details All closed

Vehicles are selected 1

Vehicle VIN

Output signal 52

Signal name

HC\_CANFD.BMS\_FD9.BMS\_SWVersion  
HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_100  
HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_101  
HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_104  
HC\_CANFD.BMS\_FD9.BMS\_SingleCellVolt\_99  
HC\_CANFD.DCDC2.DCDC\_ActSts\_RM  
HC\_CANFD.EVCC1.EVCC\_EVSESts  
HC\_CANFD  
AC11  
AC\_HCUOBDError\_Status1  
HC\_CANFD.BMS\_FD1.BMS\_BoostChrgReq  
HC\_CANFD.LBM2.Checksum\_LBM2  
HC\_CANFD.LBM2.LBMPkgInCurrLaneSOFVASIC  
HC\_CANFD.LBM2.LBMPullOverSOFVASIC  
HC\_CANFD.LBM2.RollingCounter\_LBM2

Task configuration

Task Name: this\_20251212\_1  
Vehicle Type: 'China  
Forwarding platform: None  
Storage space: 0G  
Vehicle CPU Estimate: 5.7%  
Vehicle memory estimate: 1.9M  
Enquiry time: Dec. 12, 2025 1:00:00 PM — Dec. 12, 2025 2:00:00 PM  
Algorithm Name: Event Algorithm-1  
Algorithm description: Measure performance  
Version number: v1.0.0  
Requirements binding: test180

## 8.3. Copy Collection Task

Select a collection task and click Copy to enter the Copy Collection Task page.

- You can reselect vehicles.
- You can reselect historical computing algorithms, with the original algorithm set as the default.
- The task name must be modified.
- Click Save, and the newly copied collection task will appear in the list with the deployment status marked as Undeployed.
- Click Submit for Review to initiate the approval process. Once approved, the task will be deployed to the selected vehicles. If a new historical computing algorithm is modified, the algorithm running on the original vehicles will be overwritten.

Homepage

Historical calculation collection

Homepage Historical calculations

Task name Creator Create a l... Start time End time Inquire +New

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	Creator	Create a labor...	operation
his_20251212_1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwj	modification
zkf_his_20251211-v2	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modification
zkf_his_20251211-v1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modification
zkf_his_20251208-v3	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modification
zkf_his_20251208-v2	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modification
zkf_his_20251208-v1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modification
zkf_his_20251125-v14w6	GWM is under approval	<div style="width: 0%;">0/1</div>	/ China	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification
zkf_his_20251125-V14W	GWM is under approval	<div style="width: 0%;">0/1</div>	/ China	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification
zkf_his_20251125-v14	GWM is under approval	<div style="width: 0%;">0/1</div>	/ China	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification
zkf_his_20251125-v1	deployed	<div style="width: 100%;">1/1</div>	/ China	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modification

Click to enter the Copy Collection Task page. All closed

There are 15 articles in total 1 2 3 Skip to page

## 8.4. More Operations "..."

Click "..." in the operation column to access more operations.

1. "Run": Rerun the task on all vehicles and update the deployment status.
2. "Stop": Stop the task on all vehicles and update the deployment status.
3. "Urge Approval": Send a message via the interface to urge the approver to review the task.
4. "Withdraw Approval": Send a message via the interface to withdraw the approval application.
5. "View Status": A dialog box will pop up to display the approval status.

The screenshot shows a software interface for managing historical calculations. On the left, a sidebar lists various modules: Homepage, Requirements management, Data collection, Event Collection, Cycle Acquisition, Historical query, Historical calculations (which is currently selected), Log collection, DoIP Collection, EMMC monitoring, Deploy approvals, Vehicle management, Signal management, Pre-launch data, and Data download. The main area is titled 'Historical calculation collection' and contains a table with the following columns: Task name, Deployment status, Run the process, Vehicle type, Query start time, Query end time, Creator, Create a labor..., and operation. The table lists ten tasks, each with a status (e.g., deployed, GWM is under approval, GWM is approved, GWM rejected, Under Approval, Rejected, Deployed) and a corresponding 'Run the process' button. The 'operation' column shows buttons for modification, copy, and other actions. A red box highlights the 'Copy' button for the first task, which is in the 'Deployed' status. Below the table, a message says 'There are 15 articles in total' with page navigation buttons (1, 2, >).

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	Creator	Create a labor...	operation
his_20251212_1	deployed	1/1	hina	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwwj	modification, copy, ...
zkf_his_20251211-v2	deployed	1/1	hina	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	mod, Run
zkf_his_20251211-v1	deployed	1/1	hina	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	mod, Stop it, Urge
zkf_his_20251208-v3	deployed	1/1	hina	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	mod, Withdrawn
zkf_his_20251208-v2	deployed	1/1	hina	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	mod, Check the status
zkf_his_20251208-v1	deployed	1/1	hina	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modification, copy, ...
zkf_his_20251125-v14w6	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification, copy, ...
zkf_his_20251125-V14W	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification, copy, ...
zkf_his_20251125-v14	GWM is under approval	0/1	hina	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification, copy, ...
zkf_his_20251125-v1	deployed	1/1	hina	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modification, copy, ...

There are 15 articles in total 1 2 > Skip to  page

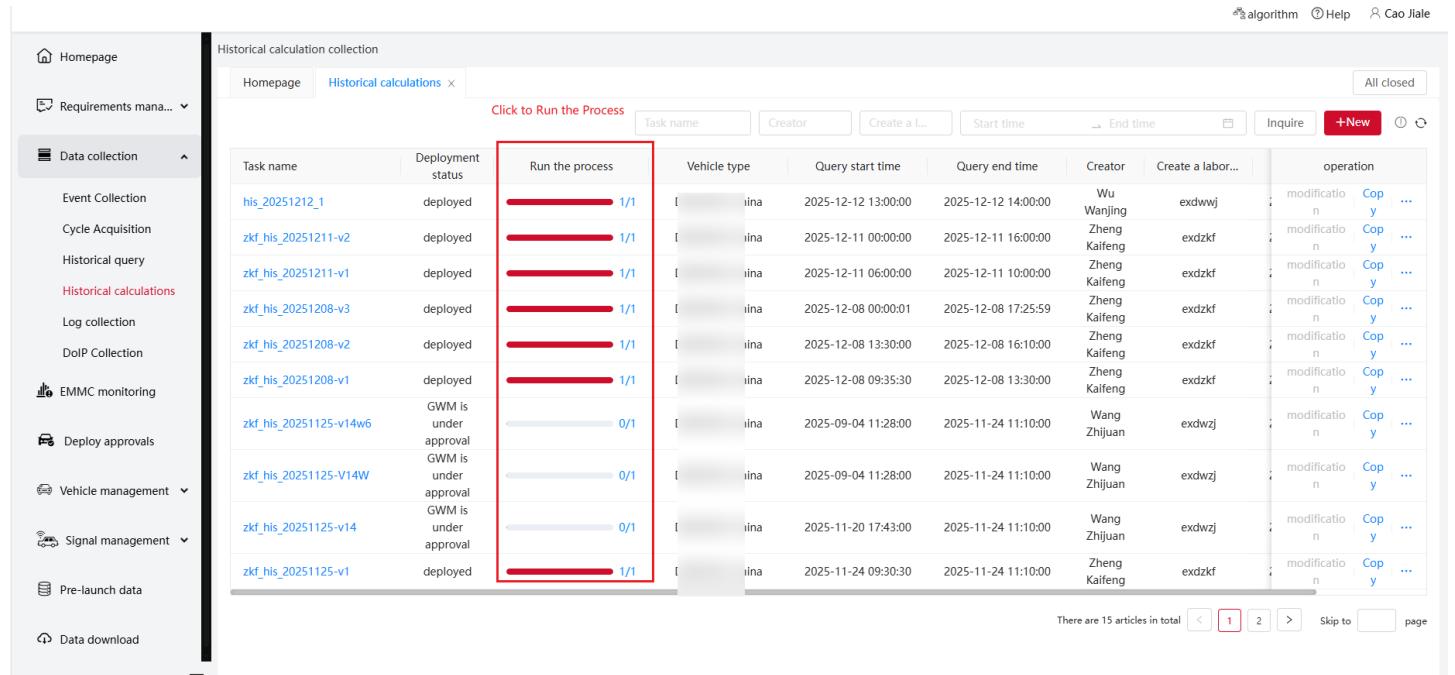
## 8.4.1 Button Status

- Unsubmitted: The Urge Approval, Withdraw Approval, and View Status functions are not clickable.
- Under GWM Approval: The Urge Approval, Withdraw Approval, and View Status functions are clickable.
- GWM Approved: The View Status function is clickable; Urge Approval and Withdraw Approval are not clickable.
- GWM Rejected: The View Status function is clickable; Urge Approval and Withdraw Approval are not clickable.
- Under Approval: The View Status function is clickable; Urge Approval and Withdraw Approval are not clickable.
- Rejected: The View Status function is clickable; Urge Approval and Withdraw Approval are not clickable.
- Deployed: The View Status function is clickable; Urge Approval and Withdraw Approval are not clickable.

## 8.5 Secondary Page of Historical Calculation Collection

Click Run in the collection task list to enter the secondary page of Historical Calculation Collection. You can view the deployment status and executable operations of each vehicle under the task (operations are displayed in blue when executable, and grayed out when not executable), as shown in the figure below:

The list displays VIN, Deployment Status, Status Description, Last Execution Time and Operations.



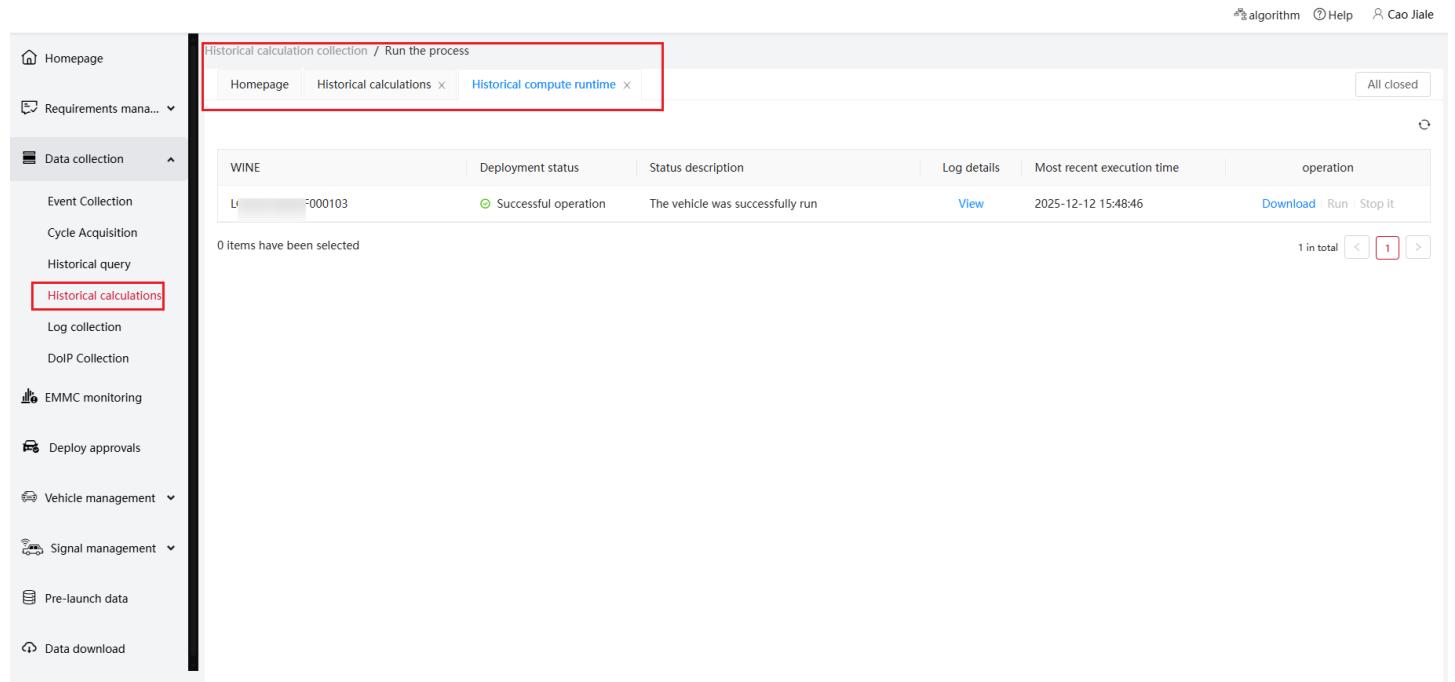
Historical calculation collection

Homepage Historical calculations

Click to Run the Process

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	Creator	Create a labor...	operation
his_20251212_1	deployed	1/1	iina	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwj	modification Cop y ...
zkf_his_20251211-v2	deployed	1/1	iina	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modification Cop y ...
zkf_his_20251211-v1	deployed	1/1	iina	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modification Cop y ...
zkf_his_20251208-v3	deployed	1/1	iina	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modification Cop y ...
zkf_his_20251208-v2	deployed	1/1	iina	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modification Cop y ...
zkf_his_20251208-v1	deployed	1/1	iina	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modification Cop y ...
zkf_his_20251125-v1w6	GWM is under approval	0/1	iina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Cop y ...
zkf_his_20251125-V14W	GWM is under approval	0/1	iina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Cop y ...
zkf_his_20251125-v14	GWM is under approval	0/1	iina	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modification Cop y ...
zkf_his_20251125-v1	deployed	1/1	iina	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modification Cop y ...

There are 15 articles in total



Historical calculation collection / Run the process

Homepage Historical calculations Historical compute runtime

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
Li 000103	Successful operation	The vehicle was successfully run	View	2025-12-12 15:48:46	Download Run Stop it

0 items have been selected

1 in total

## 8.5.1 Operation - Run

When the vehicle is in a runnable state, the Retry option in the operations is displayed in blue and clickable.

Click Run to execute the operation for the vehicle and update its deployment status.

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
00103	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 15:48:46	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

## 8.5.2 Operation - Stop

When the vehicle is in a stoppable state, the Stop option in the operations is displayed in blue and clickable.

Click Stop to halt the operation for the vehicle and update its deployment status.

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
00103	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 15:48:46	<a href="#">Download</a> <a href="#">Run</a> <a href="#">Stop it</a>

## 8.5.3 Operation - Download

On the secondary page of Historical Calculation Collection, select the vehicle data you want to download and click Download in the list operations. You will then be redirected to the data download page, which includes a query function bar and a data list, as shown in the figure below:

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
LF000103	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-12 15:48:46	<a href="#">Download</a>

You will be redirected to this page (the breadcrumb path displays Data Download):

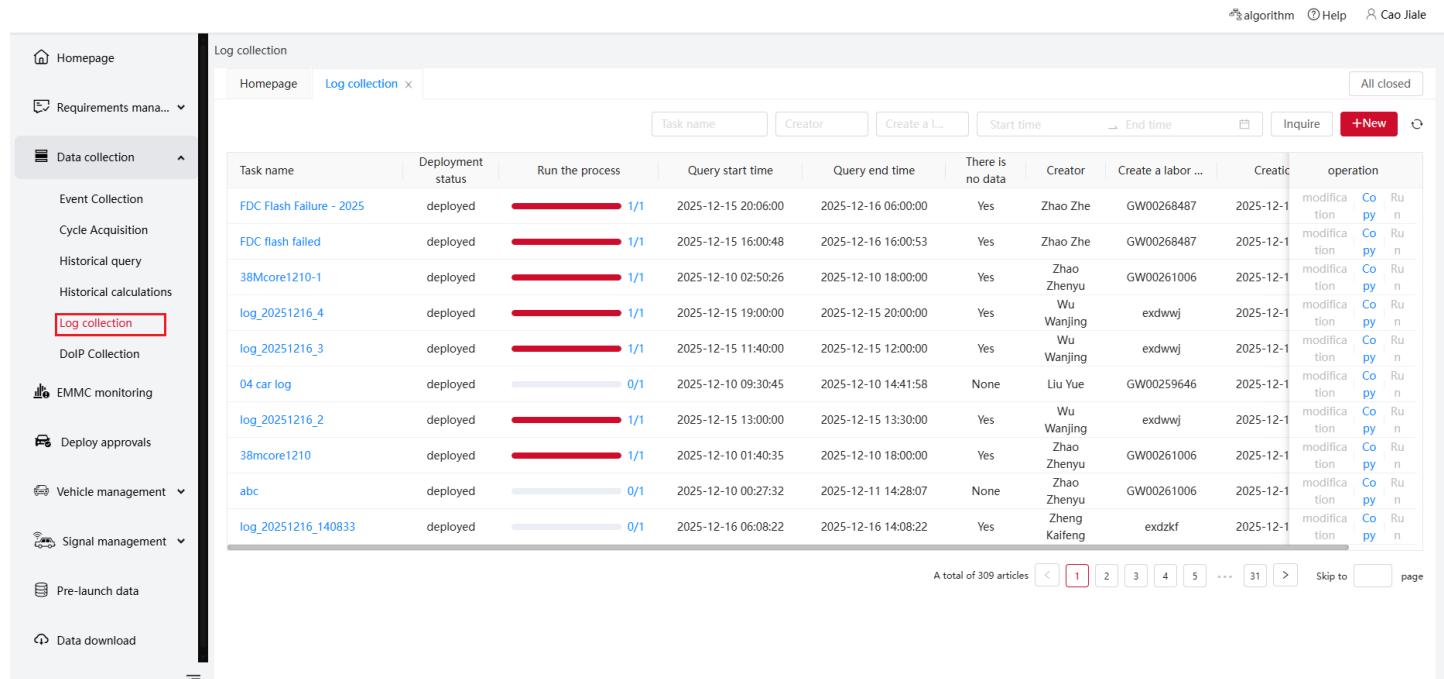
- Time and VIN filtering are supported, and multiple VINs can be selected.
- Batch download of selected data is available. Select the corresponding download format.
- The operation is: Download.
- Click Download in the operations to download the vehicle data.

VIN number	Data type	File path	Data status	matrix version	Trigger time	Data start time	operation
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:57:00.057	2025-12-12 13:56:30	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:49:30.056	2025-12-12 13:49:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:39:30.055	2025-12-12 13:39:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:28:00.054	2025-12-12 13:27:30	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:22:00.053	2025-12-12 13:21:30	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:20:30.053	2025-12-12 13:20:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:14:30.051	2025-12-12 13:14:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:12:30.050	2025-12-12 13:12:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:06:30.799	2025-12-12 13:06:00	<a href="#">Download</a>
000103	vsw	<a href="#">View</a>	Success	DE30-V2.6	2025-12-12 13:04:00.800	2025-12-12 13:03:30	<a href="#">Download</a>

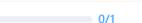
## 9. Log Collection

Log collection refers to the collection of vehicle-end log data by users based on business requirements or problem investigation. Users set the time range for log collection, distribute the

log collection rules to the vehicle end, and the vehicle end uploads the vehicle-end log data within this time range to the cloud.



The screenshot shows the 'Log collection' interface. On the left, a sidebar menu includes 'Homepage', 'Requirements mana...', 'Data collection' (with 'Log collection' highlighted), 'DolP Collection', 'EMMC monitoring', 'Deploy approvals', 'Vehicle management' (with 'Signal management' collapsed), 'Pre-launch data', and 'Data download'. The main area is titled 'Log collection' and shows a table of tasks. The table columns are: Task name, Deployment status, Run the process, Query start time, Query end time, There is no data, Creator, Create a labor ..., Create a ..., and operation. The table contains 14 rows of data. At the bottom, there are pagination controls and a 'Skip to' input field.

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Create a ...	operation
FDC Flash Failure - 2025	deployed	 1/1	2025-12-15 20:06:00	2025-12-16 06:00:00	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
FDC flash failed	deployed	 1/1	2025-12-15 16:00:48	2025-12-16 16:00:53	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
38Mcore1210-1	deployed	 1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_4	deployed	 1/1	2025-12-15 19:00:00	2025-12-15 20:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
log_20251216_3	deployed	 1/1	2025-12-15 11:40:00	2025-12-15 12:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
04 car log	deployed	 0/1	2025-12-10 09:30:45	2025-12-10 14:41:58	None	Liu Yue	GW00259646	2025-12-1	modification
log_20251216_2	deployed	 1/1	2025-12-15 13:00:00	2025-12-15 13:30:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
38mcore1210	deployed	 1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
abc	deployed	 0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_140833	deployed	 0/1	2025-12-16 06:08:22	2025-12-16 14:08:22	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification

1. Clicking the list name redirects to the Log Collection Details page.
2. Clicking the list Deployment Status redirects to the secondary interface.
3. Click Create Collection to enter the Log Collection Creation page.
4. Click the Refresh button to refresh the list.
5. Enter the task name and time to filter log collection tasks.
6. The operation in the list items is Copy.
7. Draft: Copy is clickable; Edit, Run are grayed out and unavailable.
8. Deployed: Copy is clickable; Edit, Run are grayed out and unavailable.

## 9.1 Create Collection

Click New in the upper right corner to enter the Create Collection page, as shown below:

Log collection

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creator	operation
FDC Flash Failure - 2025	deployed	1/1	2025-12-15 20:06:00	2025-12-16 06:00:00	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
FDC flash failed	deployed	1/1	2025-12-15 16:00:48	2025-12-16 16:00:53	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
38Mcore1210-1	deployed	1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_4	deployed	1/1	2025-12-15 19:00:00	2025-12-15 20:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
log_20251216_3	deployed	1/1	2025-12-15 11:40:00	2025-12-15 12:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
04 car log	deployed	0/1	2025-12-10 09:30:45	2025-12-10 14:41:58	None	Liu Yue	GW00259646	2025-12-1	modification
log_20251216_2	deployed	1/1	2025-12-15 13:00:00	2025-12-15 13:30:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
38mcore1210	deployed	1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
abc	deployed	0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_140833	deployed	0/1	2025-12-16 06:08:22	2025-12-16 14:08:22	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification

A total of 309 articles

## 9.1.1 Configure Vehicle Selection

- Click the Group Name directly under the vehicle group to expand the vehicles in that group. Then click the checkbox to select the vehicles for which log collection is to be created.

Log collection / Create a collection

Select a vehicle/group/model

Task configuration

Forwarding platform

Requirements binding

Storage Space (G)

Vehicle-side CPU Estimate (%)

Vehicle Memory Estimation (M)

Query time

Save deployment Cancel

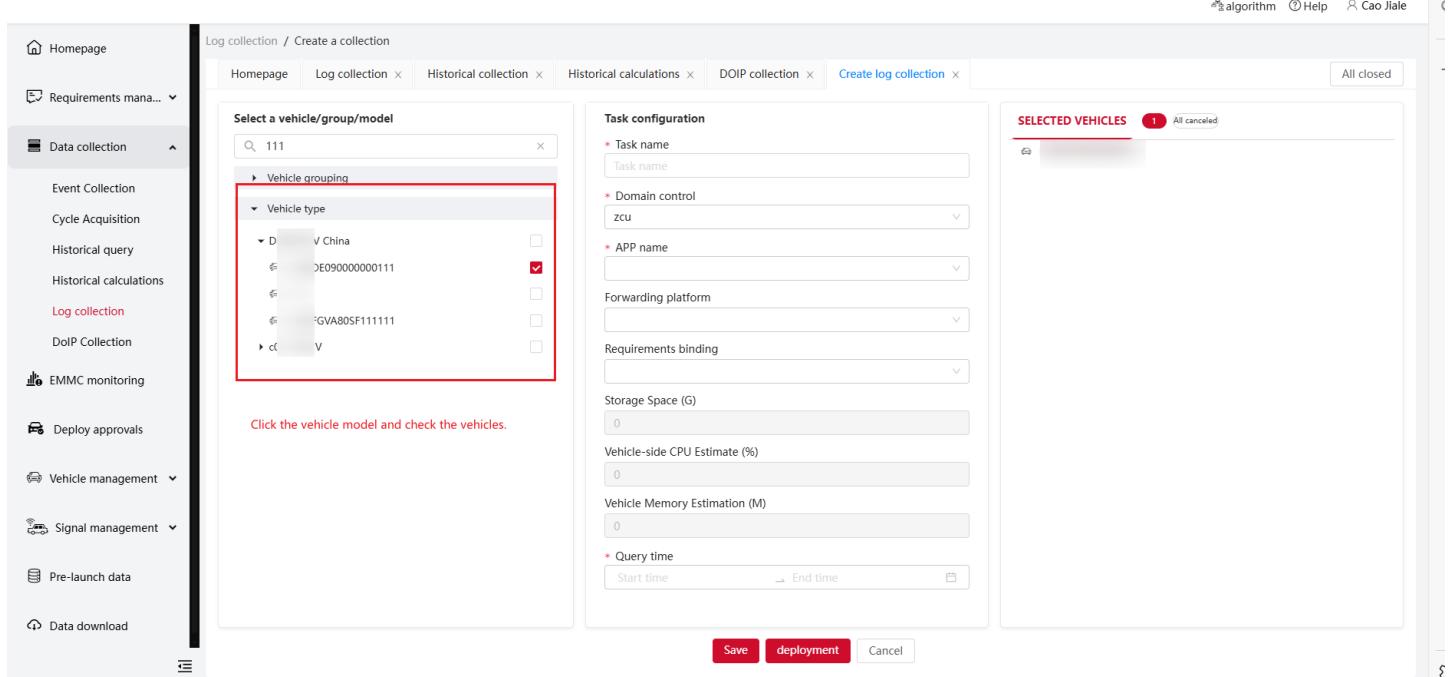
- Click the Select Vehicles and Groups search box, enter the VIN or group name. The matching vehicles or groups will be displayed in the list below, with fuzzy search supported.

The screenshot shows the 'Create log collection' page. On the left, a sidebar lists various data collection and management options. The 'Log collection' option is selected and highlighted with a red box. In the main area, a search bar and a 'Vehicle grouping' section are visible. A vehicle with VIN '000111' is selected, indicated by a checked checkbox. The 'Task configuration' section includes fields for Task name, Domain control (set to 'zcu'), APP name, Forwarding platform, Requirements binding, Storage Space (0G), Vehicle-side CPU Estimate (0%), Vehicle Memory Estimation (0M), and Query time (Start time to End time). A 'SELECTED VEHICLES' section on the right shows the selected vehicle '000111' with a status of 'All canceled'. A red box highlights the 'display selected vehicles' link. At the bottom are 'Save', 'deployment', and 'Cancel' buttons.

- Click the checkbox next to the vehicle VIN to select the vehicle. The selected vehicles will be displayed in the Selected Vehicles section.

The screenshot shows the 'Create log collection' page. The sidebar and search interface are identical to the previous screenshot. The vehicle with VIN '000111' is now selected, as indicated by a checked checkbox. The 'SELECTED VEHICLES' section on the right shows the selected vehicle 'LGWDE090000000111' with a status of 'All canceled'. A red box highlights the 'Display Selected Vehicles' link. The task configuration fields are identical to the previous screenshot. At the bottom are 'Save', 'deployment', and 'Cancel' buttons.

- Click Vehicle Model to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box for that model.



## 9.1.2 Task Configuration

- Click the Task Name input box and enter a task name. It supports Chinese characters, numbers, letters, hyphens and underscores. Task names for collection cannot be duplicated.
- Click the Domain Controller selection box. It supports ZCU and SOME/IP, and this is a mandatory field.
- If ZCU is selected, click the APP Name selection box. Multiple selections are supported, and this is a mandatory field.
- If SOME/IP is selected, click the Log Type selection box to choose log types. Multiple selections are supported, and this is a mandatory field.
- If SOME/IP is selected, click the ECU selection box to choose ECUs. Multiple selections are supported, and this is a mandatory field.
- Click the Forwarding Platform selection box to choose forwarding platforms. Multiple selections are supported, and this is an optional field.
- To bind requirements to associated vehicles, you need to select vehicles first. Then obtain the requirement list for the selected vehicle models and choose requirements. This is an optional field.
- After selecting vehicles, the system will calculate and display the storage space, vehicle-end CPU usage and vehicle-end memory usage.
- Click the Query Time selection box to set the query time. This is a mandatory field.

- In the Selected Vehicles list, the number of selected vehicles and the Deselect All function button are displayed on the right side.
- Hover the mouse over an entry in the Selected Vehicles list, and a Delete button will appear. Click this button to remove the selected vehicle, and the corresponding checkbox on the left side will be unchecked simultaneously. Click Deselect All to cancel the selection of all vehicles.

- After completing the configuration, click the Save button to save the data of this periodic collection task. The task will not be distributed or deployed. You can re-enter the page to modify and deploy the task later.

- Click the Deploy button to submit the task for approval. Once approved, the task will be distributed to the vehicle end.
- Click Cancel to exit the collection creation page without creating the current collection task.

## 9.2 View Collection Task Details

Click the Task Name to view the details of the current collection task:

- Displays the selected vehicles, time configuration and task configuration.
- The task configuration section shows the log collection task name, log type, ECU and forwarding platform.

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Create time	operation
FDC Flash Failure - 2025	deployed	1/1	2025-12-15 20:06:00	2025-12-16 06:00:00	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
FDC flash failed	deployed	1/1	2025-12-15 16:00:48	2025-12-16 16:00:53	Yes	Zhao Zhe	GW00268487	2025-12-1	modification
38Mcore1210-1	deployed	1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_4	deployed	1/1	2025-12-15 19:00:00	2025-12-15 20:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
log_20251216_3	deployed	1/1	2025-12-15 11:40:00	2025-12-15 12:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
04 car log	deployed	0/1	2025-12-10 09:30:45	2025-12-10 14:41:58	None	Liu Yue	GW00259646	2025-12-1	modification
log_20251216_2	deployed	1/1	2025-12-15 13:00:00	2025-12-15 13:30:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
38Mcore1210	deployed	1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification
abc	deployed	0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None	Zhao Zhenyu	GW00261006	2025-12-1	modification
log_20251216_140833	deployed	0/1	2025-12-16 06:08:22	2025-12-16 14:08:22	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification

## 9.3 Collection Copy

Select a collection task and click Copy to enter the collection copy page.

- You can reselect vehicles.
- You can reselect the domain controller, log type, ECU, forwarding platform and query time.
- The task name must be modified.
- Click Deploy to submit for approval. Once approved, the task will be deployed and distributed to the selected vehicles.

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Create a ...	operation
FDC Flash Failure - 2025	deployed	1/1	2025-12-15 20:06:00	2025-12-16 06:00:00	Yes	e	GW00268487	2025-12-1	modification
FDC flash failed	deployed	1/1	2025-12-15 16:00:48	2025-12-16 16:00:53	Yes	e	GW00268487	2025-12-1	modification
38Mcore1210-1	deployed	1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes		GW00261006	2025-12-1	modification
log_20251216_4	deployed	1/1	2025-12-15 19:00:00	2025-12-15 20:00:00	Yes	j	exdwwj	2025-12-1	modification
log_20251216_3	deployed	1/1	2025-12-15 11:40:00	2025-12-15 12:00:00	Yes	j	exdwwj	2025-12-1	modification
04 car log	deployed	0/1	2025-12-10 09:30:45	2025-12-10 14:41:58	None		GW00259646	2025-12-1	modification
log_20251216_2	deployed	1/1	2025-12-15 13:00:00	2025-12-15 13:30:00	Yes	j	exdwwj	2025-12-1	modification
38mcore1210	deployed	1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes		GW00261006	2025-12-1	modification
abc	deployed	0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None		GW00261006	2025-12-1	modification
log_20251216_140833	deployed	0/1	2025-12-16 06:08:22	2025-12-16 14:08:22	Yes	Kaieng	exdzkf	2025-12-1	modification

A total of 309 articles Skip to page

Enter the collection copy page

## 9.4 Run Operation

Select a collection task to execute the run operation.

1. Run: Re-run the task on all vehicles and update the deployment status.
2. Note: Only the task creator is allowed to perform the run operation.

## 9.5 Secondary Page of Log Collection

Click Running Process in the collection task list to enter the secondary page of data collection. You can view the deployment status and executable operations of each vehicle under the task, as shown in the figure below: The list displays VIN, Deployment Status, Status Description, Last Execution Time and Operations.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection (highlighted with a red box) DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Log collection

Homepage Log collection (highlighted with a red box) All closed

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creator	operation
log_20251216_172255	deployed	0/1	2025-12-16 09:22:45	2025-12-16 17:22:45	Yes	Wu Wanjing	exdwwj	2025-12-1	modification Co Run
FDC Flash Failure - 2025	deployed	1/1	2025-12-15 20:06:00	2025-12-16 06:00:00	Yes	Zhao Zhe	GW00268487	2025-12-1	modification Co Run
FDC flash failed	deployed	1/1	2025-12-15 16:00:48	2025-12-16 16:00:53	Yes	Zhao Zhe	GW00268487	2025-12-1	modification Co Run
38Mcore1210-1	deployed	1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification Co Run
log_20251216_4	deployed	1/1	2025-12-15 19:00:00	2025-12-15 20:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification Co Run
log_20251216_3	deployed	1/1	2025-12-15 11:40:00	2025-12-15 12:00:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification Co Run
04 car log	deployed	0/1	2025-12-10 09:30:45	2025-12-10 14:41:58	None	Liu Yue	GW00259646	2025-12-1	modification Co Run
log_20251216_2	deployed	1/1	2025-12-15 13:00:00	2025-12-15 13:30:00	Yes	Wu Wanjing	exdwwj	2025-12-1	modification Co Run
38mcore1210	deployed	1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modification Co Run
abc	deployed	0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None	Zhao Zhenyu	GW00261006	2025-12-1	modification Co Run

A total of 310 articles 1 2 3 4 5 ... 31 > Skip to page

Click to enter the secondary page of log collection

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection (highlighted with a red box) DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Log collection / Run the process

Homepage Log collection (highlighted with a red box) Log collection runs All closed

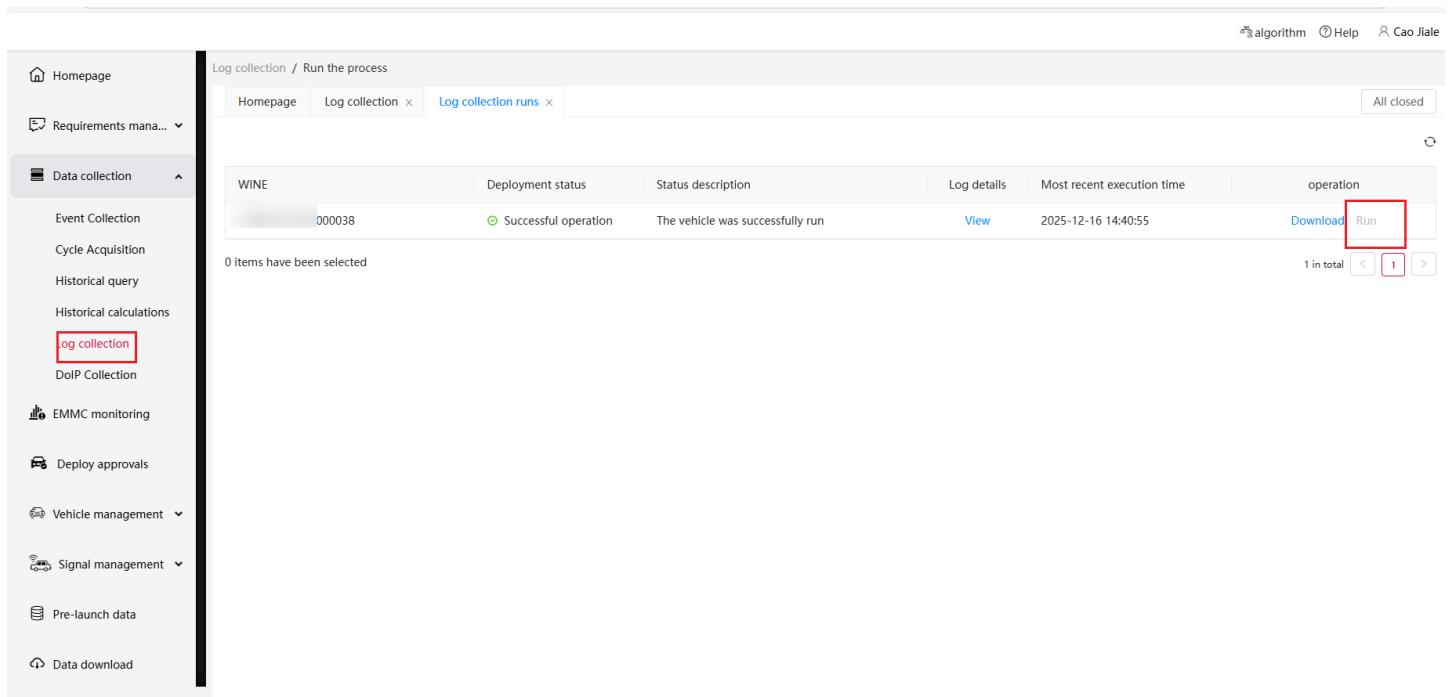
WINE	Deployment status	Status description	Log details	Most recent execution time	operation
SF000038	Successful operation	The vehicle was successfully run	View	2025-12-16 14:40:55	Download Run

0 items have been selected

1 in total 1 >

## 9.5.1 Operation - Run

When the vehicle is in a runnable state, the Run option in the operations section will be displayed in blue and become clickable. Click Run to execute the task on the vehicle and update the deployment status.



Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection (highlighted with red box) DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Log collection / Run the process

Log collection runs

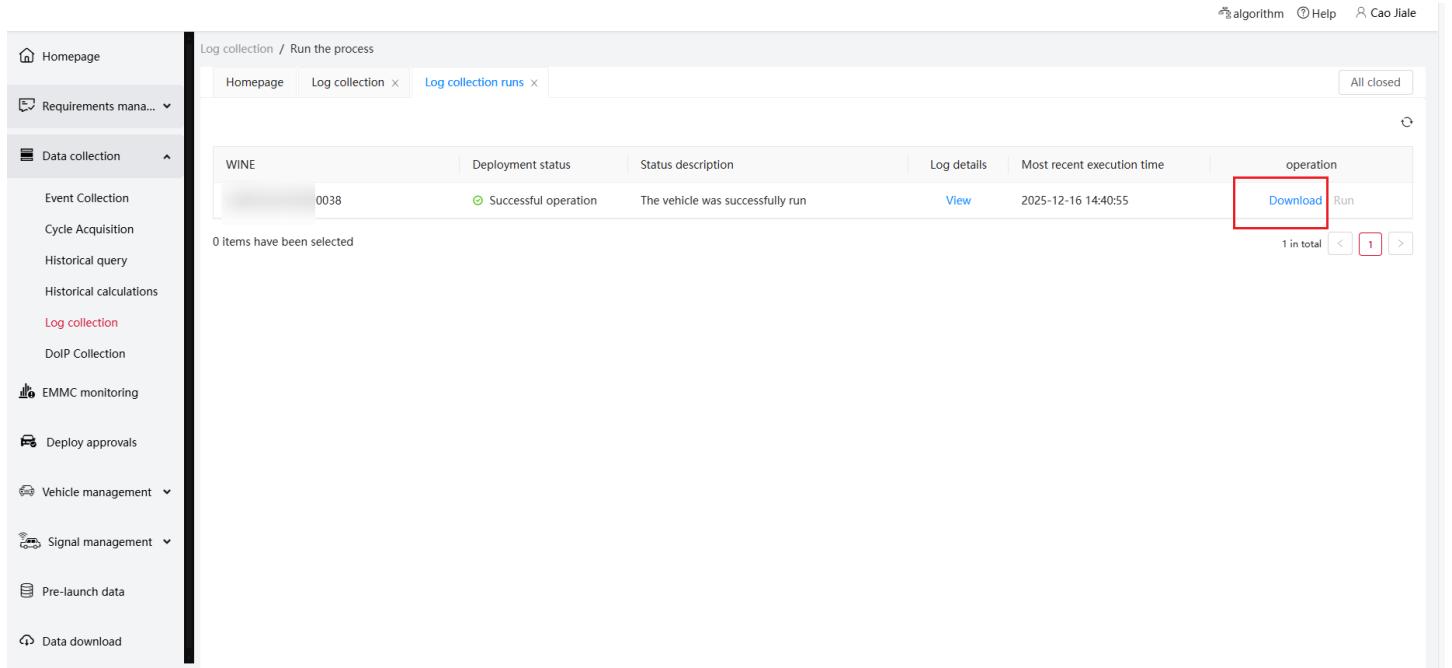
WINE	Deployment status	Status description	Log details	Most recent execution time	operation
000038	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-16 14:40:55	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total [1](#) [>](#)

## 9.5.2 Operation - Download

On the secondary page of log collection, select the vehicle data you want to download and click Download in the list operations. You will then be redirected to the data download page, which includes a query function bar and a data list, as shown in the figure below.



Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection (highlighted with red box) DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Log collection / Run the process

Log collection runs

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
0038	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-16 14:40:55	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total [1](#) [>](#)

Redirect to and open this page (the breadcrumb path displays Data Download):

- Supports filtering by time and VIN. Multiple VINs can be selected.
- Batch download of selected data is available. You can choose the corresponding download format.
- The operation is: Download.
- Click Download in the operations section to download the vehicle data.

## 10. DoIP Collection

DoIP Collection refers to setting the time range and network interface card (VLAN) for collection on the cloud side, delivering the collection rules to the vehicle side, collecting DoIP data through a fixed port (13400), and the vehicle side uploading the DoIP data within this time range to the cloud side.

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creator	operation
doip_20251216_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu	exdwj	2025-12-1	modification
doip_20251216_140413	deployed	0/1	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes		exdzkf	2025-12-1	modification
doip_20251216_134517	deployed	0/1	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes		exdwj	2025-12-1	modification
doip_20251215_201202	deployed	0/1	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes		exdzkf	2025-12-1	modification
doip_20251215_190307	deployed	0/1	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes		exdzkf	2025-12-1	modification
doip_20251215_134818	deployed	0/1	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes		exdwj	2025-12-1	modification
doip_20251215_V2	deployed	0/1	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes		exdzkf	2025-12-1	modification
doip_20251215_V1	deployed	0/1	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes		exdzkf	2025-12-1	modification
doip_20251212_V4	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes		exdzkf	2025-12-1	modification
doip_20251212_V3	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Wu	exdzkf	2025-12-1	modification

### 10.1. Create Collection

"New" in the upper right corner to enter the collection creation page, as shown below:

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection **DolP Collection** (highlighted with a red box) EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DolP Collection

Homepage DolP collection (highlighted with a red box)

Task name Deployment status Run the process Query start time Query end time There is no data Creator Create a labor ... Creator operation

dolp_20251216_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Ru
dolp_20251216_140413	deployed	0/1	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251216_134517	deployed	0/1	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Ru
dolp_20251215_201202	deployed	0/1	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251215_190307	deployed	0/1	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251215_134818	deployed	0/1	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Ru
dolp_20251215_V2	deployed	0/1	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251215_V1	deployed	0/1	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251212_V4	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru
dolp_20251212_V3	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Ru

All closed +New

A total of 35 articles 1 2 3 4 > Skip to page

## 10.1.1 Configure Vehicle Selection

- Directly click the Group Name under the vehicle group to expand the vehicles in this group, then click the Checkbox to select the vehicles for which log collection will be created.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection **DolP Collection** (highlighted with a red box) EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DolP Collection / Create a collection

Homepage DolP collection Create a DOIP acquisition (highlighted with a red box)

Select a vehicle/group/model

Task configuration

Task name

NIC card

Forwarding platform

Requirements binding

Storage Space (G)

Vehicle-side CPU Estimate (%)

Vehicle Memory Estimation (M)

Query time

SELECTED VEHICLES (highlighted with a red box)

Display Selected Vehicles

Vehicle type

Save deployment Cancel

- Click the "Select Vehicles and Groups" search box, enter the VIN or group name, and the relevant vehicles/groups will be displayed in the list below. Fuzzy search is supported.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection **DoIP Collection** EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Create a collection

Homepage DOIP collection Create a DOIP acquisition All closed

Select a vehicle/group/model

Task configuration

Task name:

NIC card:

Forwarding platform:

Requirements binding:

Storage Space (G):

Vehicle-side CPU Estimate (%):

Vehicle Memory Estimation (M):

Query time:  Start time  End time

SELECTED VEHICLES (0)

Enter the VIN to select the vehicle. Fuzzy search is supported.

Save deployment Cancel

- Click the checkbox next to the vehicle VIN to select the vehicle. The selected vehicles will be displayed in the "Selected Vehicles" section.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection **DoIP Collection** EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Create a collection

Homepage DOIP collection Create a DOIP acquisition All closed

Select a vehicle/group/model

Task configuration

Task name:

NIC card:

Forwarding platform:

Requirements binding:

Storage Space (G):

Vehicle-side CPU Estimate (%):

Vehicle Memory Estimation (M):

Query time:  Start time  End time

SELECTED VEHICLES (1) All canceled

Display selected vehicles

Enter the VIN to select the vehicle. Fuzzy search is supported.

Save deployment Cancel

- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the corresponding checkbox.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Create a collection

Homepage DOIP collection Create a DOIP acquisition

Select a vehicle/group/model

Task configuration

SELECTED VEHICLES

All closed

## 10.1.2 Task Configuration

- Click the "Task Name" input box and enter a task name. It supports Chinese characters, numbers, letters, hyphens and underscores. The task name must be unique.
- Click the "Network Interface Card" dropdown menu. It supports VLAN2 and VLAN8, and this is a mandatory field.
- Click the "Forwarding Platform" dropdown menu to select forwarding platforms. Multiple selections are allowed, and this is an optional field.
- After selecting vehicles, the required storage space, vehicle-side CPU and vehicle-side memory will be calculated and displayed.
- Click the query time selection box to set the query time. This is a mandatory field.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Create a collection

Homepage DOIP collection Create a DOIP acquisition

Select a vehicle/group/model

Task configuration

fill in the configuration-related information

SELECTED VEHICLES

All closed

- The "Selected Vehicles" list shows the number of selected vehicles and the "Deselect All" button on the right side.
- Hover the mouse over a vehicle in the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox on the left side will be unchecked synchronously. Click "Deselect All" to cancel the selection of all vehicles.

- After completing the configuration, click the Save button to save the data of this periodic collection task. The task will not be delivered or deployed. You can re-enter the page to modify and then deploy and deliver it.
- Click the Deploy button to submit the task for approval. Once approved, the task will be delivered to the vehicle side.
- Click the Cancel button to exit the collection creation page without creating the current collection task.

## 10.2. View Collection Task Details

Click the Task Name to view the details of the current collection task:

- Displays the selected vehicles, time configuration, and task configuration.
- The task configuration shows the task name, network interface card, and forwarding platform of the DoIP collection.

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Create a ...	operation
doip_20251216_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251216_140413	deployed	0/1	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251216_134517	deployed	0/1	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251215_201202	deployed	0/1	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_190307	deployed	0/1	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_134818	deployed	0/1	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251215_V2	deployed	0/1	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_V1	deployed	0/1	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251212_V4	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251212_V3	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification

Click to access the collection task details

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DOIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DOIP Collection / DOIP Collection Details

Vehicles are selected 1

Vehicle VIN

090000000111

Time configuration

Start time: December 12, 2025 09:00:00  
End time: December 12, 2025 13:00:00

Task configuration

Task Name: doip\_20251212\_V3  
Network Card: wlan2  
Forwarding platform: None  
Storage space: 0G  
Vehicle CPU Estimate: 0.3%  
Vehicle memory estimate: 0.2M

newdatacollect-test.gwmcloudcn.com:30007

## 10.3 Collection Copy

Select a collection task and click Copy to enter the collection copy page.

- You can reselect vehicles.
- You can reselect network cards, forwarding platforms and query time.
- The name must be modified.
- Click Deploy to submit for approval. After approval is granted, the deployment will be issued to the selected vehicles.

Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DOIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DOIP Collection

Task name Deployment status Run the process Query start time Query end time There is no data Creator Create a labor ... Creator operation

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creator	operation
doip_20251216_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251216_140413	deployed	0/1	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251216_134517	deployed	0/1	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251215_201202	deployed	0/1	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_190307	deployed	0/1	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_134818	deployed	0/1	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes	Wu Wanjing	exdwwj	2025-12-1	modification
doip_20251215_V2	deployed	0/1	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251215_V1	deployed	0/1	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251212_V4	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification
doip_20251212_V3	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification

A total of 35 articles < 1 2 3 4 > Skip to page Enter the collection copy page

DoIP Collection / Copy collection

Task configuration

- Task name: doip\_20251216\_171929
- NIC card: vlan2
- Forwarding platform:
- Requirements binding:
- Storage Space (G): 0
- Vehicle-side CPU Estimate (%): 0.3
- Vehicle Memory Estimation (M): 0.2
- Query time: 2025-12-16 13:19:20 → 2025-12-16 17:19:20

SELECTED VEHICLES 1 All canceled

000000111

Save deployment Cancel

## 10.4 Run Operation

Select a collection task to execute the run operation.

1. Run: Re-run the task on all vehicles and update the deployment status.
2. Note: Only the task creator is allowed to perform the run operation.

DoIP Collection

Task name Deployment status Run the process Query start time Query end time There Is no data Creator Create a labor ... Create a ... operation

doip\_20251216\_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
doip\_20251216\_140413	deployed	0/1	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251216\_134517	deployed	0/1	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
doip\_20251215\_201202	deployed	0/1	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251215\_190307	deployed	0/1	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251215\_134818	deployed	0/1	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
doip\_20251215\_V2	deployed	0/1	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251215\_V1	deployed	0/1	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251212\_V4	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
doip\_20251212\_V3	deployed	0/1	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run

A total of 35 articles

## 10.5 DoIP Collection Secondary Page

Click Running Process in the collection task list to enter the data collection secondary page, where you can view the deployment status and available operations of each vehicle under the task, as shown in the figure below:

The list displays VIN, Deployment Status, Status Description, Last Execution Time and Operations.

Homepage

Requirements mana...

Data collection

- Event Collection
- Cycle Acquisition
- Historical query
- Historical calculations
- Log collection
- DolP Collection**
- EMMC monitoring
- Deploy approvals
- Vehicle management
- Signal management
- Pre-launch data
- Data download

DOIP Collection

Homepage DOIP collection x

All closed

Task name Deployment status

Task name	Deployment status	Query start time	Query end time	There is no data	Creator	Create a labor ...	Create time	operation		
dolp_20251216_171929	deployed	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
dolp_20251216_140413	deployed	2025-12-16 10:04:02	2025-12-16 14:04:02	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251216_134517	deployed	2025-12-16 09:45:07	2025-12-16 13:45:07	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
dolp_20251215_201202	deployed	2025-12-15 16:11:52	2025-12-15 20:11:52	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251215_190307	deployed	2025-12-15 15:02:57	2025-12-15 19:02:57	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251215_134818	deployed	2025-12-15 09:48:09	2025-12-15 13:48:09	Yes	Wu Wanjing	exdwwj	2025-12-1	modification	Copy	Run
dolp_20251215_V2	deployed	2025-12-15 08:00:00	2025-12-15 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251215_V1	deployed	2025-12-15 08:00:00	2025-12-15 10:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251212_V4	deployed	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run
dolp_20251212_V3	deployed	2025-12-12 09:00:00	2025-12-12 13:00:00	Yes	Zheng Kaifeng	exdzkf	2025-12-1	modification	Copy	Run

Click

A total of 35 articles < 1 2 3 4 > Skip to page

Homepage

Requirements mana...

Data collection

- Event Collection
- Cycle Acquisition
- Historical query
- Historical calculations
- Log collection
- DolP Collection**
- EMMC monitoring
- Deploy approvals
- Vehicle management
- Signal management
- Pre-launch data
- Data download

DOIP Collection / Run the process

Homepage DOIP collection x DOIP running process x

All closed

WINE Deployment status Status description Log details Most recent execution time operation

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
0000111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-11 10:59:33	<a href="#">Download</a> <a href="#">Run</a>

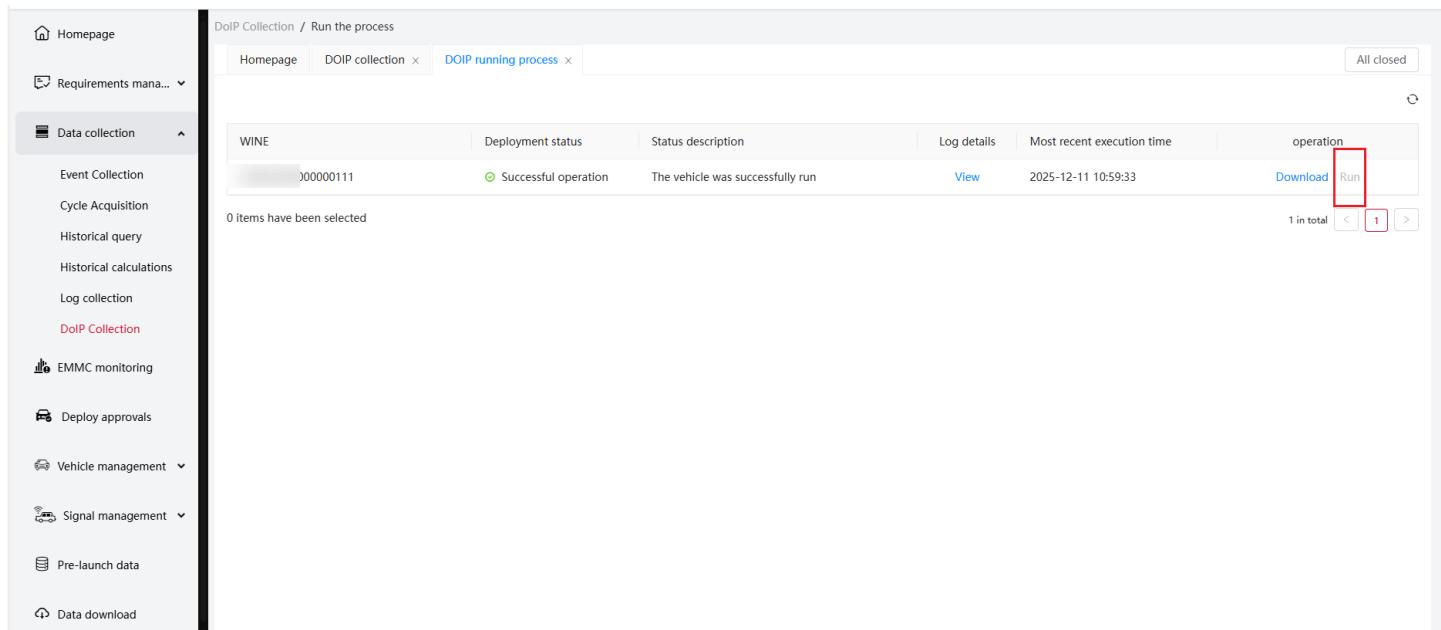
0 items have been selected

1 in total < 1 >

## 10.5.1 Operation - Run

When the vehicle is in a runnable state, the Run option in the operations section is displayed in blue and clickable.

Click Run to start the vehicle and update the deployment status.



Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Run the process

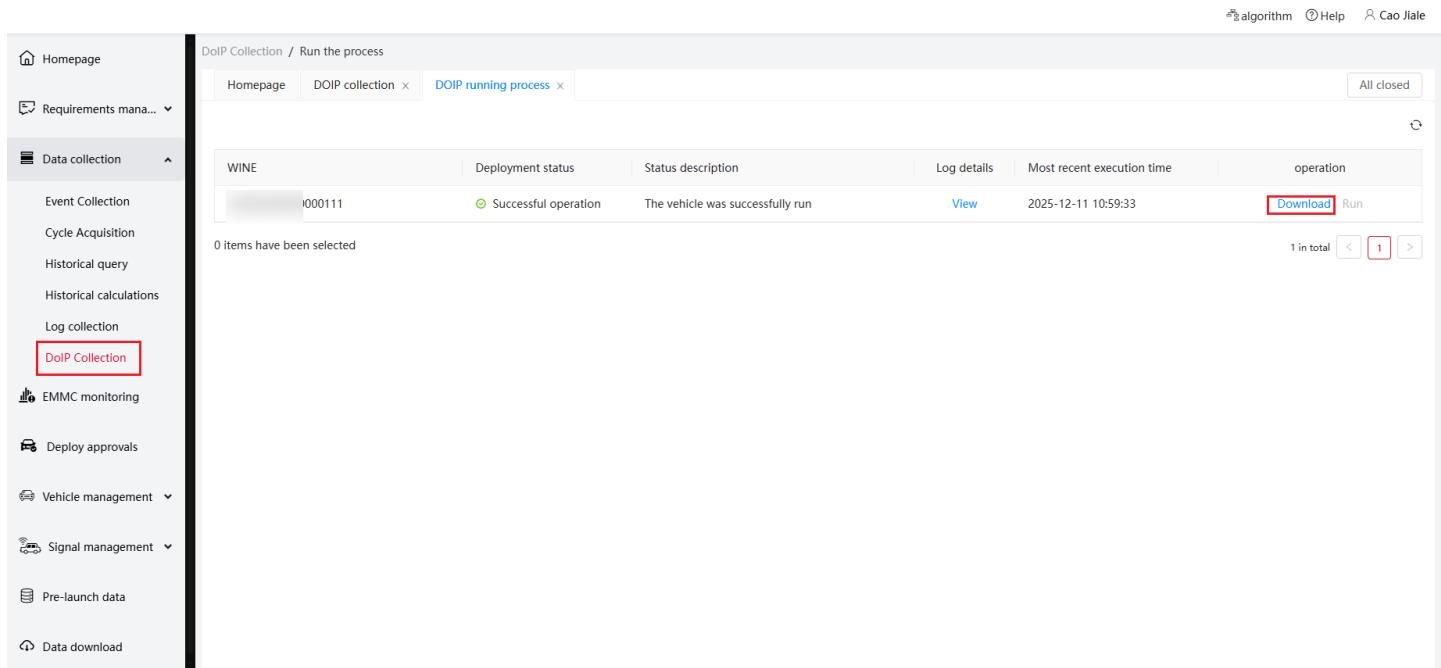
WINE	Deployment status	Status description	Log details	Most recent execution time	operation
WINE 00000111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-11 10:59:33	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total < 1 >

## 10.5.2 Operation - Download

On the DoIP collection secondary page, select the vehicle data to be downloaded and click Download in the list operations; you will be redirected to the data download page, which includes a query function bar and a data list, as shown in the figure below.



Homepage Requirements mana... Data collection Event Collection Cycle Acquisition Historical query Historical calculations Log collection DoIP Collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

DoIP Collection / Run the process

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
WINE 0000111	Successful operation	The vehicle was successfully run	<a href="#">View</a>	2025-12-11 10:59:33	<a href="#">Download</a> <a href="#">Run</a>

0 items have been selected

1 in total < 1 >

Be redirected to this page (the breadcrumb path displays Data Download):

- Supports filtering by time and VIN; multiple VINs can be selected.
- Allows batch download of selected data; select the corresponding download format.
- The operation is: Download.
- Click Download in the operations section to download the vehicle data.

DOIP Collection / Run the process / Data download

DOIP data download

VIN number	Data type	File path	Data status	NIC card	Data start time	Data end time	operation
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:47:24	2025-12-10 17:47:24	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:42:24	2025-12-10 17:42:24	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:38:56	2025-12-10 17:38:56	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:33:56	2025-12-10 17:33:56	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:28:55	2025-12-10 17:28:55	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:23:55	2025-12-10 17:23:55	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:18:55	2025-12-10 17:18:55	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:13:54	2025-12-10 17:13:54	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:08:54	2025-12-10 17:08:54	<a href="#">Download</a>
J0000111	gz	<a href="#">View</a>	Success	vlan2	2025-12-10 17:03:53	2025-12-10 17:03:53	<a href="#">Download</a>

0 items have been selected

There are 43 articles in total

Batch downloads

## 11. eMMC Monitoring

Monitor the health status of vehicle-end eMMC on a regular basis. If any issues are detected, the business department shall promptly contact the after-sales team to arrange services such as component replacement.

- Users can monitor the eMMC health status (Normal/Abnormal) by vehicle model and series via the New Data Collection Platform.
- Users can click on vehicles with abnormal eMMC status to view detailed eMMC exception information.

EMMC monitoring

EMMC management

VIN number	Detect the start block	Detect the end block	Error block	Detection time	Creation time	operation
F000038	0	3567487	0	2025-12-17 12:48:10	2025-12-17 12:49:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000033	0	3774872	0	2025-12-17 12:41:48	2025-12-17 12:45:43	<a href="#">Details</a> <a href="#">Historical data</a>
F000052	0	3774872	0	2025-12-17 12:15:07	2025-12-17 12:19:22	<a href="#">Details</a> <a href="#">Historical data</a>
F000039	0	3774872	0	2025-12-17 12:12:30	2025-12-17 12:16:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000106	0	3567487	0	2025-12-17 12:03:46	2025-12-17 12:07:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000076	0	3567487	0	2025-12-17 12:02:50	2025-12-17 12:04:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000079	0	3567487	0	2025-12-17 11:59:18	2025-12-17 12:00:17	<a href="#">Details</a> <a href="#">Historical data</a>
F000034	0	3774872	0	2025-12-17 11:48:23	2025-12-17 11:52:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000025	0	3774872	0	2025-12-17 11:35:44	2025-12-17 11:39:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000046	0	3774872	0	2025-12-17 11:27:14	2025-12-17 11:34:50	<a href="#">Details</a> <a href="#">Historical data</a>

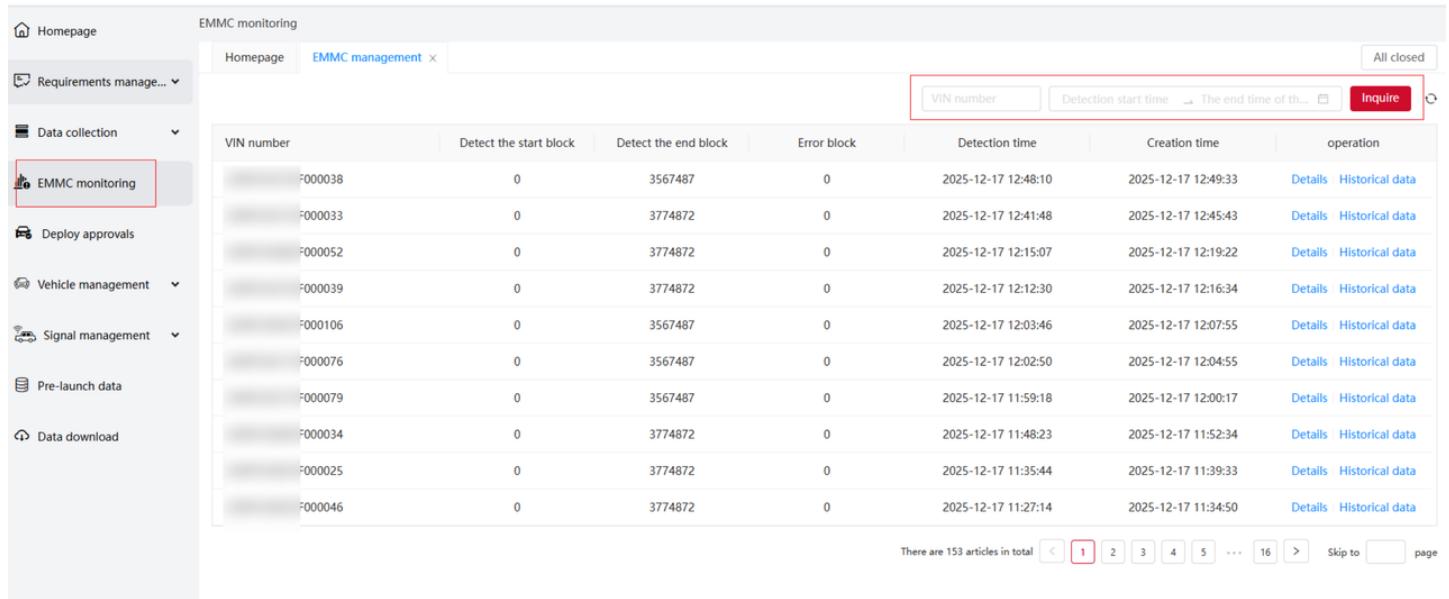
There are 153 articles in total

1 2 3 4 5 ... 16 > Skip to page

### 11.1 Operation Interface

- The list displays the latest eMMC data for each vehicle.

- The list shows VIN, Detection Start Block, Detection End Block, Error Block, Collection Time, Creation Time and Operations.
- Enter the VIN and time to filter eMMC data.
- Operations available in the action items: Details, Historical Data.

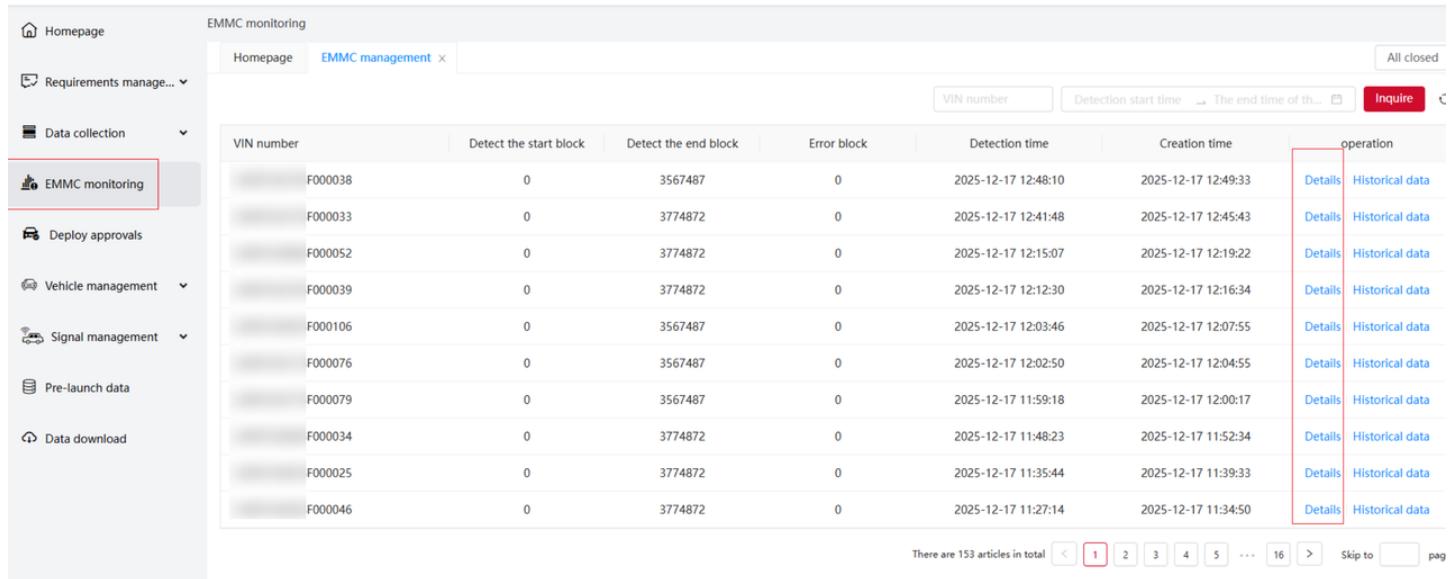


VIN number	Detect the start block	Detect the end block	Error block	Detection time	Creation time	operation
F000038	0	3567487	0	2025-12-17 12:48:10	2025-12-17 12:49:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000033	0	3774872	0	2025-12-17 12:41:48	2025-12-17 12:45:43	<a href="#">Details</a> <a href="#">Historical data</a>
F000052	0	3774872	0	2025-12-17 12:15:07	2025-12-17 12:19:22	<a href="#">Details</a> <a href="#">Historical data</a>
F000039	0	3774872	0	2025-12-17 12:12:30	2025-12-17 12:16:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000106	0	3567487	0	2025-12-17 12:03:46	2025-12-17 12:07:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000076	0	3567487	0	2025-12-17 12:02:50	2025-12-17 12:04:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000079	0	3567487	0	2025-12-17 11:59:18	2025-12-17 12:00:17	<a href="#">Details</a> <a href="#">Historical data</a>
F000034	0	3774872	0	2025-12-17 11:48:23	2025-12-17 11:52:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000025	0	3774872	0	2025-12-17 11:35:44	2025-12-17 11:39:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000046	0	3774872	0	2025-12-17 11:27:14	2025-12-17 11:34:50	<a href="#">Details</a> <a href="#">Historical data</a>

There are 153 articles in total 1 2 3 4 5 ... 16 > Skip to  page

## 11.1.1 eMMC Status Error Details

Click Details in the operations column of the list, and you can view the detailed error information of the latest eMMC data of the vehicle in the pop-up window.



VIN number	Detect the start block	Detect the end block	Error block	Detection time	Creation time	operation
F000038	0	3567487	0	2025-12-17 12:48:10	2025-12-17 12:49:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000033	0	3774872	0	2025-12-17 12:41:48	2025-12-17 12:45:43	<a href="#">Details</a> <a href="#">Historical data</a>
F000052	0	3774872	0	2025-12-17 12:15:07	2025-12-17 12:19:22	<a href="#">Details</a> <a href="#">Historical data</a>
F000039	0	3774872	0	2025-12-17 12:12:30	2025-12-17 12:16:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000106	0	3567487	0	2025-12-17 12:03:46	2025-12-17 12:07:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000076	0	3567487	0	2025-12-17 12:02:50	2025-12-17 12:04:55	<a href="#">Details</a> <a href="#">Historical data</a>
F000079	0	3567487	0	2025-12-17 11:59:18	2025-12-17 12:00:17	<a href="#">Details</a> <a href="#">Historical data</a>
F000034	0	3774872	0	2025-12-17 11:48:23	2025-12-17 11:52:34	<a href="#">Details</a> <a href="#">Historical data</a>
F000025	0	3774872	0	2025-12-17 11:35:44	2025-12-17 11:39:33	<a href="#">Details</a> <a href="#">Historical data</a>
F000046	0	3774872	0	2025-12-17 11:27:14	2025-12-17 11:34:50	<a href="#">Details</a> <a href="#">Historical data</a>

There are 153 articles in total < 1 2 3 4 5 ... 16 > Skip to  page

EMMC monitoring

Homepage EMMC management

VIN number Detection time Creation time operation

VIN number	Detection time	Creation time	operation
000038	2025-12-17 12:48:10	2025-12-17 12:49:33	Details Historical data
000033	2025-12-17 12:41:48	2025-12-17 12:45:43	Details Historical data
000052	2025-12-17 12:15:07	2025-12-17 12:19:22	Details Historical data
000039	2025-12-17 12:12:30	2025-12-17 12:16:34	Details Historical data
000106	2025-12-17 12:03:46	2025-12-17 12:07:55	Details Historical data
000076	2025-12-17 12:02:50	2025-12-17 12:04:55	Details Historical data
000079	2025-12-17 11:59:18	2025-12-17 12:00:17	Details Historical data
000034	2025-12-17 11:48:23	2025-12-17 11:52:34	Details Historical data
000025	2025-12-17 11:35:44	2025-12-17 11:39:33	Details Historical data
000046	2025-12-17 11:27:14	2025-12-17 11:34:50	Details Historical data

There are 153 articles in total 1 2 3 4 5 ... 16 Skip to page

## 11.1.2 View EMMC Historical Data

Click Historical Data in the list operations to view the EMMC historical data of the vehicle.

- The list displays VIN, Detection Start Block, Detection End Block, Error Block, Collection Time, Creation Time and Operations.
- Select a time period to filter the data.
- Click Details in the operations section to view the detailed error information of the corresponding EMMC data record of the vehicle.

EMMC monitoring

Homepage EMMC management

VIN number Detection start block Detect the end block Error block Detection time Creation time operation

VIN number	Detection start block	Detect the end block	Error block	Detection time	Creation time	operation
74SF000038	0	3567487	0	2025-12-17 12:48:10	2025-12-17 12:49:33	Details Historical data
75SF000033	0	3774872	0	2025-12-17 12:41:48	2025-12-17 12:45:43	Details Historical data
38SF000052	0	3774872	0	2025-12-17 12:15:07	2025-12-17 12:19:22	Details Historical data
76SF000039	0	3774872	0	2025-12-17 12:12:30	2025-12-17 12:16:34	Details Historical data
35SF000106	0	3567487	0	2025-12-17 12:03:46	2025-12-17 12:07:55	Details Historical data
71SF000076	0	3567487	0	2025-12-17 12:02:50	2025-12-17 12:04:55	Details Historical data
77SF000079	0	3567487	0	2025-12-17 11:59:18	2025-12-17 12:00:17	Details Historical data
36SF000034	0	3774872	0	2025-12-17 11:48:23	2025-12-17 11:52:34	Details Historical data
35SF000025	0	3774872	0	2025-12-17 11:35:44	2025-12-17 11:39:33	Details Historical data
32SF000046	0	3774872	0	2025-12-17 11:27:14	2025-12-17 11:34:50	Details Historical data

There are 153 articles in total 1 2 3 4 5 ... 16 Skip to page

VIN number	Detection time	Creation time	Operations
86SF000051	2025-12-18 11:05:21	2025-12-18 11:14:17	Details
86SF000051	2025-12-18 11:05:14	2025-12-18 11:12:20	Details
86SF000051	2025-12-17 08:39:29	2025-12-17 08:46:38	Details
86SF000051	2025-12-16 08:26:56	2025-12-16 08:31:28	Details
86SF000051	2025-12-15 08:16:00	2025-12-15 08:22:55	Details
86SF000051	2025-12-13 09:07:20	2025-12-13 09:13:52	Details

## 12. Vehicle Management

Vehicle Management allows you to view vehicle information synchronized from the TSP.

Click Vehicle Management to enter the vehicle management interface, where the list displays all vehicle information.

VIN number	Vehicle type	Model 4 yards	Vehicle end matrix version	Vehicle software version	End of the vehicle	operation
149980	WEY DE09	1APHEV_Gray...	P00HBBEV_Bas...			Algorithm details
03778	Euler EC15					Algorithm details
410957	Tank Tank	3E21B_basic m...				Algorithm details
72564	Tank Tank	3E21B_basic m...				Algorithm details
168845	Tank Tank	3E21B_basic m...				Algorithm details
122637	Tank Tank	3E21B_basic m...				Algorithm details
01248	Tank Tank	3E21B_basic m...				Algorithm details
156923	Tank Tank	3E21B_basic m...				Algorithm details
38348	Tank Tank	3E21B_basic m...				Algorithm details
92743	Tank Tank	3E21B_basic m...				Algorithm details

### 12.1 Vehicle List

- The list displays: VIN, Vehicle Model, 4-digit Vehicle Model Code, Matrix Version, Heartbeat Time, Creation Time and Operations.
- Supports fuzzy search by VIN and vehicle model.

The screenshot shows the 'Vehicle management' section of a software interface. On the left, a sidebar lists various management categories like 'Homepage', 'Requirements management', 'Data collection', 'EMMC monitoring', 'Deploy approvals', 'Vehicle management' (which is selected and highlighted in red), 'Vehicle grouping', 'Signal management', 'Pre-launch data', and 'Data download'. The main area is titled 'Vehicle management' and contains a table with columns: VIN number, Vehicle type, Model 4 yards, Vehicle end matrix version, Vehicle software version, End of the vehicle, and operation. Each row in the table has a 'Algorithm details' link next to the 'operation' column. A search bar at the top right includes fields for 'VIN number', 'Vehicle type', and an 'Inquire' button. Below the table, a message says 'A total of 14,498 articles' with a page navigation section.

## 12.2 Algorithm Details

Click Algorithm Details in the operations section to pop up the algorithm data of the vehicle:

- The algorithm details list displays Algorithm Name, Type, Version and Description.
- Click  $\times$  to close the pop-up window.

This screenshot shows the same 'Vehicle management' interface as the previous one, but with a pop-up window overlaid on the 'Vehicle management' table. The pop-up is titled 'LGWUV6BAL0C268845 Algorithm details' and contains a message 'There is no algorithm for the time being'. The background table is visible with its columns: VIN number, Vehicle type, Model 4 yards, Vehicle end matrix version, Vehicle software version, End of the vehicle, and operation. A red arrow points to the 'Algorithm details' link in the table's 'operation' column, and the text 'Click' is written near the arrow. The search bar and page navigation at the top right are also visible.

## 13. Vehicle Grouping

Click Vehicle Grouping to enter the vehicle grouping interface, which includes the functions of fuzzy search, group creation and group deletion:

- The list displays Group Name, Number of Vehicles, Creation Time, Update Time and Operations.
- Click the New button to create a new group.

- Enter the keywords of the group name in the search box to perform a fuzzy search for groups.
- Click Delete in the operation items to delete the corresponding group.

Group name	Vehicle type	Description	Number of vehicles	Creation time	Update time	operation
cs	EV China	Dedicated to testing	1	2025-09-18 14:17:29	2025-09-18 14:17:37	<span style="color: red;">Delete</span>

## 13.1 Create New Group

Click the New button to create a new vehicle group. The list will refresh automatically after successful creation.

Group name	Vehicle type	Description	Number of vehicles	Creation time	Update time	operation
cs	China	Dedicated to testing	1	2025-09-18 14:17:29	2025-09-18 14:17:37	<span style="color: red;">Delete</span>

Vehicle grouping

Homepage Vehicle grouping

Group name	Vehicle type	Description	Number of vehicles	Creation time	Update time
cs	china	Dedicated to testing	1	2025-09-18 14:17:29	2025-09-18 14:17:29

Create a vehicle grouping

Name \*

c

Vehicle type \*

zzz

Description \*

q

1 / 20

Create Vehicle Group

Cancel Are you sure

## 13.2 Delete Group

In the vehicle group list, click Delete in the operation column of the target group; a deletion confirmation box will pop up:

- Click the Confirm button in the confirmation box to delete the current vehicle group. The list data will refresh, and the vehicle data in Vehicle Management will remain unaffected.
- Click the Cancel button in the confirmation box to abort the deletion operation.
- The list data is sorted in descending order of update time.

Vehicle grouping

Homepage Vehicle grouping

Group name	Vehicle type	Creation time	Update time	operation
cs	DE09	2025-09-18 14:17:29	2025-09-18 14:17:37	<a href="#">Delete</a>

Confirm the deletion of grouping: cs?  
The operation is irreversible, please operate carefully!

Cancel Confirm

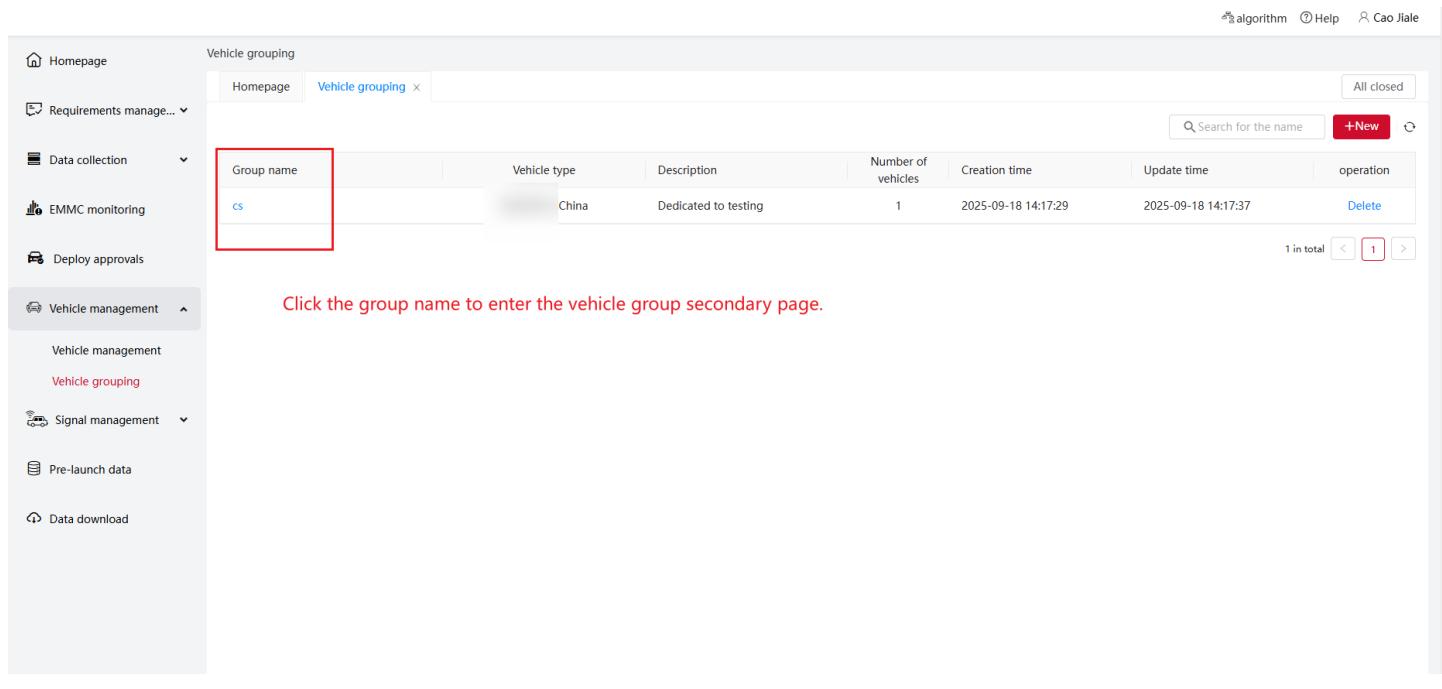
operation

Delete

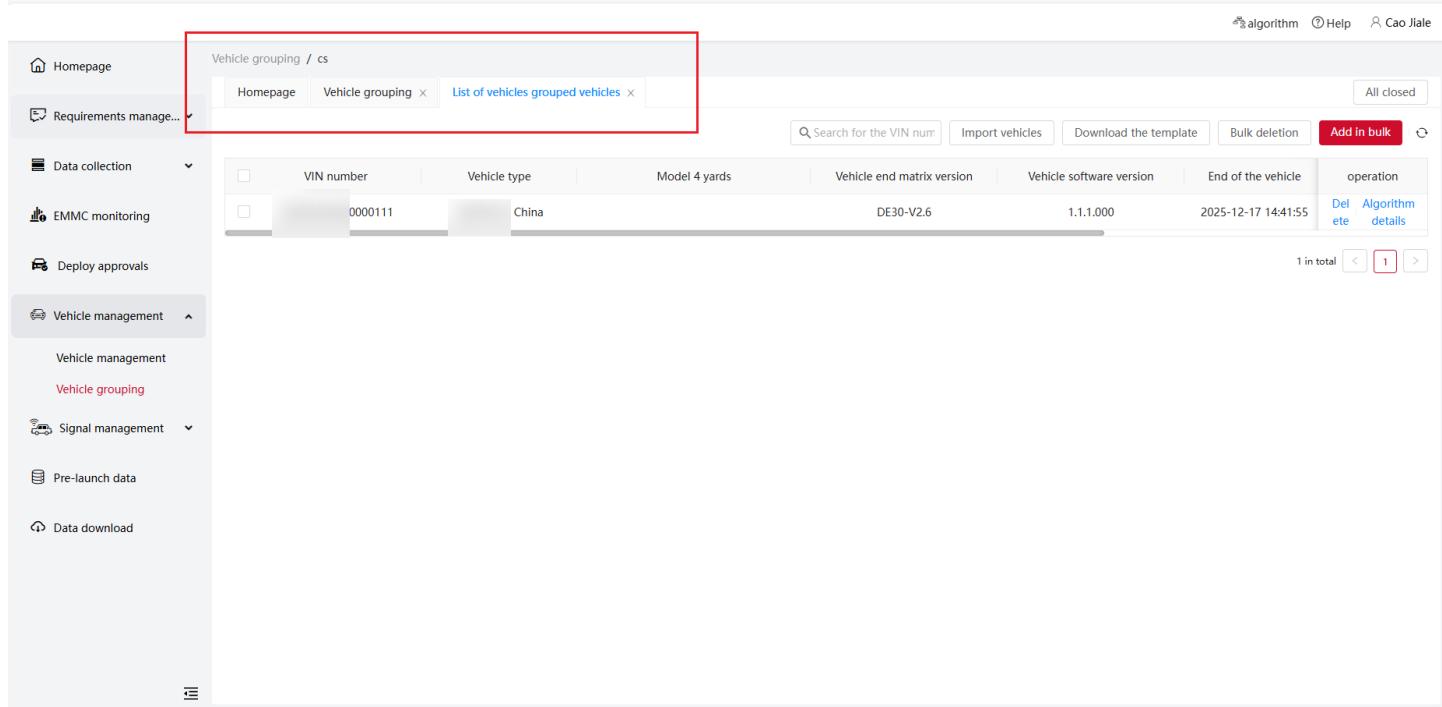
## 13.3 Vehicle Group Secondary Page

Click the group name to navigate to the vehicle group secondary page:

- If the group contains vehicles, the list displays vehicle information.
- Otherwise, "No Data" is shown.



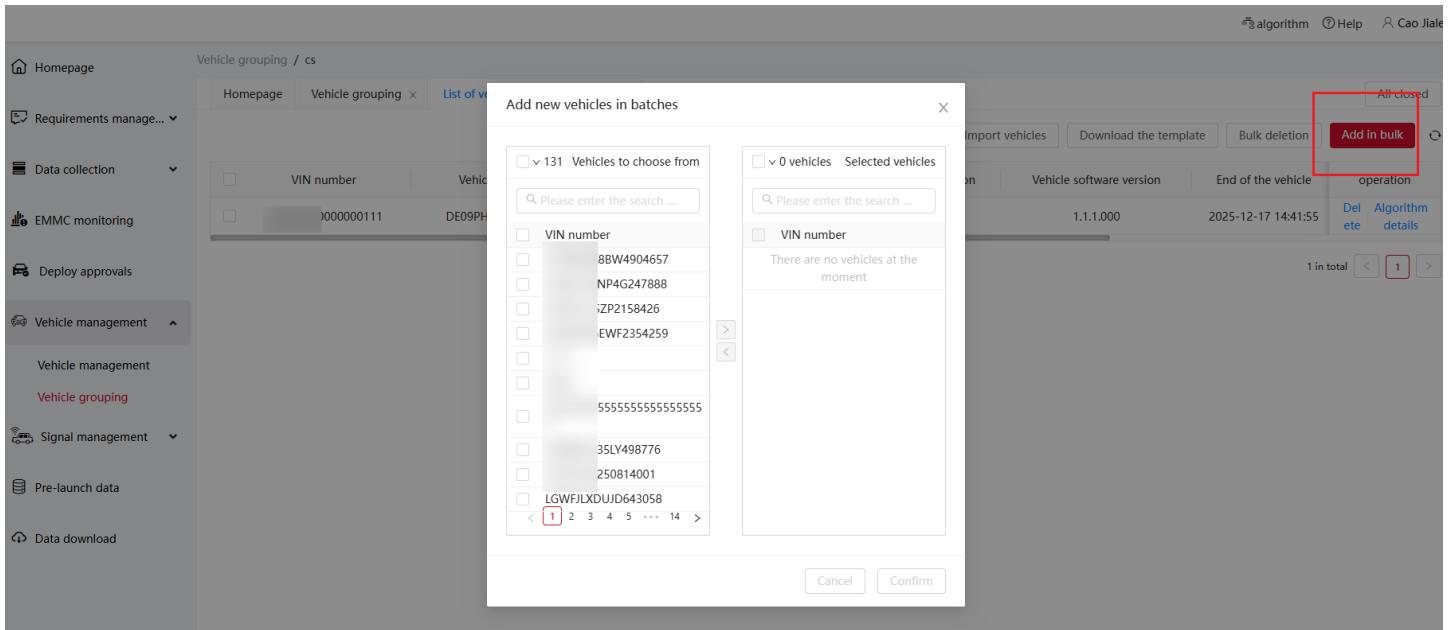
The screenshot shows the 'Vehicle grouping' page. On the left, a sidebar menu includes 'Homepage', 'Requirements manage...', 'Data collection', 'EMMC monitoring', 'Deploy approvals', 'Vehicle management' (selected), 'Signal management', 'Pre-launch data', and 'Data download'. The main content area is titled 'Vehicle grouping' and shows a table with one row. The table columns are 'Group name', 'Vehicle type', 'Description', 'Number of vehicles', 'Creation time', 'Update time', and 'operation'. The 'Group name' cell contains 'cs', which is highlighted with a red box. The 'Vehicle type' cell shows 'China', 'Description' is 'Dedicated to testing', 'Number of vehicles' is '1', 'Creation time' is '2025-09-18 14:17:29', 'Update time' is '2025-09-18 14:17:37', and the 'operation' cell contains a 'Delete' link. A red box also surrounds the entire table row. Below the table, a message says 'Click the group name to enter the vehicle group secondary page.'



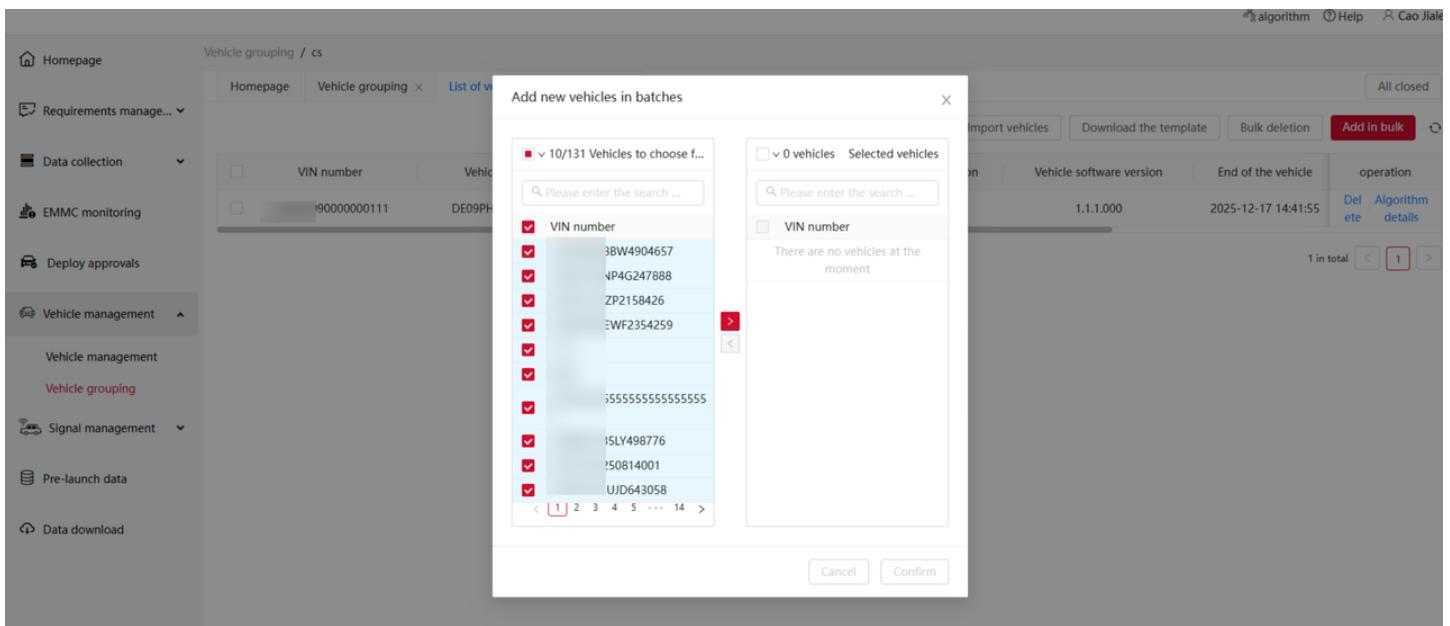
The screenshot shows the 'List of vehicles grouped vehicles' page. The sidebar is identical to the previous screenshot. The main content area is titled 'Vehicle grouping / cs' and shows a table with one row. The table columns are 'VIN number', 'Vehicle type', 'Model 4 yards', 'Vehicle end matrix version', 'Vehicle software version', 'End of the vehicle', and 'operation'. The 'VIN number' cell contains '0000111', 'Vehicle type' is 'China', 'Model 4 yards' is 'DE30-V2.6', 'Vehicle end matrix version' is '1.1.1.000', 'End of the vehicle' is '2025-12-17 14:41:55', and the 'operation' cell contains a 'Delete Algorithm details' link. A red box surrounds the entire table row. Below the table, a message says '1 in total'.

### 13.3.1 Batch Addition

Click Batch Addition to open the batch addition pop-up window.

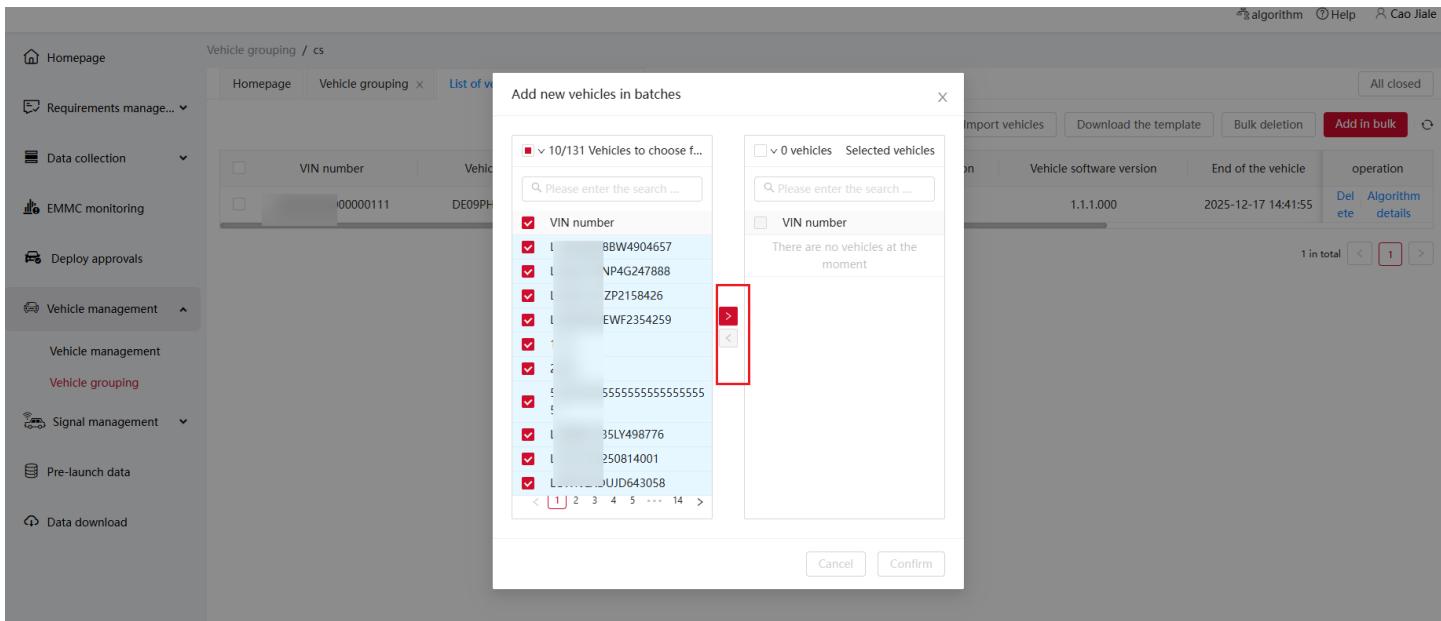


Select the vehicles to be added to this group from the Available Vehicles list on the left.

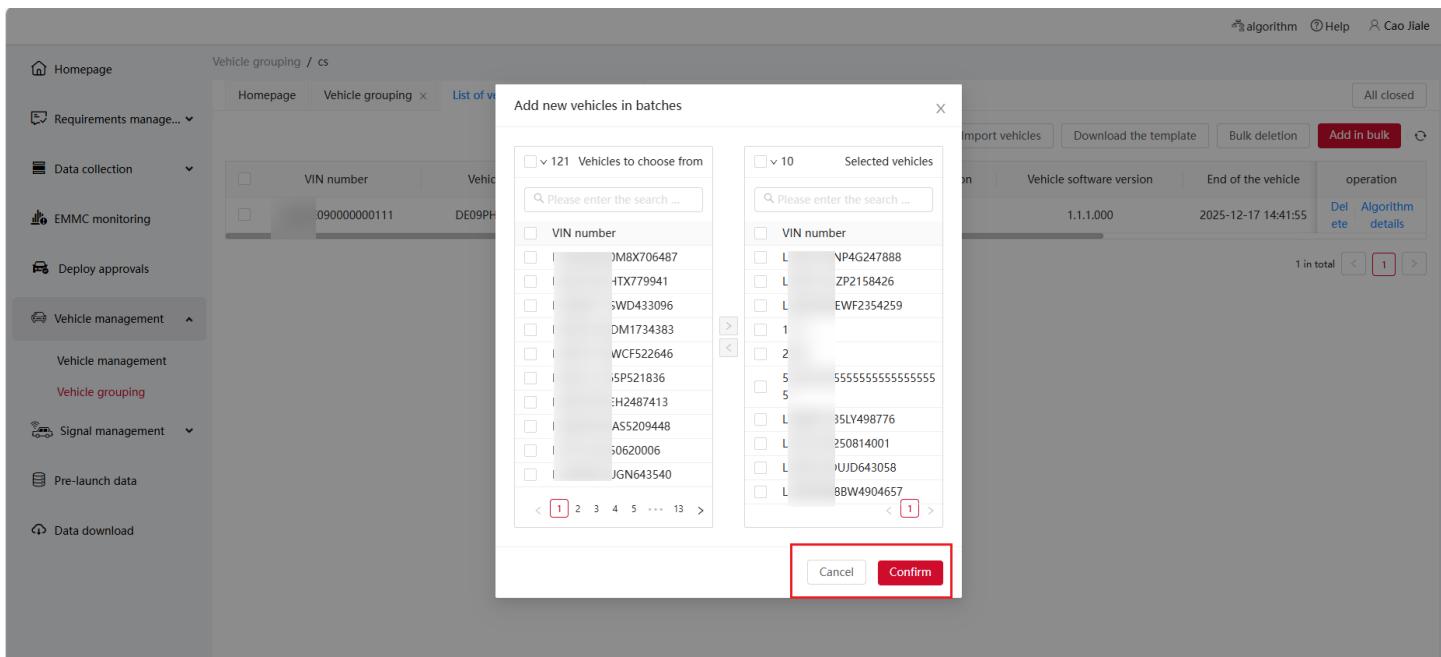


- The Available Vehicles list supports search functionality.
- Vehicles across multiple pages can be selected.
- All available vehicles can be selected with one click.

Click the left arrow in the middle to move the selected vehicles to the Selected Vehicles list on the right.



- Click the Confirm button to add the vehicles in the selected vehicle list to this group.
- Click the Cancel button to abort the batch addition operation; the data of the selected vehicles will not be added to this group.
- If the selected vehicles already exist in this group, they will be directly filtered out, and only the vehicles not in this group will be added.



### 13.3.2 Remove Vehicles

Click Remove to bring up the removal confirmation dialog box:

- Click Confirm to remove the vehicle from this group.
- Click Cancel to abort the removal operation.
- Removing a vehicle from this group only severs the association between the vehicle and the group; the vehicle itself will not be deleted.

The screenshot shows a confirmation dialog box in the center of a web-based vehicle management interface. The dialog box contains the text: "Confirm that 000111 will be removed from this grouping? The operation is irreversible, please operate carefully!" Below the text are two buttons: "Cancel" and "Confirm". The background of the interface shows a table with vehicle details like VIN number, vehicle type, and software version. The left sidebar shows various management tabs: Requirements management, Data collection, EMMC monitoring, Deploy approvals, Vehicle management (selected), Signal management, Pre-launch data, and Data download.

## 14. Signal Management

Signal management allows you to view the signal information synchronized from the TSP.

Click Signal Management in the menu bar to enter the signal management page.

- Display the tabs of Signal Matrix, Signal Cluster, Signal List, SOME/IP and Signal Bus.

The screenshot shows the Signal management page with the "Signal matrix" tab selected. The page displays a table of signal matrix files with columns for Name, Vehicle type, Description, Matrix version number, can version number, someip version number, Number of signals, Type, and Upload operation. The table lists several files, mostly named "ExdIPCSignalMatrix.json", with various vehicle types (EV, iEV, EV, China) and descriptions. The right sidebar shows a navigation bar with tabs: Signal matrix, Signal cluster, Signal list, SOMEIP, and Signal bus. The "Signal matrix" tab is highlighted with a red border. The left sidebar shows the same management tabs as the previous screenshot, with "Signal management" also highlighted with a red border.

### 14.1. Signal Matrix

Enter the **Signal Matrix** tab to display the list of signal matrix files.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

Vehicle ty... matrix ver... Inquire +New

Name Vehicle type Description Matrix version number can version number someip version number Number of signals Type Upload operation

ExdIPCSignalMatrix.json PHEV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json PHEV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json PHEV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json DE V China v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json PHEV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json PHEV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json DE V China v2.5.1 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json PHEV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

A total of 8 articles < 1 >

- The list displays the signal matrix name, vehicle model, version number, CAN version number, SOME/IP version number, signal count, upload user, upload time, and operations.
- Click New, fill in the corresponding configurations, and a signal matrix will be created.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

Vehicle ty... matrix ver... Inquire +New

Name Vehicle type Description Matrix version number can version number someip version number Number of signals Type Upload operation

ExdIPCSignalMatrix.json HEV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json HEV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json EV v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json DE China v2.6.0 v1.0.0 v1.0.0 14055 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json HEV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json HEV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json DE China v2.5.1 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

ExdIPCSignalMatrix.json EV v2.5.0 v1.1.0 v1.1.0 14308 json ZI Xin Dow nloa d rele ase d Del ete

A total of 8 articles < 1 >

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

Vehicle type

Vehicle type \*

can version number

someip version number

Description

0 / 200

Fill in the relevant configurations

Cancel Are you sure

Name	Vehicle type	Description	Matrix version number	can version number	someip version number	Number of signals
ExdIPCSignalMatrix.json	PHEV		v2.6.0	v1.0.0	v1.0.0	14055
ExdIPCSignalMatrix.json	PHEV		v2.6.0	v1.0.0	v1.0.0	14055
ExdIPCSignalMatrix.json	HEV		v2.6.0	v1.0.0	v1.0.0	14055
ExdIPCSignalMatrix.json	DI ✓ China		v2.6.0	v1.0.0	v1.0.0	14055
ExdIPCSignalMatrix.json	PHEV		v2.5.0	v1.1.0	v1.1.0	14308
ExdIPCSignalMatrix.json	PHEV		v2.5.0	v1.1.0	v1.1.0	14308
ExdIPCSignalMatrix.json	DI ✓ China		v2.5.1	v1.1.0	v1.1.0	14308
ExdIPCSignalMatrix.json	HEV		v2.5.0	v1.1.0	v1.1.0	14308

- Click Download in the Operations column to download the signal matrix.
- Click Publish in the Operations column to publish the signal matrix. Published items will be grayed out and unavailable for clicking.
- Click Delete in the Operations column to delete the signal matrix. Published items will be grayed out and unavailable for clicking.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

Vehicle type

matrix

Inquire

+New

Download Signal Matrix

All closed

Name Vehicle type Description Matrix version number can version number someip version number Number of signals Type operation

ExdIPCSignalMatrix.json EV v2.6.0 v1.0.0 v1.0.0 14055 json Download

ExdIPCSignalMatrix.json EV v2.6.0 v1.0.0 v1.0.0 14055 json Download

ExdIPCSignalMatrix.json V v2.6.0 v1.0.0 v1.0.0 14055 json Download

ExdIPCSignalMatrix.json China v2.6.0 v1.0.0 v1.0.0 14055 json Download

ExdIPCSignalMatrix.json EV v2.5.0 v1.1.0 v1.1.0 14308 json Download

ExdIPCSignalMatrix.json EV v2.5.0 v1.1.0 v1.1.0 14308 json Download

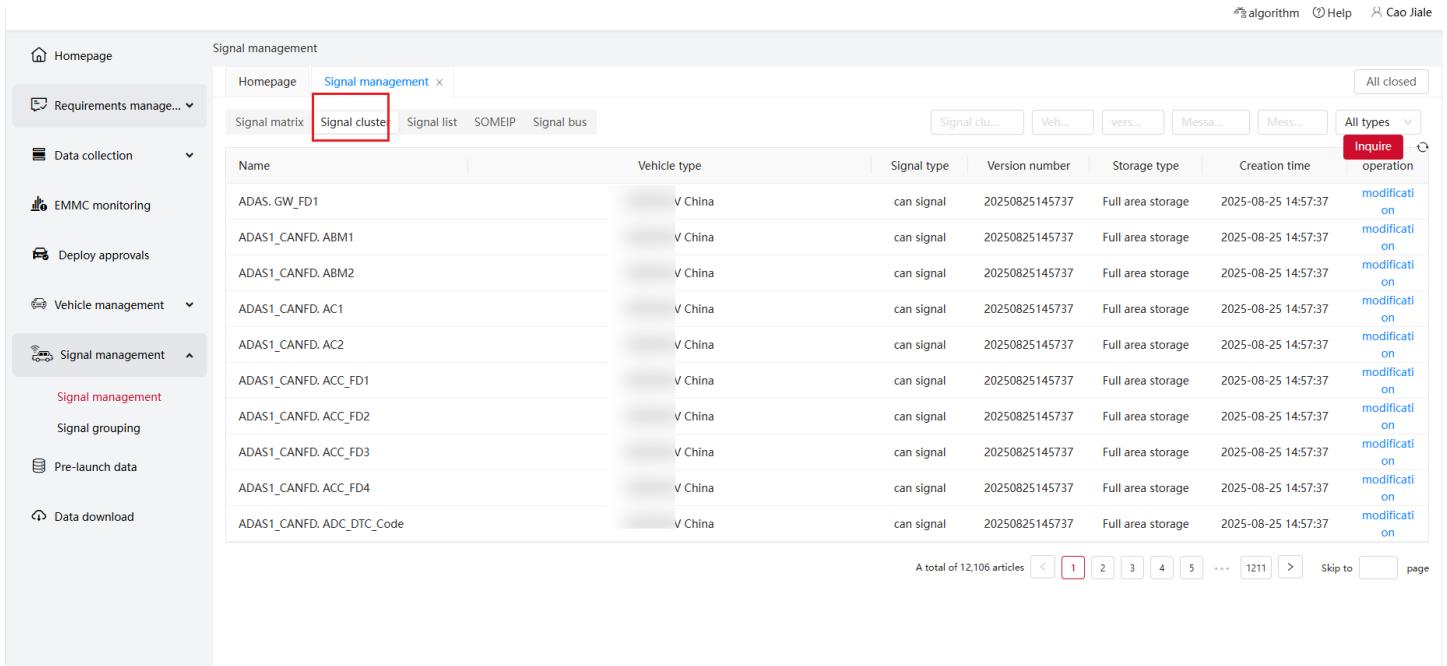
ExdIPCSignalMatrix.json China v2.5.1 v1.1.0 v1.1.0 14308 json Download

ExdIPCSignalMatrix.json V v2.5.0 v1.1.0 v1.1.0 14308 json Download

A total of 8 articles

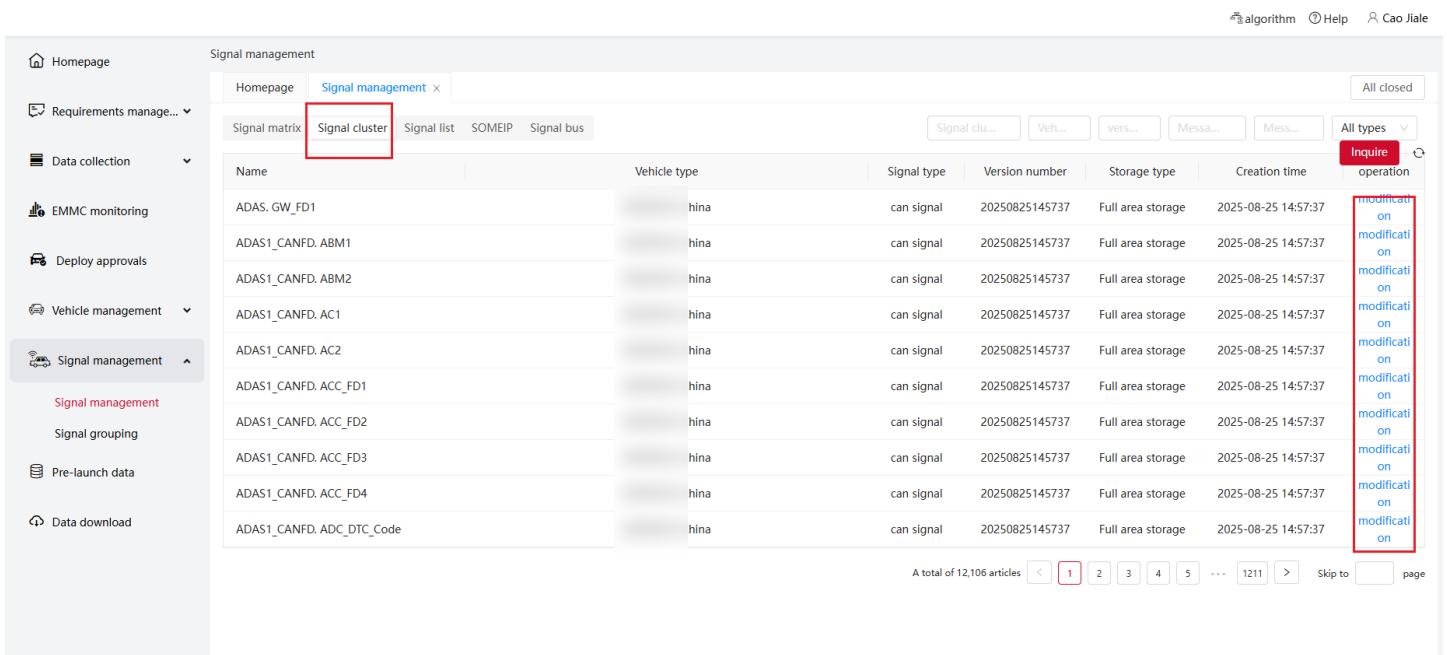
## 14.2. Signal Cluster

Click the Signal Cluster tab to display the signal cluster list.



Name	Vehicle type	Signal type	Version number	Storage type	Creation time	Operations
ADAS.GW_FD1	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ABM1	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ABM2	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC1	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC2	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD1	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD2	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD3	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD4	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ADC_DTC_Code	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification

- The list displays signal cluster name, storage type, source, creation time, and operations.
- Fuzzy search is supported for signal cluster names.
- Click Edit in the Operations column to modify the storage type of this signal cluster.



Name	Vehicle type	Signal type	Version number	Storage type	Creation time	Operations
ADAS.GW_FD1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ABM1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ABM2	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC2	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD2	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD3	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.AC_CFD4	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD.ADC_DTC_Code	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification

Signal management

Signal matrix Signal cluster  Signal list SOMEIP Signal bus

Name	Vehicle type	Signal type	Version number	Storage type
ADAS_GW_FD1	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ABM1	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ABM2	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_AC1	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_AC2	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ACC_FD1	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ACC_FD2	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ACC_FD3	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ACC_FD4	ina	can signal	20250825145737	Full area storage
ADAS1_CANFD_ADC_DTC_Code	ina	can signal	20250825145737	Full area storage

A total of 12,106 articles

modification

Storage type \*

Full area storage

Important area storage

Cancel Are you sure

## 14.3. SOME/IP

Click the SOME/IP tab to display the SOME/IP list.

Signal management

Homepage Signal management  SOMEIP Signal bus

Name	File path	Vehicle type	Version number	Number of signals	Type	Upload	operation
EXCEL离线数据测试模板4-H53B-风扇-20250930.xlsx	<a href="#">View</a>	ina	v1.1.0	0	xlsx	Wang Z	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>
合并失败详细文件.xlsx	<a href="#">View</a>	由	v2.2.2	0	xlsx	刘雪	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>
somelp3.7.xlsx	<a href="#">View</a>	HEV	v1.1.3	0	xlsx	刘雪	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>
somelp3.7.xlsx	<a href="#">View</a>	ina	v1.0.0	343	xlsx	Wang Z	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>
somelp3.7.xlsx	<a href="#">View</a>	燃油	v1.1.2	343	xlsx	王春	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>
somelp3.7(1).xlsx	<a href="#">View</a>	HEV	v1.1.1	0	xlsx	刘雪	<a href="#">Down load</a> <a href="#">relea sed</a> <a href="#">Del ete</a>

共6条

Import Signals

Cancel Are you sure

- The list displays file name, file path, version number, type, signal size, upload user, upload time, and operations.
- Click the Import Signals button to bring up the signal import configuration dialog box. Select the vehicle model, fill in the version number and description, choose the signal file, and click Confirm to import the signal file; click Cancel to abort the import operation.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list **SOMEIP** Signal bus

Name File path Vehicle type Version number Number of signals Type Upload

EXCEL Offline Data Test Template 4-H53B-Fan -20250930.xlsx	<a href="#">View</a>	China	v1.1.0	0	xlsx	Wang Zi	Download release Delete
The merge failure details file.xlsx	<a href="#">View</a>	fuel	v2.2.2	0	xlsx	Liu Xue	Download release Delete
somelp3.7.xlsx	<a href="#">View</a>	test	v1.1.3	0	xlsx	Liu Xue	Download release Delete
somelp3.7.xlsx	<a href="#">View</a>	China	v1.0.0	343	xlsx	Wang Zi	Download release Delete
somelp3.7.xlsx	<a href="#">View</a>	fuel	v1.1.2	343	xlsx	Wang Zi	Download release Delete
somelp3.7(1).xlsx	<a href="#">View</a>	HEV	v1.1.1	0	xlsx	Liu Xue	Download release Delete

There are 6 articles in total < 1 >

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list **SOMEIP** Signal bus

Name File path Vehicle type Version number Number of signals

EXCEL Offline Data Test Template 4-H53B-Fan -20250930.xlsx	<a href="#">View</a>	China	v1.1.0	0
The merge failure details file.xlsx	<a href="#">View</a>	fuel	v2.2.2	0
somelp3.7.xlsx	<a href="#">View</a>	test	v1.1.3	0
somelp3.7.xlsx	<a href="#">View</a>	China	v1.0.0	343
somelp3.7.xlsx	<a href="#">View</a>	fuel	v1.1.2	343
somelp3.7(1).xlsx	<a href="#">View</a>	HEV	v1.1.1	0

Import signal

Vehicle type \*

Version number \*

例: v1.1.1  
提示: v1.1.1

Description

Description

0 / 200

点击选择或拖拽上传

Cancel Are you sure

- Click Download in the Operations column to download the signal file.
- Click Publish in the Operations column to publish the signal file. Published files will be grayed out and unavailable for clicking.
- Click Delete in the Operations column to delete the signal file. Published files will be grayed out and unavailable for clicking.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list **SOMEIP** Signal bus

Name File path Vehicle type Version number Number of signals

EXCEL Offline Data Test Template 4-H53B-Fan -20250930.xlsx	<a href="#">View</a>	ZZZ Fuel China	v1.1.0	0	xlsx	Wang Zi
The merge failure details file.xlsx	<a href="#">View</a>	test project fuel	v2.2.2	0	xlsx	Liu Xue
somelp3.7.xlsx	<a href="#">View</a>	test project code PHEV	v1.1.3	0	xlsx	Liu Xue
somelp3.7.xlsx	<a href="#">View</a>	DE09PHEV China	v1.0.0	343	xlsx	Wang Zi
somelp3.7.xlsx	<a href="#">View</a>	Soul CCS001 fuel	v1.1.2	343	xlsx	Wang Zi
somelp3.7(1).xlsx	<a href="#">View</a>	Soul CCS001PHEV	v1.1.1	0	xlsx	Liu Xue

查看更多

There are 6 articles in total

## 14.4 Signal List

Click the Signal List tab to display the signal list.

Signal management

Homepage Signal management

Signal matrix Signal cluster **Signal list** SOMEIP Signal bus

Signal name Chinese name Vehicle type Signal type Version number Frame ID(16) Frame ID(10) Message name

SC_CANFD. ZCU_L1. RTurnLmpSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RRvsLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RRTurnLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RRPosnLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RR FogLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RLowBeamFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RHBeamFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RFTurnLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RFPosnLmpFailSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD. ZCU_L1. RF FogLmpSts_Zone		'China	can signal	20250825145737	0x255	597	ZCU_L1

There are 136439 articles in total

- The list displays signal name, vehicle model, signal type, version number, message name, message length, upload time, etc.
- Click the Query button to view the detailed information of the desired signal name.

Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

Signal name Chinese name Vehicle type Signal type Version number Frame ID(16) Frame ID(10) Message name

SC_CANFD_ZCU_L1_RTurnLmpSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RRvslLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RRTurnLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RRPosnLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RRFogLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RLowBeamFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RHIBeamFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RFTurnLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RFPosnLmpFailSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1
SC_CANFD_ZCU_L1_RFogLmpSts_Zone		China	can signal	20250825145737	0x255	597	ZCU_L1

There are 136439 articles in total 1 2 3 4 5 ... 13644 > Skip to page

## 14.5 Signal Bus

Click the **Signal Bus** tab to display the signal bus list.

Signal management

Homepage Signal management

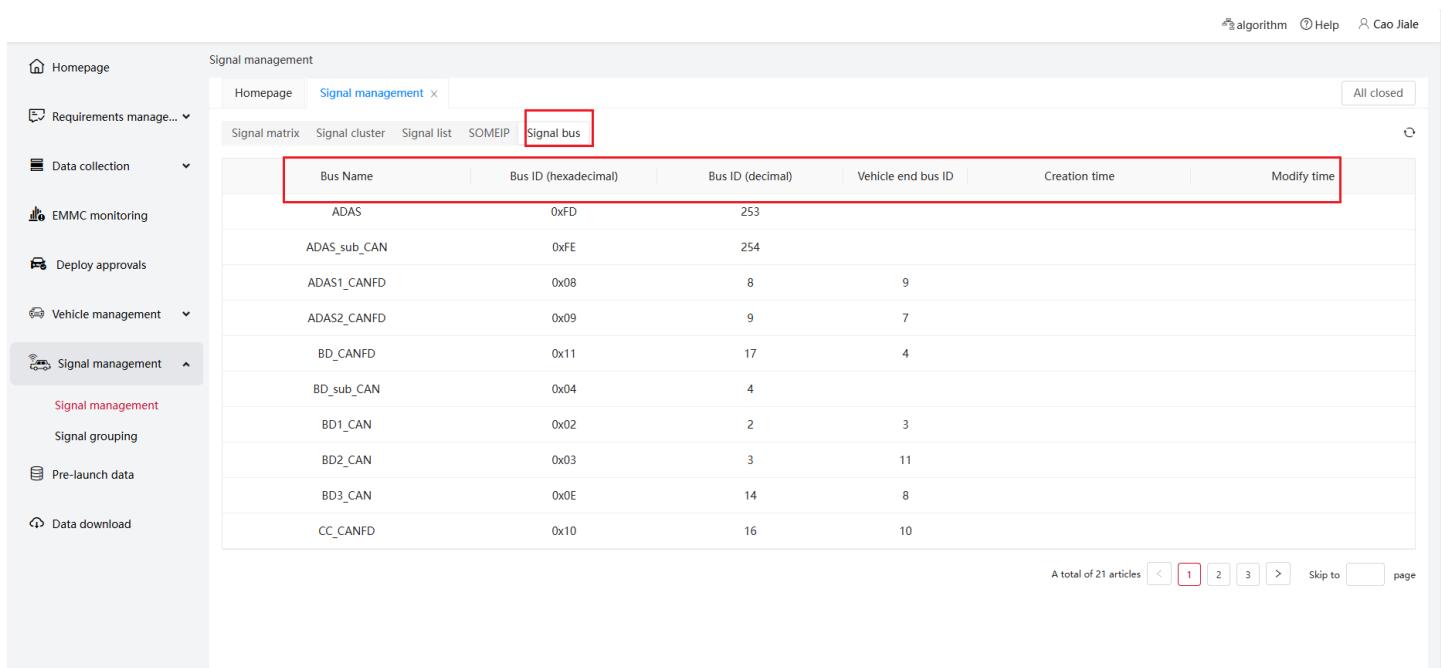
Signal matrix Signal cluster Signal list SOMEIP Signal bus

Bus Name Bus ID (hexadecimal) Bus ID (decimal) Vehicle end bus ID Creation time Modify time

ADAS	0xFD	253			
ADAS_sub_CAN	0xFE	254			
ADAS1_CANFD	0x08	8	9		
ADAS2_CANFD	0x09	9	7		
BD_CANFD	0x11	17	4		
BD_sub_CAN	0x04	4			
BD1_CAN	0x02	2	3		
BD2_CAN	0x03	3	11		
BD3_CAN	0x0E	14	8		
CC_CANFD	0x10	16	10		

A total of 21 articles 1 2 3 > Skip to page

- The list displays bus name, bus ID, vehicle-side bus ID, creation time, and modification time.



Signal management

Homepage Signal management

Signal matrix Signal cluster Signal list SOMEIP Signal bus

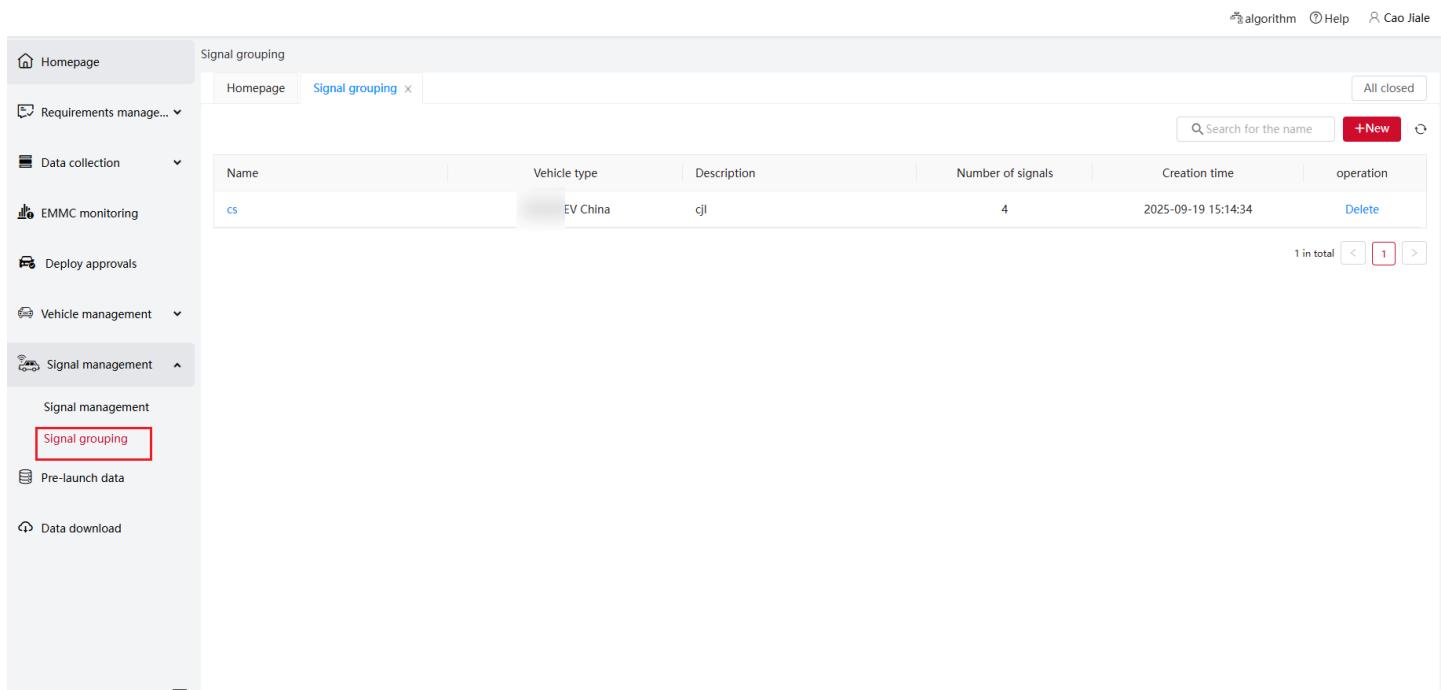
Bus Name	Bus ID (hexadecimal)	Bus ID (decimal)	Vehicle end bus ID	Creation time	Modify time
ADAS	0xFD	253			
ADAS_sub_CAN	0xFE	254			
ADAS1_CANFD	0x08	8	9		
ADAS2_CANFD	0x09	9	7		
BD_CANFD	0x11	17	4		
BD_sub_CAN	0x04	4			
BD1_CAN	0x02	2	3		
BD2_CAN	0x03	3	11		
BD3_CAN	0x0E	14	8		
CC_CANFD	0x10	16	10		

A total of 21 articles < 1 2 3 > Skip to page

## 15. Signal Grouping

Click Signal Grouping in the menu bar to enter the signal grouping management interface.

- The list displays signal group name, description, signal size, creation time, and operations.
- Fuzzy search is supported for signal group names.
- Operation in the action items: Delete.



Signal grouping

Homepage Signal grouping

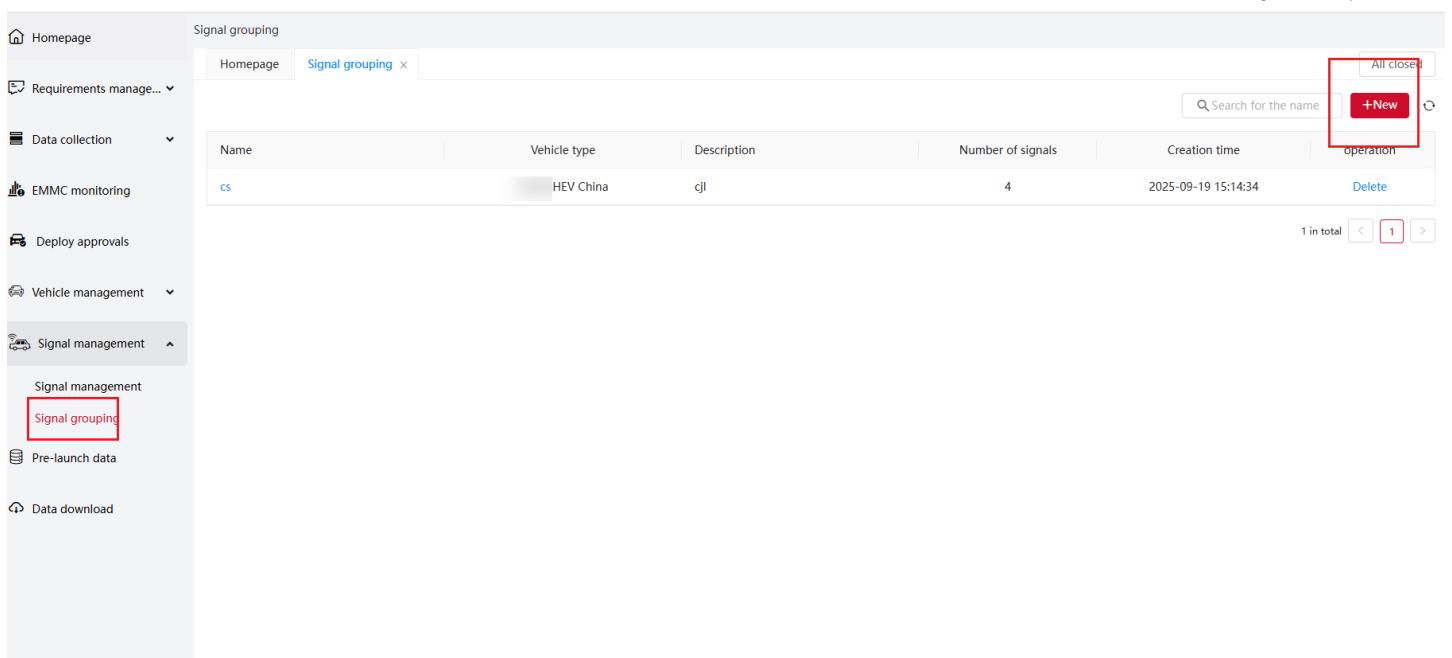
Name Vehicle type Description Number of signals Creation time operation

cs	EV China	cjl	4	2025-09-19 15:14:34	Delete
----	----------	-----	---	---------------------	--------

1 in total < 1 >

### 15.1 Create New Group

Click the New button to bring up the "Create Signal Group" right drawer.



Homepage Signal grouping

Homepage Signal grouping

Name	Vehicle type	Description	Number of signals	Creation time	Operation
cs	HEV China	cjl	4	2025-09-19 15:14:34	<a href="#">Delete</a>

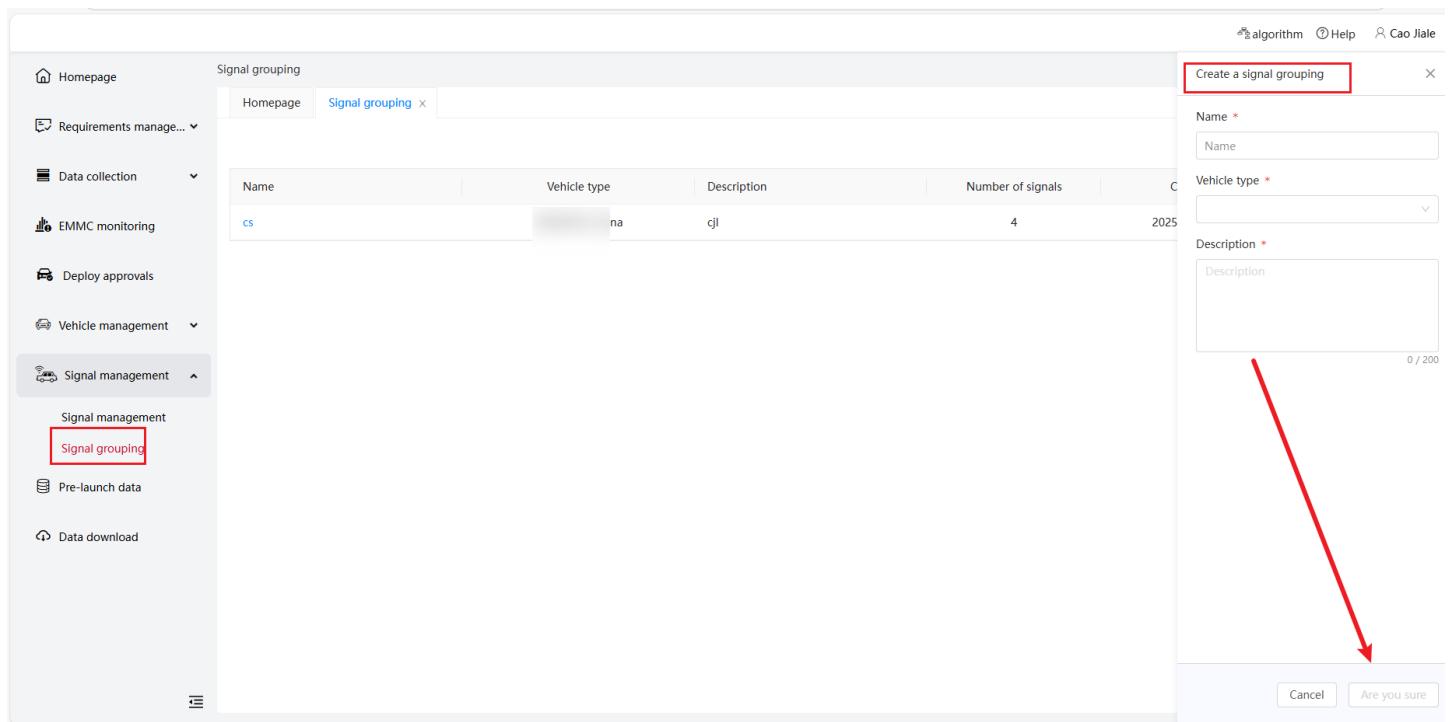
1 in total

Signal management

Signal grouping

Pre-launch data

Data download



Homepage Signal grouping

Homepage Signal grouping

Name	Vehicle type	Description	Number of signals	Creation time
cs	na	cjl	4	2025

Create a signal grouping

Name \*

Vehicle type \*

Description \*

Cancel Are you sure

Signal management

Signal grouping

Pre-launch data

Data download

## 15.2 Delete Group

Click Delete in the Operations column to bring up the deletion confirmation dialog box.

- Click the Confirm button to delete this signal group.
- Click the Cancel button to abort the deletion operation.

The screenshot shows the Signal grouping interface. A confirmation dialog box is centered, asking 'Confirm the deletion of grouping: cs? The operation is irreversible, please operate carefully!' with 'Cancel' and 'Confirm' buttons. The main table shows one grouping named 'cs' with 4 signals, created on 2025-09-19 15:14:34. A red box highlights the 'Delete' button in the table header. On the left sidebar, 'Signal grouping' is selected under 'Signal management'.

Name	Vehicle type	Description	Number of signals	Creation time	operation
cs	ina	cjl	4	2025-09-19 15:14:34	<span style="border: 1px solid red; padding: 2px;">Delete</span>

## 15.3 Signal Management for Signal Groups

Click the name in the signal group list to enter the signal management interface of the corresponding signal group.

The screenshot shows the Signal grouping interface. A red arrow points to the 'Name' column of the table, specifically to the entry 'cs'. A tooltip below the table says 'Click the group name to enter the signal management interface'. The table data is identical to the previous screenshot. The left sidebar shows 'Signal grouping' selected under 'Signal management'.

Name	Vehicle type	Description	Number of signals	Creation time	operation
cs	ina	cjl	4	2025-09-19 15:14:34	<span style="border: 1px solid red; padding: 2px;">Delete</span>

Name	Data source	version	Upload users	Creation time	operation
ADAS1_CANFD.ABM1.Checksum_ABM1	Signal matrix	v1.0.3	Cao Jiale	2025-09-19 15:14:43	Delete
ADAS1_CANFD.ABM1.AirbFailLmpCmd	Signal matrix	v1.0.3	Cao Jiale	2025-09-19 15:14:43	Delete
ADAS1_CANFD.ABM1.CrashOutputSts	Signal matrix	v1.0.3	Cao Jiale	2025-09-19 15:14:43	Delete
ADAS1_CANFD.ABM1.DrvSBR	Signal matrix	v1.0.3	Cao Jiale	2025-09-19 15:14:43	Delete

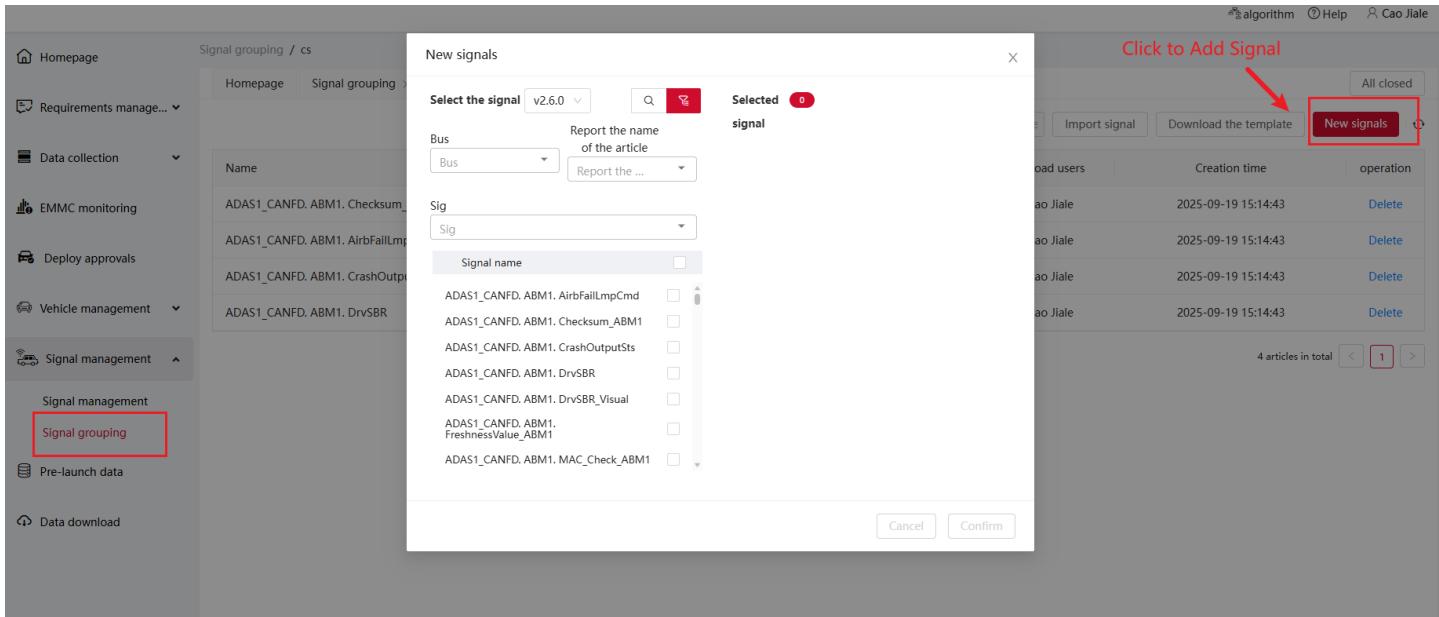
## 15.3.1 Signal List in the Group

- The list displays signal name, signal version, upload user, creation time, and operations.
- Fuzzy search is supported for signals within the group.
- Signals can be added, imported, or deleted.

### 15.3.1.1 Add Group Signals

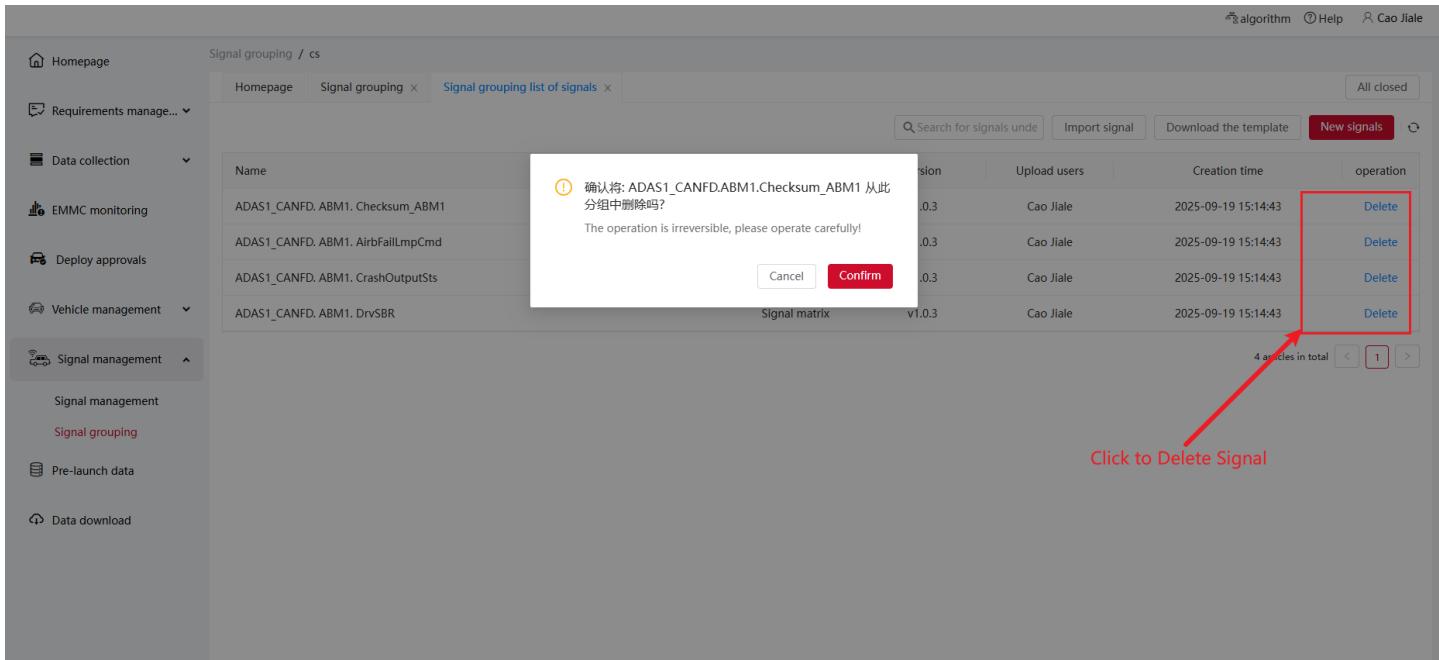
Click the Add Signal button to open the right-side drawer, and select signals to add to this group.

- Select the signal version.
- Filter or search for signals by fuzzy match.
- The Selected Signals list displays the number of selected signals, and you can deselect all signals.
- Hover the mouse over a selected signal to show the Delete icon; click the icon to deselect the signal.
- Click OK to add the selected signals to this signal group.
- Click Cancel to abort the signal addition operation.



### 15.3.1.2 Delete Group Signals

Click Delete in the operation menu to bring up the deletion confirmation dialog box. Click Confirm to remove the signal from this group; click Cancel to abort the deletion operation.



## 16. Requirement Approval

Users with approval permissions shall review the submitted requirement applications, estimate the cloud and vehicle-side resource costs and deployment feasibility, and confirm the data collection scheme.

Note: The data on the requirement approval page can only be viewed and approved by the designated reviewers assigned in the requirement management module.

- Click Requirement Approval in the menu bar to access the requirement approval page.
- The page displays three tabs: Pending Approval, Approved, and Rejected.

Homepage Requirements approval

Pending approval passed Dismissed

Requirement name	Proposer	department	department	Approval status	operation
CS	Cao Jiale	Test Section		Approval	Passed Dismissed

1 in total < 1 >

## 16.1 Pending Approval

Access the Pending Approval tab to display the list of pending approvals.

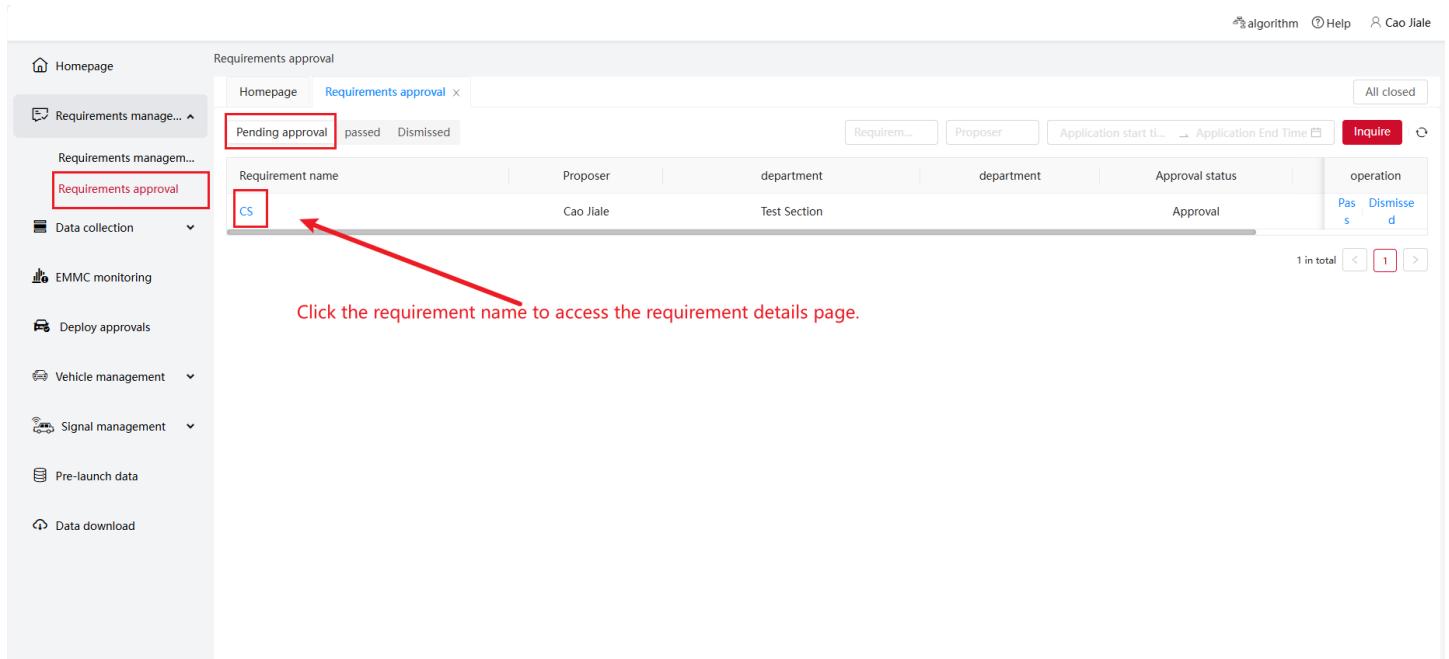
Homepage Requirements approval

Pending approval passed Dismissed

Requirement name	Proposer	department	department	Approval status	operation
CS	Cao Jiale	Test Section		Approval	Passed Dismissed

1 in total < 1 >

- The list displays the requirement name, proposer, department, approval status, application time and operations.
- List data is sorted in reverse chronological order by the application time of requirement deployment.
- Click the requirement name to jump to the requirement details page.



Homepage Requirements approval

Pending approval passed Dismissed

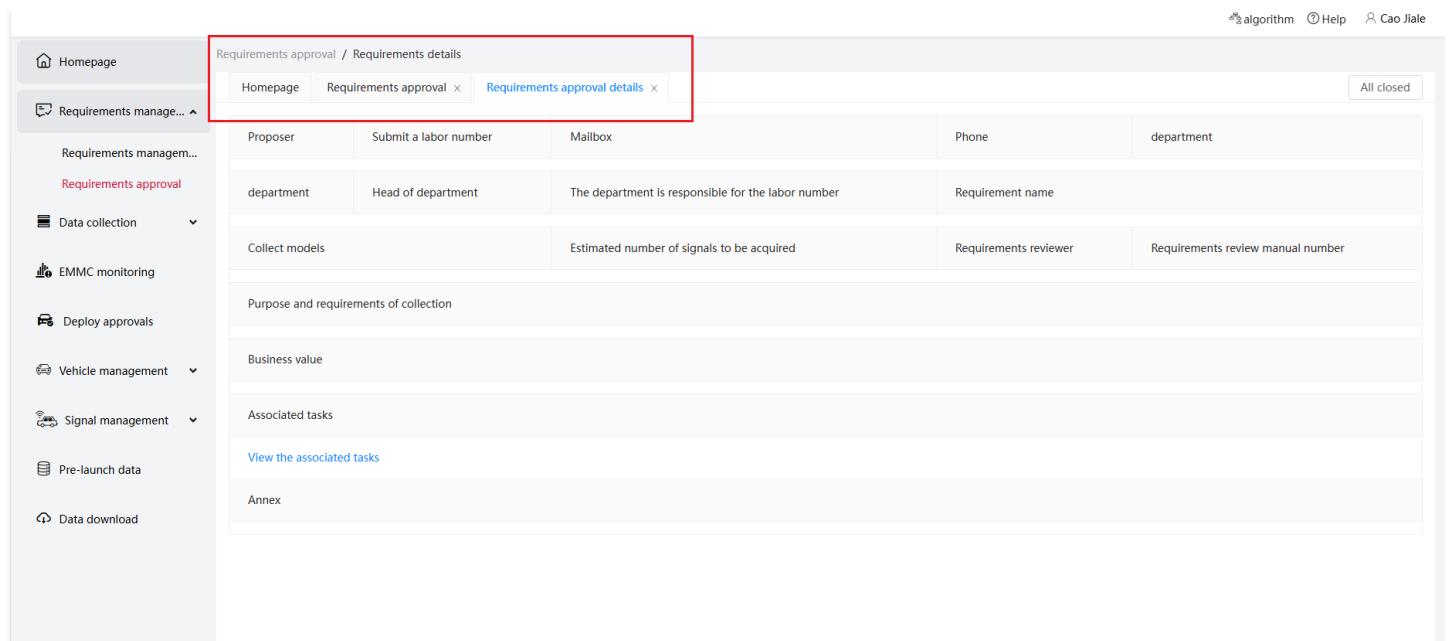
Requirement name Proposer department department Approval status operation

CS Cao Jiale Test Section Approval Pas Dismissed

1 in total < 1 >

Click the requirement name to access the requirement details page.

- Display relevant information of the requirement (propose, propose's employee ID, email address, phone number, section, department, requirement name, data collection purpose, business value, requirement description, vehicle model, number of signals, contact person, etc.).



Homepage Requirements approval / Requirements details

Homepage Requirements approval Requirements approval details

Proposer Submit a labor number Mailbox Phone department

department Head of department The department is responsible for the labor number Requirement name

Collect models Estimated number of signals to be acquired Requirements reviewer Requirements review manual number

Purpose and requirements of collection

Business value

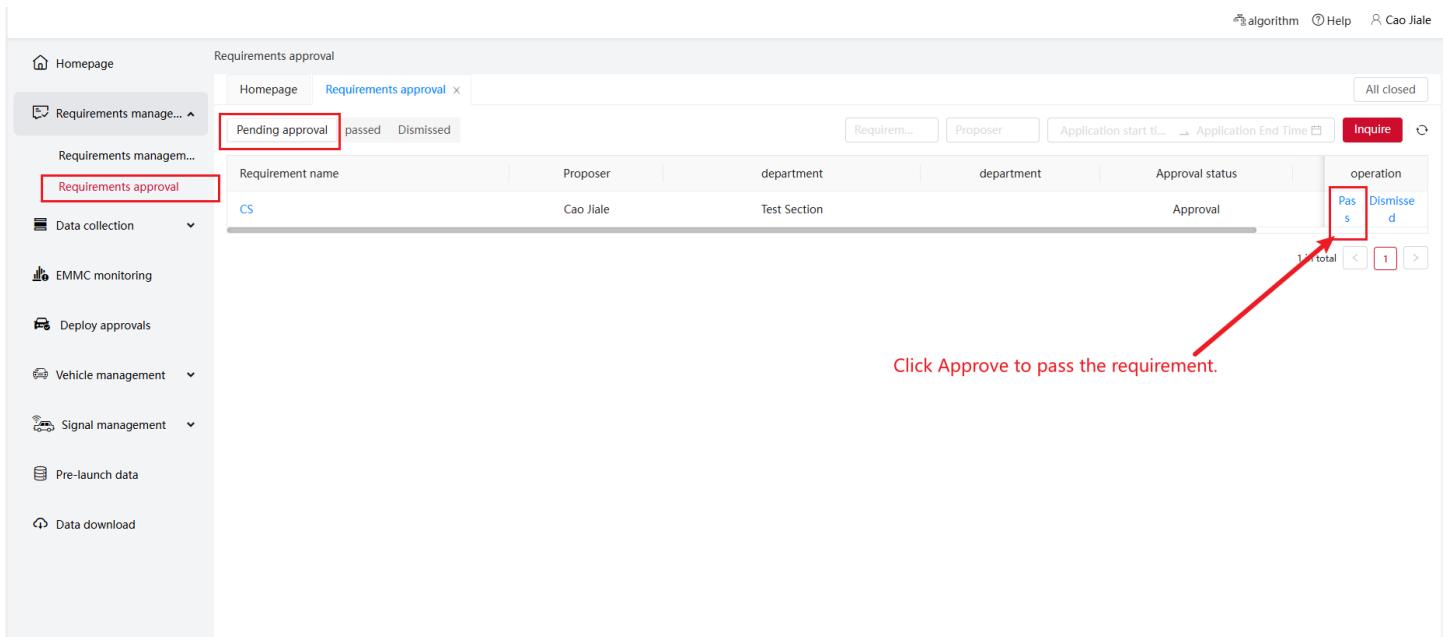
Associated tasks

[View the associated tasks](#)

Annex

## 16.1.1 Approve the Application

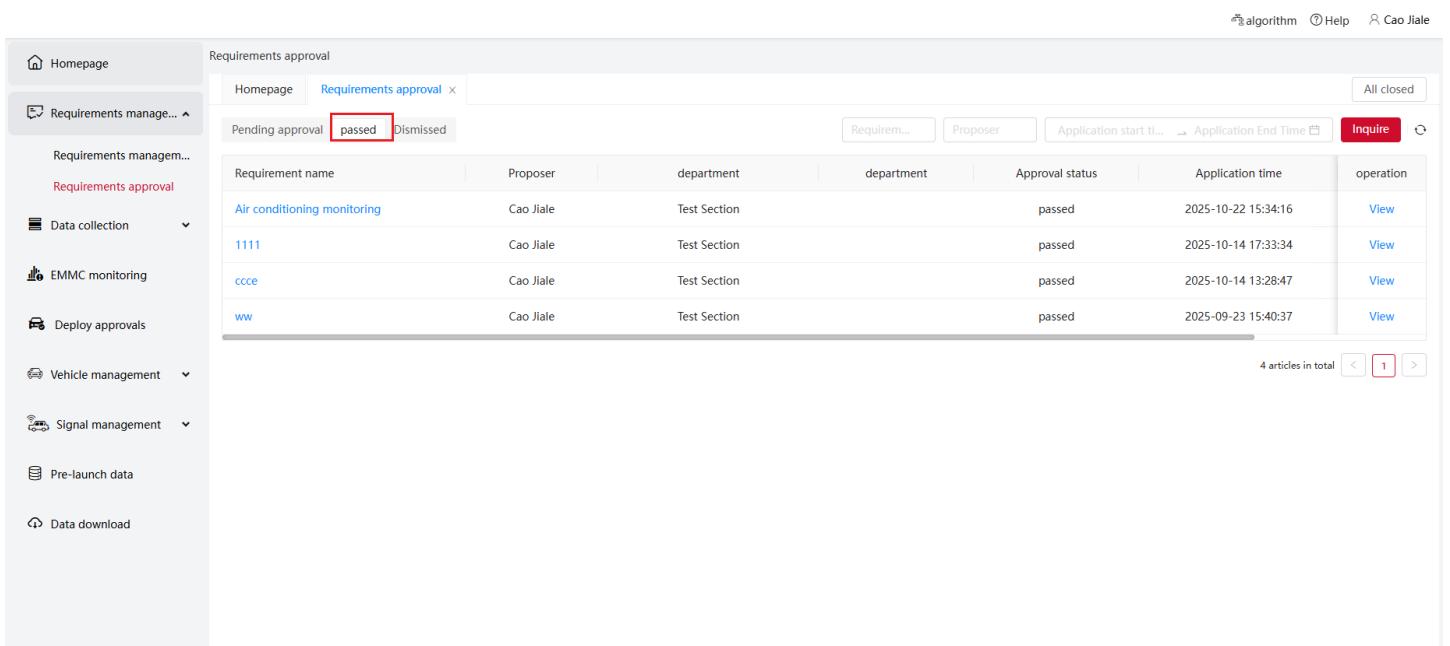
Click Approve to pass the requirement and fill in the approval comments. Approved requirements can be viewed in the Approved tab.



The screenshot shows the 'Requirements approval' section of a software interface. On the left, a sidebar lists various management and monitoring functions. The main area is titled 'Requirements approval' and shows a table with one row. The row contains the following data:

Requirement name	Proposer	department	Approval status	operation
CS	Cao Jiale	Test Section	Approval	Pas sed

A red box highlights the 'Pending approval' tab in the top navigation bar. Another red box highlights the 'Passed' status in the table. A red arrow points to the 'Passed' status with the text 'Click Approve to pass the requirement.'



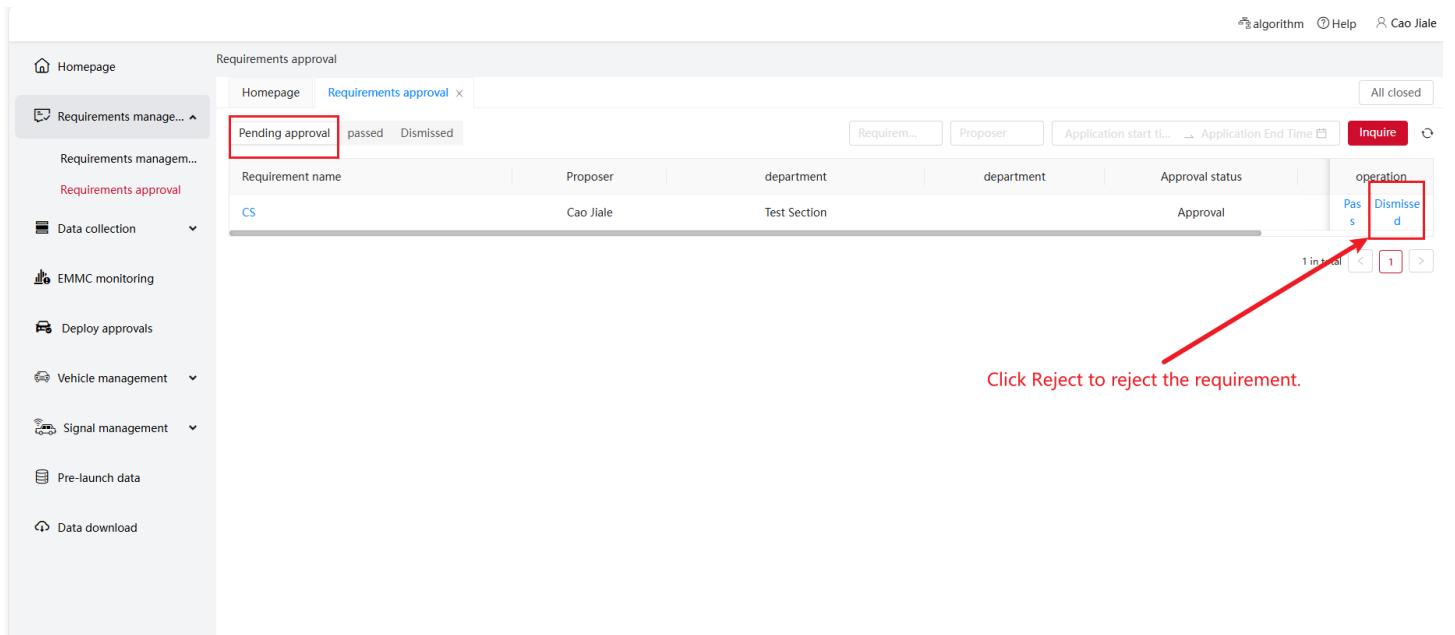
The screenshot shows the 'Requirements approval' section with a table containing four rows, all marked as 'passed'. The table columns are:

Requirement name	Proposer	department	Approval status	Application time	operation
Air conditioning monitoring	Cao Jiale	Test Section	passed	2025-10-22 15:34:16	<a href="#">View</a>
1111	Cao Jiale	Test Section	passed	2025-10-14 17:33:34	<a href="#">View</a>
ccce	Cao Jiale	Test Section	passed	2025-10-14 13:28:47	<a href="#">View</a>
ww	Cao Jiale	Test Section	passed	2025-09-23 15:40:37	<a href="#">View</a>

A red box highlights the 'Passed' tab in the top navigation bar. A red arrow points to the 'Passed' status in the table with the text 'Click Approve to pass the requirement.'

## 16.1.2 Reject the Application

Click Reject to turn down the requirement and fill in the rejection comments. Rejected requirements can be viewed in the Rejected tab.



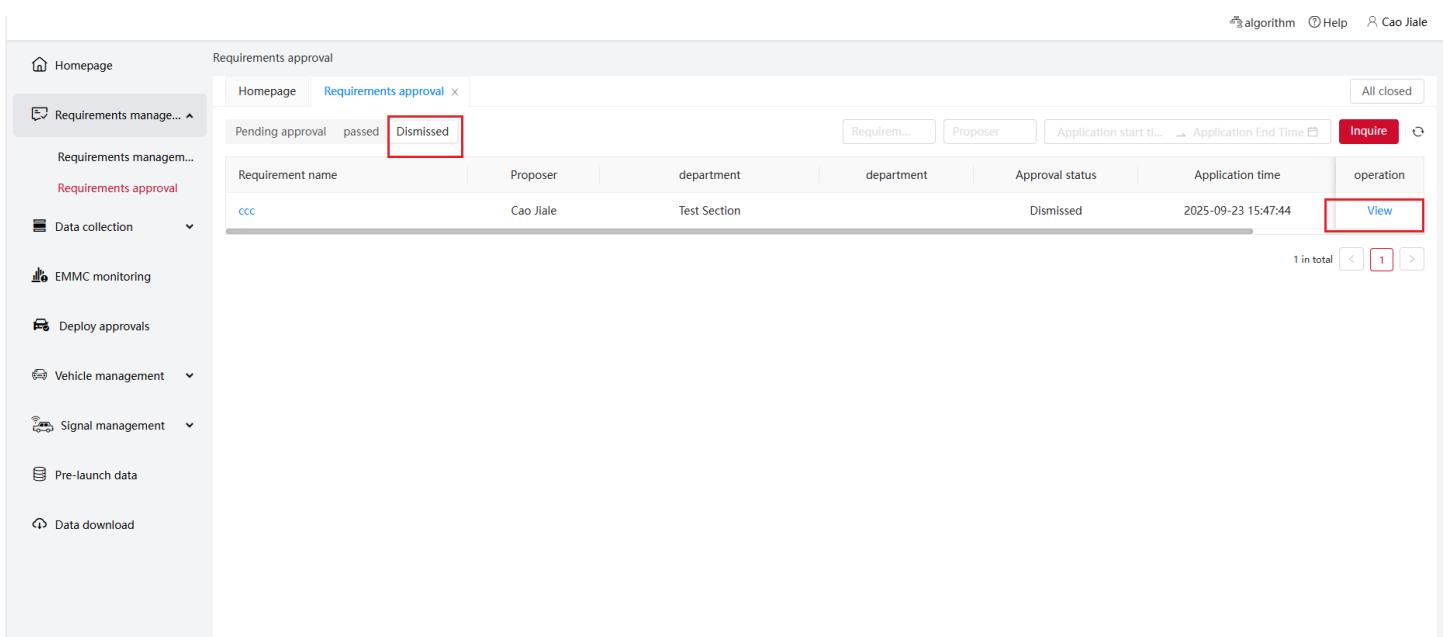
Homepage Requirements approval

Pending approval passed Dismissed

Requirement name	Proposer	department	department	Approval status	operation
CS	Cao Jiale	Test Section		Approval	Pass Dismissed

1 in total < 1 >

Click Reject to reject the requirement.



Homepage Requirements approval

Pending approval passed Dismissed

Requirement name	Proposer	department	department	Approval status	Application time	operation
ccc	Cao Jiale	Test Section		Dismissed	2025-09-23 15:47:44	View

1 in total < 1 >

## 16.2 Approved

Enter the Approved tab to display the list of approved items.

- Click View to check the approval comments.

Homepage Requirements approval

Homepage Requirements approval

Pending approval passed Dismissed

Requirement name Approval opinions

Air conditioning monitoring

1111

ccce

WW

Approval status	Application time	operation
passed	2025-10-22 15:34:16	<a href="#">View</a>
passed	2025-10-14 17:33:34	<a href="#">View</a>
passed	2025-10-14 13:28:47	<a href="#">View</a>
passed	2025-09-23 15:40:37	<a href="#">View</a>

4 articles in total

Inquire

All closed

## 16.3 Rejected

Enter the Rejected tab to display the list of rejected items.

- Click View to check the approval comments.

Homepage Requirements approval

Homepage Requirements approval

Pending approval passed Dismissed

Requirement name Approval opinions

ccc

Approval status	Application time	operation
Dismissed	2025-09-23 15:47:44	<a href="#">View</a>

1 in total

Inquire

All closed

## 17. Platform Approval

- First-level review of data collection tasks. Verify whether the collection tasks meet business requirements.
- Click XXX to access the Platform Approval module.

### 17.1 Data List

- The page displays tabs for Pending Approval, Approved, and Rejected.

- The list shows task name, collection type, algorithm name, deployment status, creator, application time, operations, etc.
- List data is sorted in descending order by the application time of collection deployment.
- Click a task name to navigate to the collection task details page.

platform approval

Pending approval passed Dismissed

Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	Creator	Application time	operation
zkf_his_20251125-v14w6	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	0	Wang Zhijuan	2025-12-03 17:	Pas Dismissed Vie w
zkf_his_20251125-v14W	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	0	Wang Zhijuan	2025-12-02 17:	Pas Dismissed Vie w
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	0	Wang Zhijuan	2025-11-26 15:	Pas Dismissed Vie w
xwdx	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	0	Wang Zhijuan	2025-11-21 15:	Pas Dismissed Vie w
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	1	0	Ren Jieyun	2025-11-21 10:	Pas Dismissed Vie w
jiekoutest	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	52	0	Wang Zhijuan	2025-11-10 16:	Pas Dismissed Vie w
Test use 02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	0	Wang Zhijuan	2025-10-21 15:	Pas Dismissed Vie w
New Environment Coll...	Event Collection	Time monitoring algorithm	Pending approval	Update	1	0	0	0	Sun Peng	2025-10-15 15:	Pas Dismissed Vie w
tesy02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	52	0	Wang Zhijuan	2025-10-14 14:	Pas Dismissed Vie w
his_20250925-v5	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	2	0	Zheng Kaifeng	2025-09-25 17:	Pas Dismissed Vie w

Click the task name to navigate to the details page of the data collection task.

There are 14 articles in total < 1 2 > Skip to page

platform approval / Historical calculation collection details

Homepage The platform reviews the historical calculation details x All closed

Vehicles are selected 1

Vehicle VIN

Output signal 1

Signal name

Task configuration

Task Name:zkf\_his\_20251125-v14w6  
Vehicle Type:Left rear door, China  
Forwarding platform:None  
Storage space:0G  
Vehicle CPU Estimate:0.3%  
Vehicle memory estimate:0.1M  
Enquiry time:09/04/2025 11:28:00 — 11/24/2025 11:10:00  
Algorithm Name: Historical Calculation - Left Back Door  
Algorithm description: 1  
Version number: v1.0.0  
Requirements binding: Requirements Test 18

## 17.2 Approve the Review

Click Approve to deploy the algorithm to the vehicle terminal. View the deployed algorithm in the Approved tab and check the deployment status on the Deployment History page.

## platform approval

Pending approval	passed	Dismissed	Task name	All types	Application start ti...	Application End Time	Inquire		
Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete total number of signals	operation
zkf_his_20251125-v14w6	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	1	(	<span>Pass</span>
zkf_his_20251125-V14W	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	1	(	<span>Dismissed</span>
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	1	(	<span>Pass</span>
xwdx	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	50	(	<span>Dismissed</span>
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	<span>○</span> Pending approval	Added	1	0	1	(	<span>Pass</span>
jiekoutest	Historical calculations	Event Algorithm-1	<span>○</span> Pending approval	Added	1	0	52	(	<span>Dismissed</span>
Test use 02	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	50	(	<span>Pass</span>
New Environment Coll...	Event Collection	Time monitoring algorithm	<span>○</span> Pending approval	Update	1	0	0	(	<span>Pass</span>
tesy02	Historical calculations	Historical calculations - left rear door	<span>○</span> Pending approval	Added	1	0	52	(	<span>Dismissed</span>
his_20250925-v5	Historical calculations	Event Algorithm-1	<span>○</span> Pending approval	Added	1	0	2	(	<span>Pass</span>

### platform approval

Pending approval	passed	Dismissed	Task name	All types	Application start ti...	Application End Time	Inquire		
Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete total n of si	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	passed	Update	1	0	0	(	<a href="#">View</a>
test01_copy	Event Collection	Event algorithm - left back door	passed	Added	2	0	1	(	<a href="#">View</a>
Real car test - can be d...	Event Collection	Event algorithm - left back door	passed	Update	1	0	0	(	<a href="#">View</a>
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	passed	Update	1	0	0	(	<a href="#">View</a>
his_20251212_1	Historical calculations	Event Algorithm-1	passed	Added	1	0	52	(	<a href="#">View</a>
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	passed	Added	1	0	1	(	<a href="#">View</a>
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	passed	Added	1	0	1	(	<a href="#">View</a>
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	passed	Added	1	0	1	(	<a href="#">View</a>
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	passed	Added	1	0	1	(	<a href="#">View</a>
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	passed	Added	1	0	1	(	<a href="#">View</a>

## 17.3 Reject the Review

Click Reject and the algorithm will not be delivered. You can view the rejected algorithms in the Rejected tab, and the deployment status will display as Rejected on the Deployment History page.

platform approval

Pending approval			passed	Dismissed	Task name	All types	Application start ti...	Application End Time	Inquire	operation	
Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete total n of sig	Pas	Dismissed	View
zkf_his_20251125-v14w6	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(	Pas	Dismissed	View
zkf_his_20251125-V14W	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(	Pas	Dismissed	View
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(	Pas	Dismissed	View
xwdx	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(	Pas	Dismissed	View
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	1	(	Pas	Dismissed	View
jiekoutest	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	52	(	Pas	Dismissed	View
Test use 02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(	Pas	Dismissed	View
New Environment Coll...	Event Collection	Time monitoring algorithm	Pending approval	Update	1	0	0	(	Pas	Dismissed	View
tesy02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	52	(	Pas	Dismissed	View
his_20250925-v5	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	2	(	Pas	Dismissed	View

There are 14 articles in total &lt; 1 2 &gt; Skip to page

## 17.4 Query Data

- List data can be filtered by collection task name, collection type (event collection, periodic collection, historical query, log collection, matrix update) and application time. (Combined query is supported across the Pending Approval, Approved and Rejected tabs.)
- Click View to bring up a dialog box and check the deployment approval comments.

Pending approval			passed	Dismissed	Task name	All types	Application start ti...	Application End Time	Inquire	operation		
Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Event Col... Cycle Ac... Historical...	Delete the total number of vehicles	The total number of new signals	Delete total n of sig	Pas	Dismissed	View
zkf_his_20251125-v14w6	Historical calculations	Historical calculations - left rear door	Pending approval	Added	0		(	Pas	Dismissed	View		
zkf_his_20251125-V14W	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(	Pas	Dismissed	View	
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(	Pas	Dismissed	View	
xwdx	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(	Pas	Dismissed	View	
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	1	(	Pas	Dismissed	View	
jiekoutest	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	52	(	Pas	Dismissed	View	
Test use 02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(	Pas	Dismissed	View	
New Environment Coll...	Event Collection	Time monitoring algorithm	Pending approval	Update	1	0	0	(	Pas	Dismissed	View	
tesy02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	52	(	Pas	Dismissed	View	
his_20250925-v5	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	2	(	Pas	Dismissed	View	

There are 14 articles in total &lt; 1 2 &gt; Skip to page

The screenshot shows a table of deployment data with a modal overlay. The table has columns: Task name, Collection type, Algorithm name, Deployment, Approval identification, The total number of vehicles, Delete the total number of vehicles, The total number of new signals, Delete the total number of signals, and operation. A red arrow points to the 'operation' column. The modal contains sections for 'Approval opinions' and 'Deploy approval opinions'.

Task name	Collection type	Algorithm name	Deployment	Approval identification	The total number of vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	operation
zkf_his_20251125-v14w6	Historical calculations	Historical left rear d...			1	(	Pas	Dismissed	Vie...
zkf_his_20251125-V14W	Historical calculations	Historical left rear d...			1	(	Pas	Dismissed	Vie...
zkf_his_20251125-v14	Historical calculations	Historical left rear d...			1	(	Pas	Dismissed	Vie...
xwdx	Historical calculations	Historical left rear d...			50	(	Pas	Dismissed	Vie...
zkf_his_20251120-v1-c...	Historical calculations	Event Algo...			1	(	Pas	Dismissed	Vie...
jiekoutest	Historical calculations	Event Algo...			52	(	Pas	Dismissed	Vie...
Test use 02	Historical calculations	Historical left rear d...			50	(	Pas	Dismissed	Vie...
New Environment Coll...	Event Collection	Time mon...			0	(	Pas	Dismissed	Vie...
tesy02	Historical calculations	Historical left rear d...			52	(	Pas	Dismissed	Vie...
his_20250925-v5	Historical calculations	Event Algo...			2	(	Pas	Dismissed	Vie...

There are 14 articles in total

## 18. Deployment Approval

- Click Deployment Approval in the menu bar to access the deployment approval page.
- Secondary review of data collection tasks. For a collection task, re-verify whether it meets the business requirements.

### 18.1 Data List

- The list displays task name, collection type, algorithm name, deployment status, approval identifier, total number of newly added vehicles, total number of deleted vehicles, total number of newly added signals, total number of deleted signals, creator, application time and operations.
- List data can be filtered by collection task name, collection type (event collection, periodic collection, historical calculation, matrix update), status type (all statuses, under GWM review, rejected by GWM, undeployed, pending approval, rejected) and application time.
- List data is sorted in descending order by the application time of collection deployment.
- Click a task name to navigate to the collection task details page.
- Deployment Status:
  - Pending Approval: The status when the task has not been submitted for internal GWM review.
  - Under GWM Review: The status when the task has been submitted for internal GWM review and is pending a result.
  - Undeployed: The status when the task has passed internal GWM review but has not yet been deployed to the vehicle terminal.

- d. Rejected by GWM: The status when the task has failed internal GWM review.
- e. Rejected: The status after clicking the Reject button, which applies when the task has passed internal GWM review but cannot be deployed and delivered due to other reasons.
- f. Deployed: The status after clicking the Deploy button, which applies when the task has passed internal GWM review.

Click to navigate to the data collection task details page.

Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	<span>deploy</span> <span>Dismiss</span>
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	<span>deploy</span> <span>Dismiss</span>
Real car test - can be deleted...	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	<span>deploy</span> <span>Dismiss</span>
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	<span>deploy</span> <span>Dismiss</span>
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	<span>deploy</span> <span>Dismiss</span>
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	<span>deploy</span> <span>Dismiss</span>
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	<span>deploy</span> <span>Dismiss</span>
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	<span>deploy</span> <span>Dismiss</span>
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	<span>deploy</span> <span>Dismiss</span>
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	<span>deploy</span> <span>Dismiss</span>

A total of 146 articles

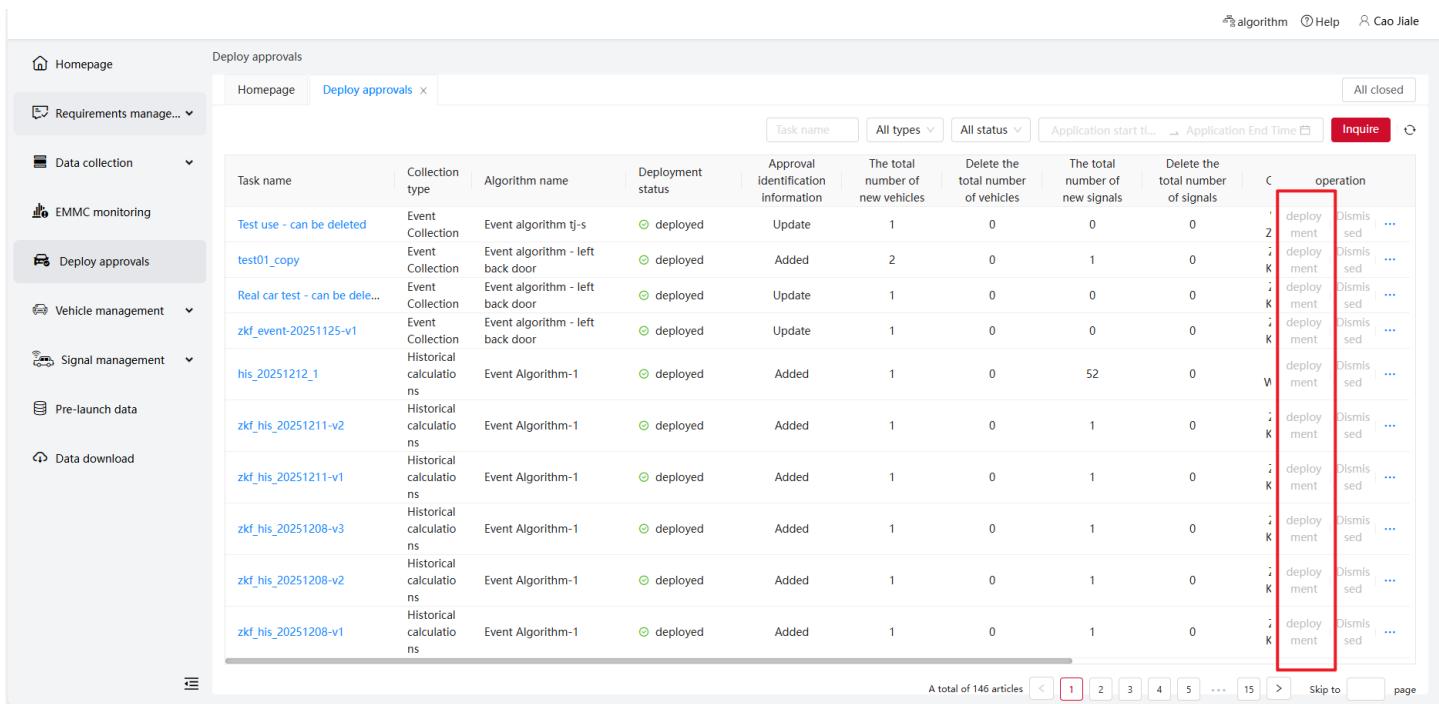
Deploy approvals / undefined 更新详情

Vehicle updates Signal updates Requirements update Forwarding platform updates Reporting Cycle Update (S) Storage Space Update (G) Vehicle-side CPU Estimate Update (%) Vehicle Memory Estimate Update (M)

New vehicles 0 Delete the vehicle 0

## 18.2 Approve Deployment

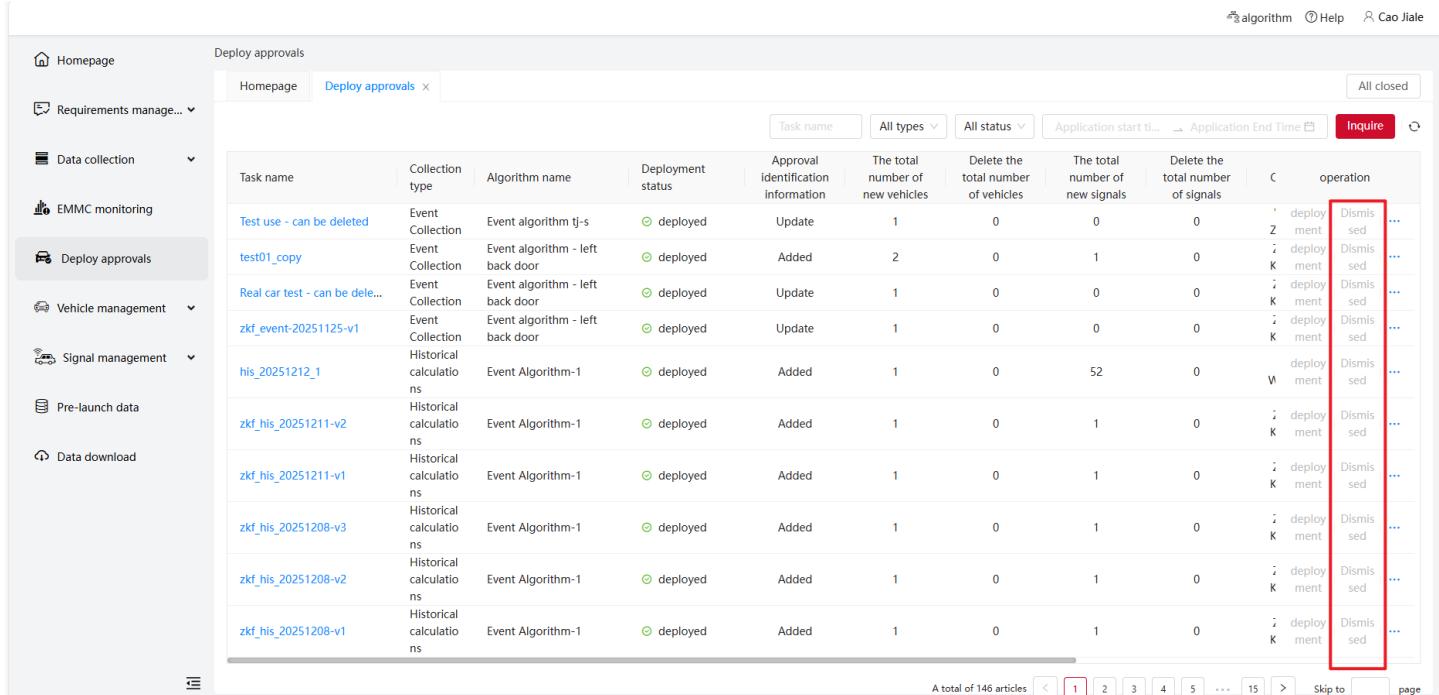
Click Deploy to deploy the algorithm to the vehicle terminal.



Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	Z	deploy
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	K	dismiss
Real car test - can be deleted	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	Z	deploy
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	dismiss
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	W	deploy
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	dismiss
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	dismiss
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
									K	dismiss

## 18.3 Reject Deployment

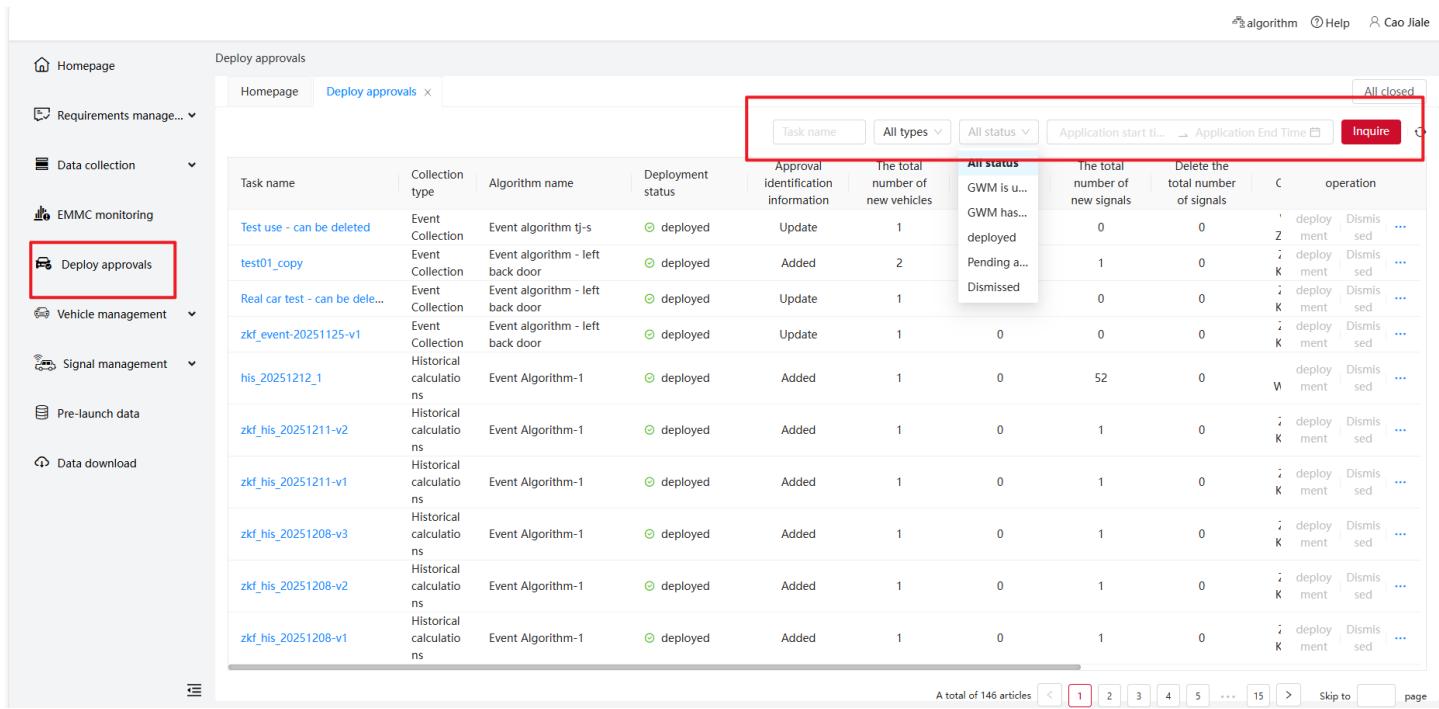
- Click Reject to reject the deployment task, fill in the rejection comments, and the data collection task will not be delivered to the vehicle terminal.



Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	Z	deploy
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	K	dismiss
Real car test - can be deleted	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	Z	deploy
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	dismiss
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	W	deploy
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	dismiss
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	dismiss
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	Z	deploy
									K	dismiss

## 18.4 Query Data

- List data can be filtered by collection task name, collection type (event collection, periodic collection, historical query, log collection, matrix update), approval status (all statuses, under platform review, rejected by platform, deployed, pending approval, rejected) and application time.

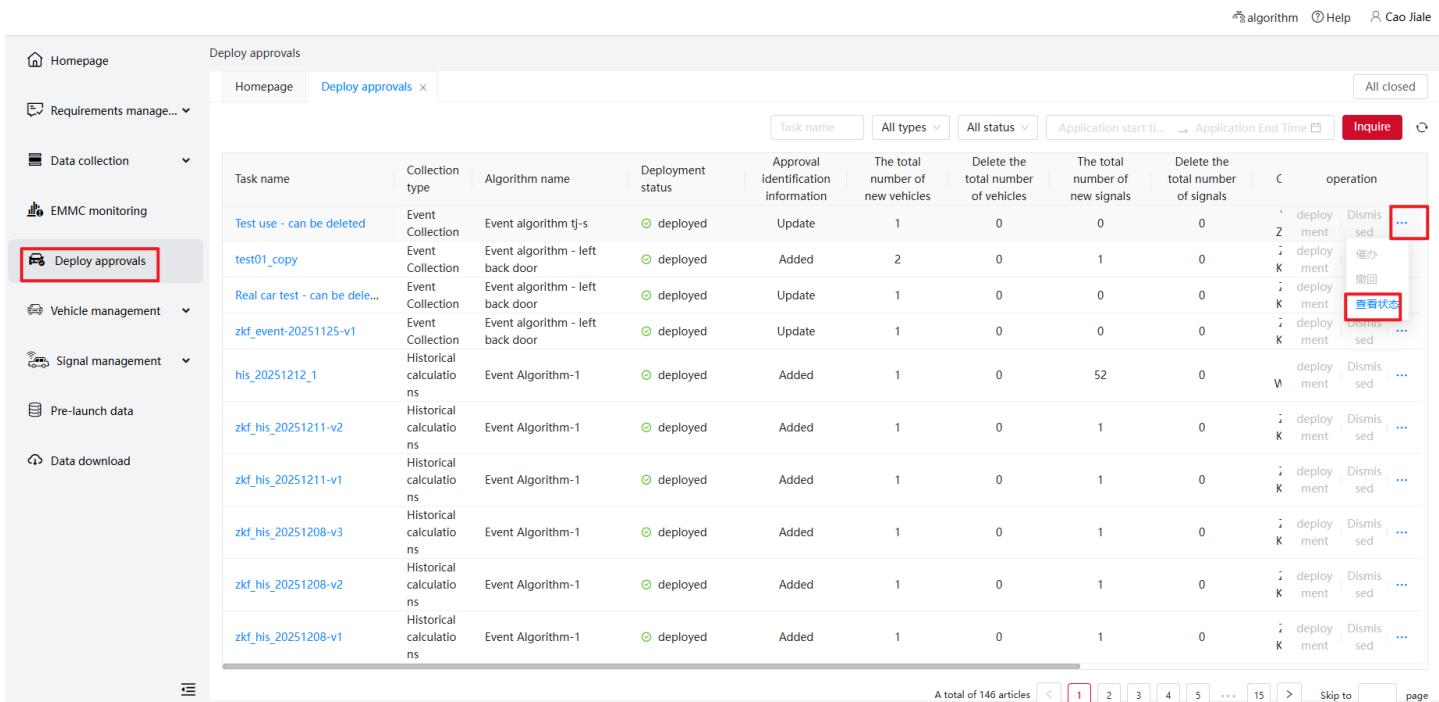


Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	All status	The total number of new signals	Delete the total number of signals	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	GWM is u... GWM has... deployed	0	0	z	deploy ment
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	Pending a... Dismissed	1	0	i	deploy ment
Real car test - can be deleted	Event Collection	Event algorithm - left back door	deployed	Update	1		0	0	k	deploy ment
zkf_event_20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	z	deploy ment
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1		52	0	w	deploy ment
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	k	deploy ment
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	k	deploy ment
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment

## 18.5 More Operations “...”

Click ... in the operation column to access more operations.

1. Urge Approval: Send a message via the interface to urge the reviewer to approve the task.
2. Withdraw: Send a message via the interface to withdraw the approval.
3. View Status: Bring up a dialog box to display the approval status.



Task name	Collection type	Algorithm name	Deployment status	Approval identification information	The total number of new vehicles	Delete the total number of vehicles	The total number of new signals	Delete the total number of signals	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	z	deploy ment
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	i	deploy ment
Real car test - can be deleted	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	k	deploy ment
zkf_event_20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	z	deploy ment
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	w	deploy ment
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	k	deploy ment
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	k	deploy ment
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	z	deploy ment

### 18.5.1 Button Status

- Not Submitted: The functions of Urge Approval, Withdraw and View Status are not clickable.
- Under GWM Review: The functions of Urge Approval, Withdraw and View Status are clickable.

- Approved by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Rejected by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Under Review: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Rejected: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Deployed: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable

## 19. Pre-Startup Data

Display of pre-startup data, supporting online viewing and download of such data.

### 19.1 Data List

1. The list displays VIN, address, vehicle terminal time, creation time, and operations (View (Note: Two versions are available for user trial; only one will be retained in the final version). Download (Note: The second download option is time-calculated download, and the format must be selected as csv)).
2. Fuzzy search by VIN is supported.
3. Query by the start time and end time of data packet upload is supported.
4. Supported download formats: Defaults to blank. Available data formats: blf/asc/csv/vsw/mdf.
5. Click Refresh: Refresh the list information.
6. Click Address: A dialog box pops up to display the OBS storage path.
7. Click Download: A window pops up. Select the signals to be parsed in the window and click Confirm to download the data.

Homepage Requirements manage... Data collection EMMC monitoring Deploy approvals Vehicle management Signal management Pre-launch data Data download

Pre-launch data

VIN number Address End of the vehicle Creation time operation

00041	View	2025-12-18 10:01:58	2025-12-18 10:02:00	Download View View Download
00041	View	2025-12-18 10:01:58	2025-12-18 10:01:59	Download View View Download
00041	View	2025-12-18 10:01:57	2025-12-18 10:01:58	Download View View Download
00041	View	2025-12-18 10:01:57	2025-12-18 10:01:58	Download View View Download
00012	View	2025-12-18 09:57:27	2025-12-18 09:57:26	Download View View Download
00052	View	2025-12-18 09:57:23	2025-12-18 09:57:24	Download View View Download
00052	View	2025-12-18 09:57:23	2025-12-18 09:57:23	Download View View Download
00052	View	2025-12-18 09:57:22	2025-12-18 09:57:22	Download View View Download
00048	View	2025-12-18 09:55:03	2025-12-18 09:55:03	Download View View Download
FF	View	2025-12-18 09:46:40	2025-12-18 09:46:41	Download View View Download

A total of 30,418 articles

## 19.1.1 Download

Select the download format.

Click Download: A window pops up. Select the signals to be parsed in the window and click Confirm to download the data.

Select Signal Download Select the signal to be parsed

Select the signal

Bus: Bus Report the name of the article: ADAS1\_CANFD.ABM1.AirbFailLmpCmd

Sig: Sig

Signal name: ADAS1\_CANFD.ABM1.AirbFailLmpCmd

ADAS1\_CANFD.ABM1.Checksum\_ABM1

ADAS1\_CANFD.ABM1.CrashOutputSts

ADAS1\_CANFD.ABM1.DrvSBR

ADAS1\_CANFD.ABM1.DrvSBR\_Visual

ADAS1\_CANFD.ABM1.FreshnessValue\_ABM1

ADAS1\_CANFD.ABM1.MAC\_Check\_ABM1

ADAS1\_CANFD.ABM1.PABSwtSts

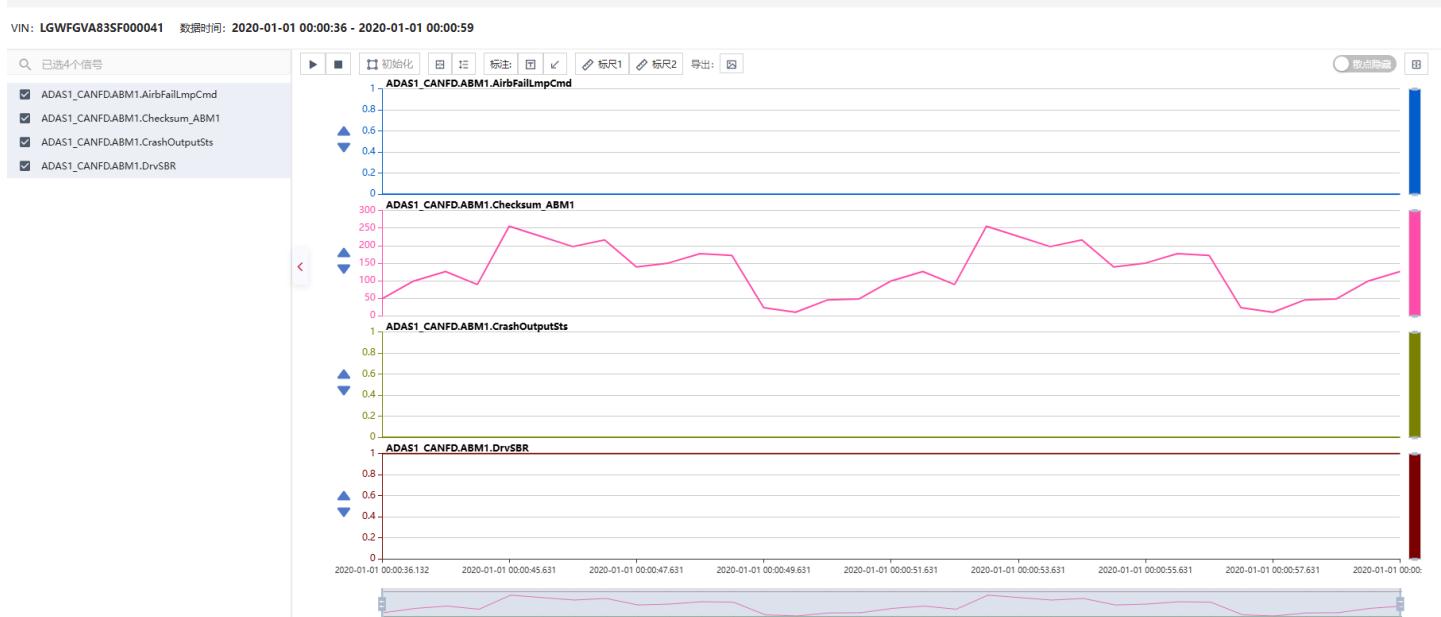
Download View View Download

## 19.1.2 View

Click View: A window pops up. Select the signals to be viewed in the window and click Confirm to check the data.

The screenshot shows the 'Pre-launch data' interface. On the left, a sidebar lists various vehicle management and data collection modules. The 'Pre-launch data' module is highlighted with a red box. The main area is titled 'Select Signal Download' and contains a table for selecting signals. The table has columns for 'Selected' (with a count of 4), 'signal', 'Bus', 'Report the name of the article', 'Sig', and 'Signal name'. The 'Selected' column contains checkboxes, three of which are checked. The 'signal' column lists signal names like 'ADAS1\_CANFD.ABM1.DrvSBR'. The 'Bus' and 'Report the name of the article' columns have dropdown menus. The 'Sig' and 'Signal name' columns have input fields. At the bottom are 'Cancel' and 'Confirm' buttons. In the background, a log table is visible with columns for 'Time', 'operation', and several download links. A red box highlights the 'View' link in the 0:01:59 row.

- **View (Version 1):**



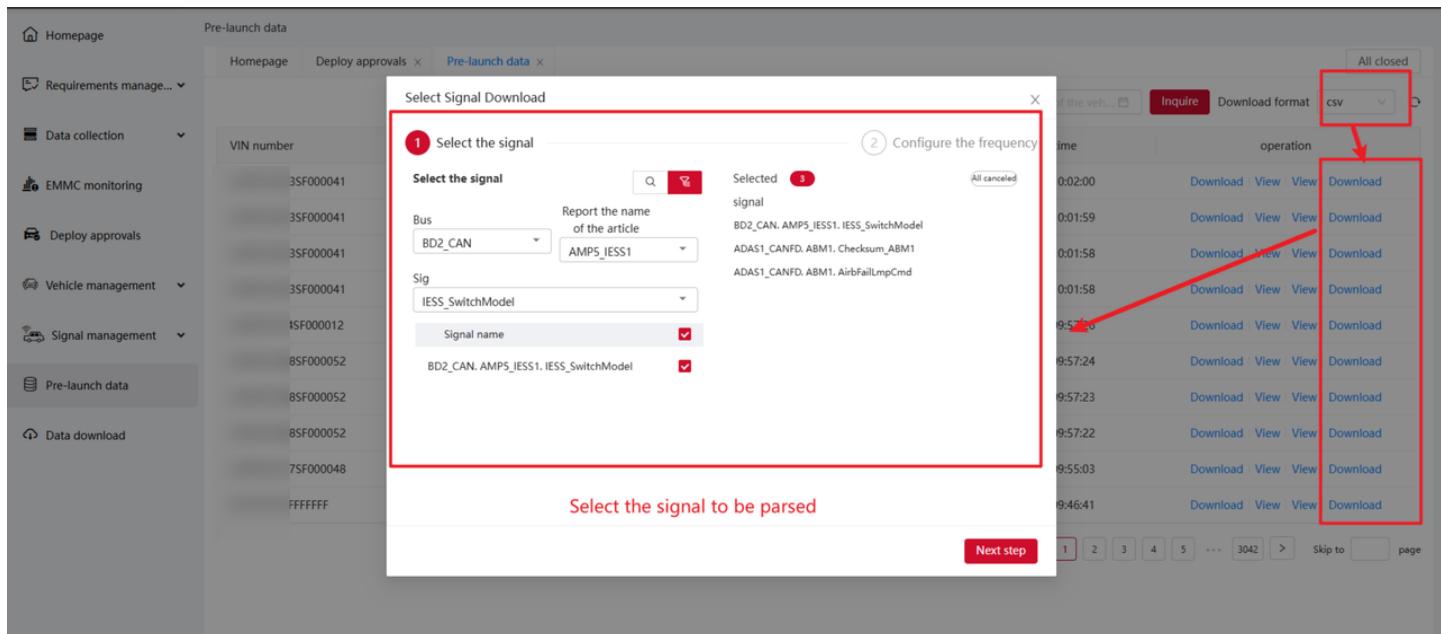
- **View (Version 2):**



## 19.1.3 Time-Calculated Download

Select csv as the download format.

Click Download: A window pops up. Select the signals to be parsed in the window and click Confirm to download the data.



## 20. Data Download

The data download function supports the download and viewing of various collected data.

### 20.1 Data List

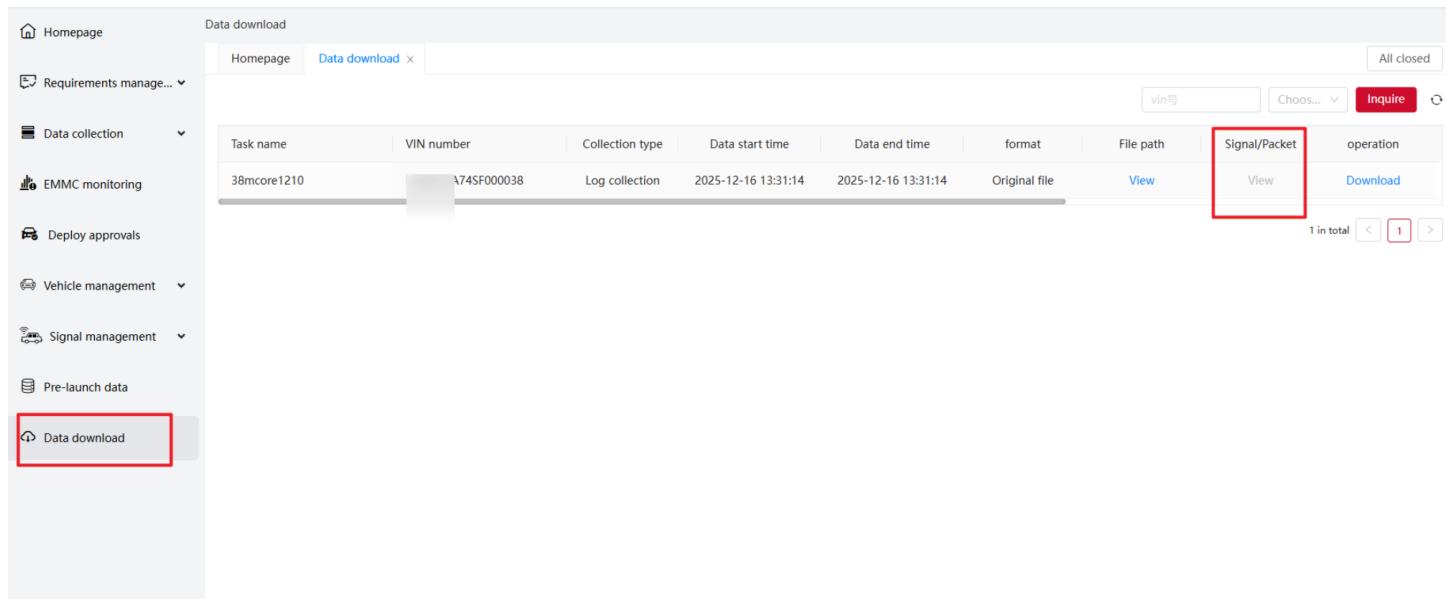
1. The list displays task name, VIN, data start time, data end time, download format, signal/message, download status, exception log, creator, creation time and operation (Download).

2. Fuzzy search by VIN is supported.
3. Filtering by download format is supported.
4. Refresh: Refresh the list information.
5. Exception Log: Displayed in gray and non-clickable for successful downloads; clickable to view specific exception details when an exception occurs.
6. Signal/Message: Click View to bring up a prompt box showing the signals/messages included in the download package.

## 20.1.1 Exception Log Viewing

- For successful downloads: The button is grayed out and non-clickable.
- For abnormal cases: Clickable to view specific exception details.

Click View to bring up a prompt box displaying the signals/messages in the download package.



Task name	VIN number	Collection type	Data start time	Data end time	format	File path	Signal/Packet	operation
38mcore1210	A74SF000038	Log collection	2025-12-16 13:31:14	2025-12-16 13:31:14	Original file	<a href="#">View</a>	<a href="#">View</a>	<a href="#">Download</a>

## 20.1.2 Download

Click Download: A window pops up. Select the intended use of the data to be downloaded in the window and click Confirm to proceed with the data download.

