

# 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.



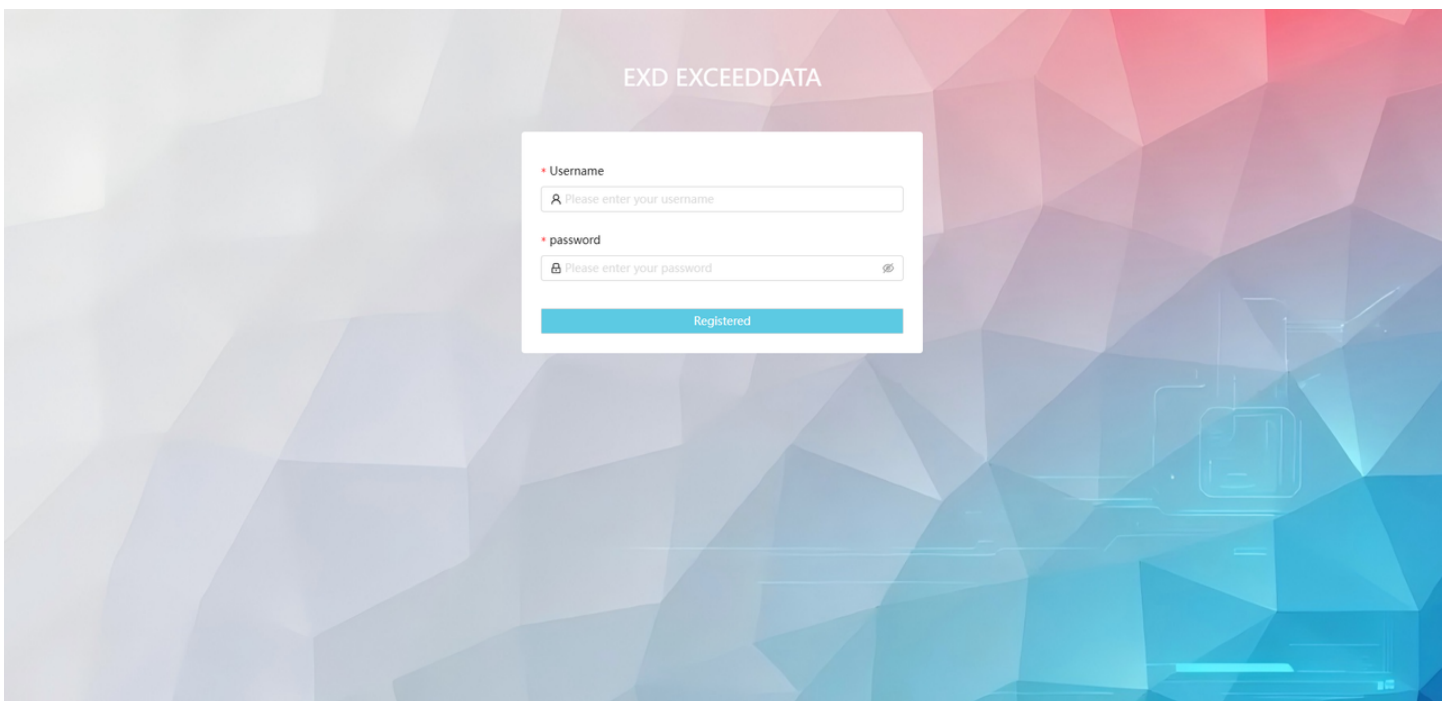
- The event algorithms relied on by Event Acquisition and Historical Calculation Acquisition must be built using VDE's supporting algorithm building tool. For usage instructions of the algorithm building tool, refer to the *Algorithm Platform Help Document* or contact platform support staff.
- Since 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.

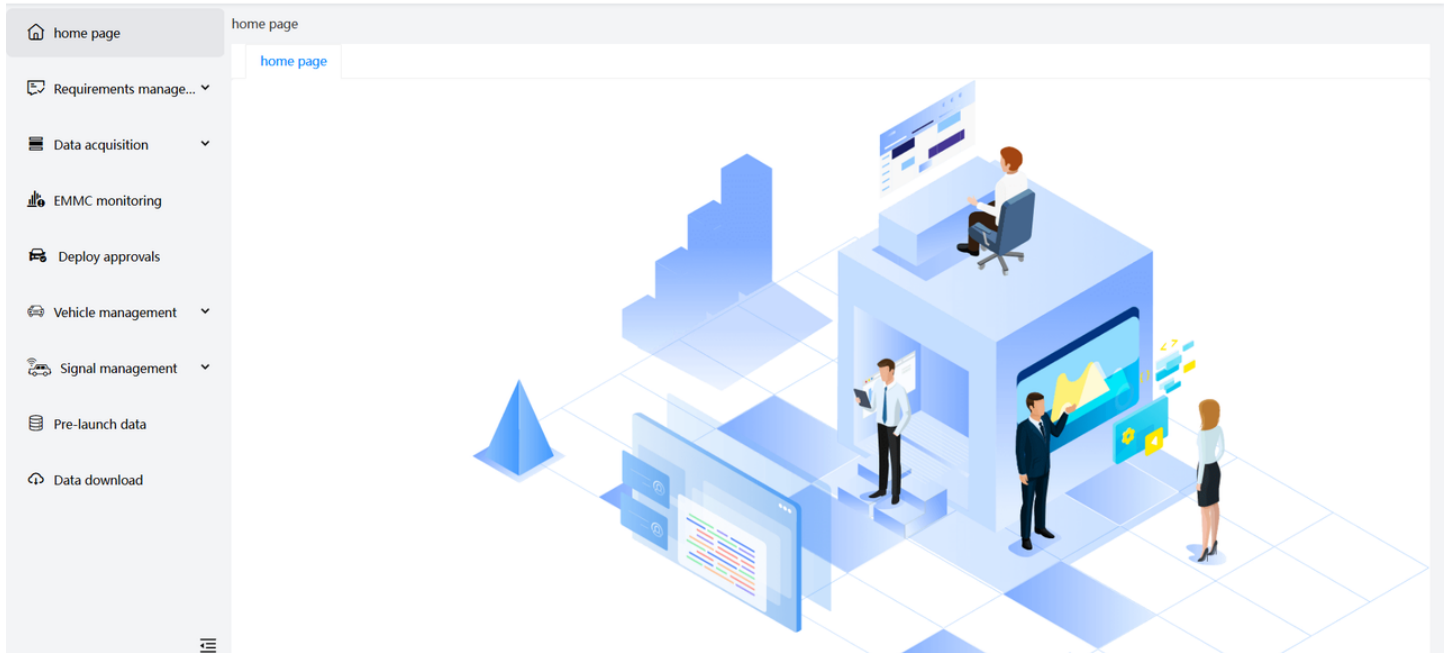
## 2. Login Methods

### 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.

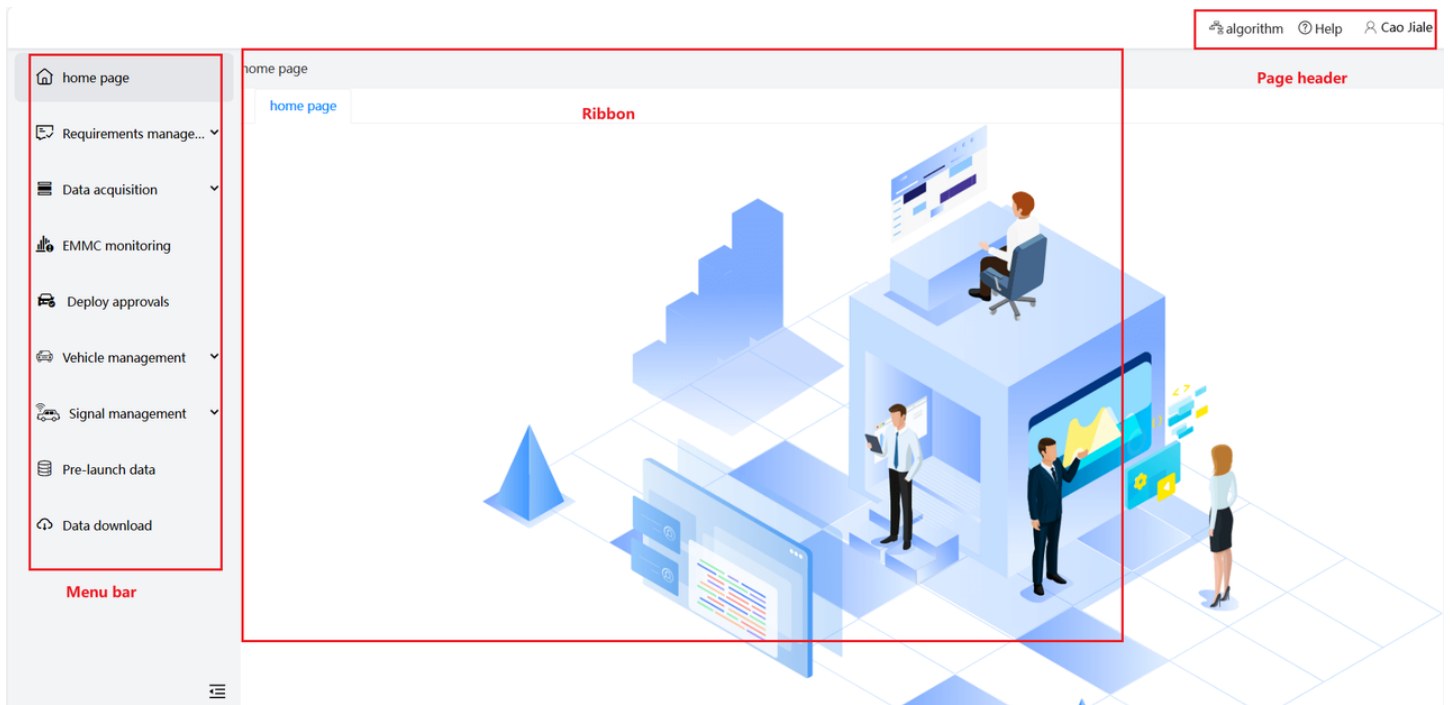




## 2.2. Introduction to the Operation Interface

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

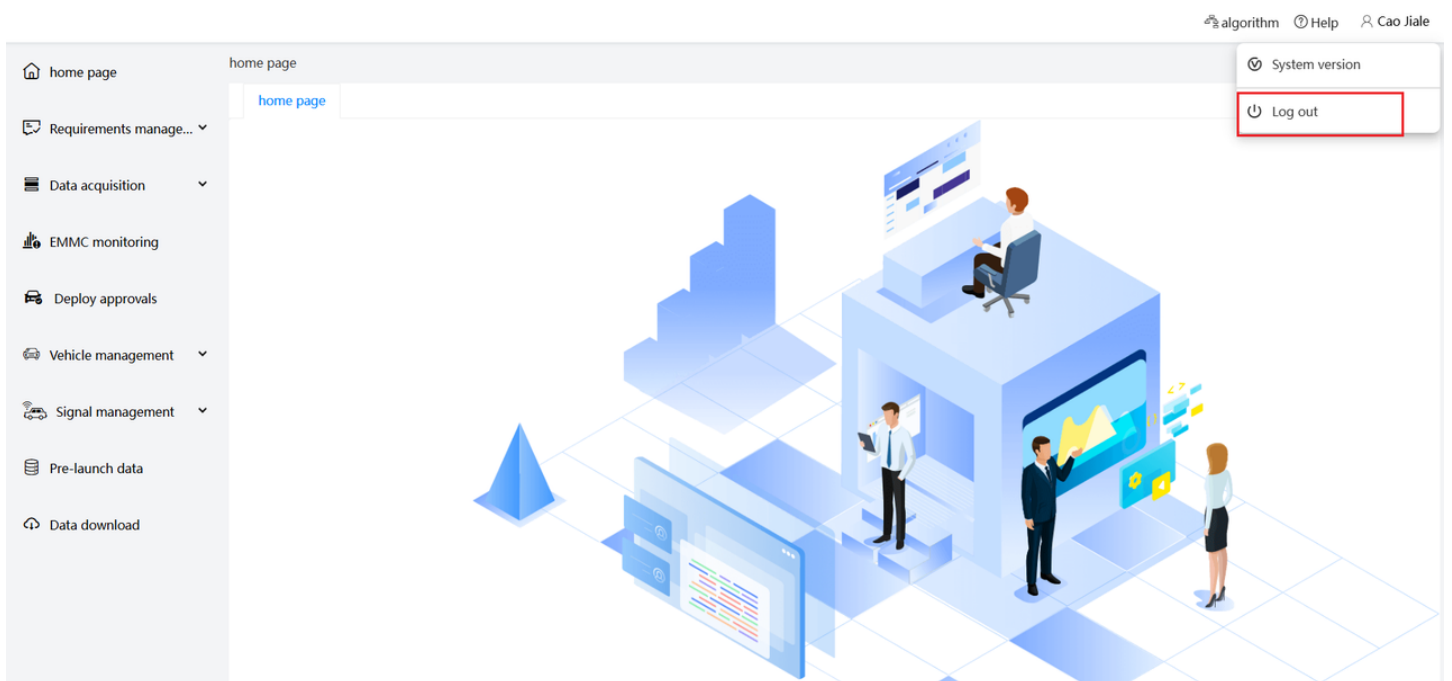
- Page Header:
  - Product Logo: Only displays the current logo of the product.
  - Algorithm Platform Button: Clicking it allows users to enter the algorithm platform interface to build acquisition algorithms.
  - User Information: Displays user information and version information, and provides a logout 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.

home page

Requirements mana...

Data acquisition

Event Collection

Cycle Acquisition

Historical query

Historical calculations

Log collection

DoIP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Event Collection

home page Requirements approval Requirements management Event Collection 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	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
41421574cedcedcwcwced...	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

home page

Requirements mana...

Data acquisition

Event Collection

Cycle Acquisition

Historical query

Historical calculations

Log collection

DoIP Collection

EMMC monitoring

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Vehicle management

Signal management

Event Collection

home page Requirements approval Requirements management Event Collection 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	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
41421574cedcedcwcwced...	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	IEV	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 3 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

The screenshot shows the 'Event Collection' interface. On the left is a sidebar with navigation options: home page, Requirements management, Data acquisition, Event Collection (selected), Cycle Acquisition, Historical query, Historical calculations, Log collection, DoIP Collection, EMMC monitoring, Deploy approvals, Vehicle management, and Signal management. The main area displays a table of tasks with columns: Task name, Collection type, Deployment status, Run the process, Models, Algorithm name, Algorithm version, and operate. A red box highlights the top navigation bar and the search filters (Task name, Creator, Create a L..., Start time, End time, Inquire, +newly built). The table lists tasks like 'rjy-test-11', 'event\_20251202\_1', 'DE06\_power loss early wa...', etc. At the bottom, it shows 'A total of 33 articles' and pagination controls.

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	EV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	EV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cedcedcwcdwed...	Vehicle collection	Not submitted	0/1	EV	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	EV	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	EV	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	0/23	EV	Event algorithm - left bac...	v1.0.0	revise copy ...

### 3.4 Breadcrumb Path

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

The screenshot shows the 'Event Collection / Event collection details' interface. The breadcrumb path 'Event Collection / Event collection details' is highlighted with a red box. The main area is divided into three panels: 'Vehicles are selected' (23), 'Output signal' (26), and 'Task configuration'. The 'Vehicles are selected' panel shows a list of Vehicle VINs. The 'Output signal' panel shows a list of Signal names. The 'Task configuration' panel shows details for the task 'DE06\_power loss early warning algorithm', including its description, version, and requirements binding.

Vehicle VIN
XSFO00001
2SF000008
4SF000009
4SF000012
1SF000016
8SF000014
2SB000002
0SB000001
1SF000002
3SF000017
3SF000003
3SF000020

Signal name
SC_CANFD. PEP52. SysPowerMod
HC_CANFD. LBIM4. LBMSOC
HC_CANFD. LBIM9.LBMSmtDCChrgn
BD2_CAN. HCM_L1. LTumLmpSts
BD2_CAN. HCM_R1. RTumLmpSts
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

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.

algorithmHelpCao Jiale

home page

Requirements management

home pageRequirements management xAll 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 eSubmit for approval
1111	2025-10-14 17:33:34	Cao Jiale	Test Section		revis eSubmit for approval
ccce	2025-09-29 15:30:31	Cao Jiale	Test Section		revis eSubmit for approval
ccc	2025-09-23 15:47:44	Cao Jiale	Test Section		revis eSubmit for approval
ww	2025-09-23 15:39:40	Cao Jiale	Test Section		revis eSubmit for approval

There are 5 articles in total<1>

Requirements manage... ^

Requirements manage...

Requirements approval

Data acquisition v

EMMC monitoring

Deploy approvals

Vehicle management v

Signal management v

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 pageRequirements management xAll 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 eSubmit for approval
1111	2025-10-14 17:33:34	Cao Jiale	Test Section		revis eSubmit for approval
ccce	2025-09-29 15:30:31	Cao Jiale	Test Section		revis eSubmit for approval
ccc	2025-09-23 15:47:44	Cao Jiale	Test Section		revis eSubmit for approval
ww	2025-09-23 15:39:40	Cao Jiale	Test Section		revis eSubmit for approval

There are 5 articles in total<1>

Requirements manage... ^

Requirements manage...

Requirements approval

Data acquisition v

EMMC monitoring

Deploy approvals

Vehicle management v

Signal management v

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.

algorithm Help Cao Jiale

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.

algorithmHelpCao Jiale

home page

Requirements management

home pageRequirements management xCreate requirements management xAll closed

Requirements manage...Requirements approval

Data acquisitionEMMC monitoringDeploy approvalsVehicle managementSignal managementPre-launch dataData download

Business requirement ...Inquire+newly built

Business needs	department	Department	Approval status	Approval time	operate
Air conditioning monitoring	Test Section		passed	2025-10-22 15:34:23	revisesubmit for approval
1111	Test Section		passed	2025-10-14 17:33:47	revisesubmit for approval
ccce	Test Section		passed	2025-10-14 13:29:01	revisesubmit for approval
ccc	Test Section		Dismissed	2025-09-23 15:55:16	revisesubmit for approval
ww	Test Section		passed	2025-09-23 15:46:25	revisesubmit for approval

There are 5 articles in total1

- 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.

algorithm Help Cao Jiale

home page Event Collection x 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	0/145	HEV China	wzj-test	v1.0.2	revise copy ...
event_20251202_1	Vehicle collection	deployed	1/1	HEV China	Diagnostic monitoring_lo...	v1.0.0	revise copy ...
DE06_power loss early wa...	Model collection	deployed	7/23	-1PHEV	Power loss warning_0909	v1.0.1	revise copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	-1PHEV	Power loss warning_0909	v1.0.1	revise copy ...
41421574cedcedcwcwced...	Vehicle collection	Not submitted	0/1	-1PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event-20251125-v1	Vehicle collection	deployed	1/1	HEV China	Event algorithm - left bac...	v1.0.0	revise copy ...
de2s	Vehicle collection	Not submitted	0/1	-1PHEV	wzj-test	v1.0.2	revise copy ...
zkf_event - Performance 1	Vehicle collection	deployed	1/1	HEV China	Event algorithm tj-d	v1.1.19	revise copy ...
test01_copy	Vehicle collection	Not submitted	0/1	8PHEV	Event algorithm - left bac...	v1.0.0	revise copy ...
test01	Vehicle collection	deployed	0/23	-1PHEV	Event algorithm - left bac...	v1.0.0	revise copy ...

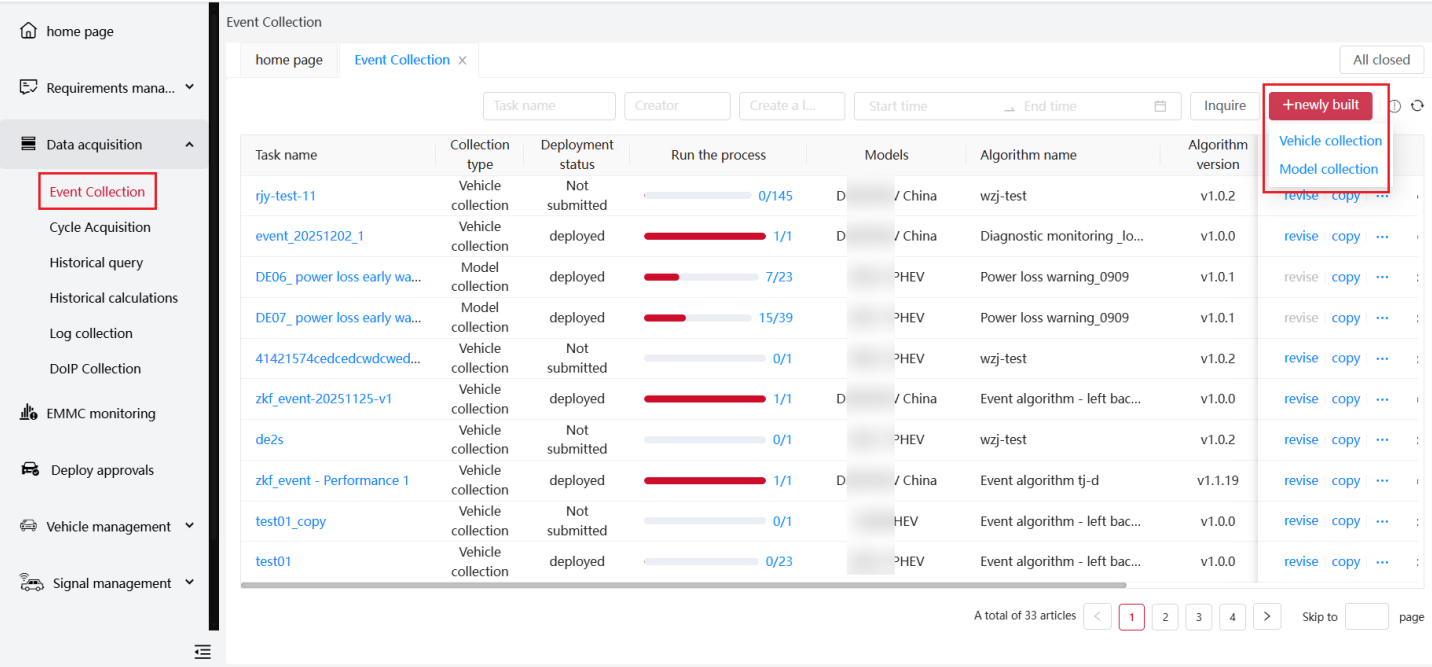
A total of 33 articles 1 2 3 4 Skip to page

## 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.

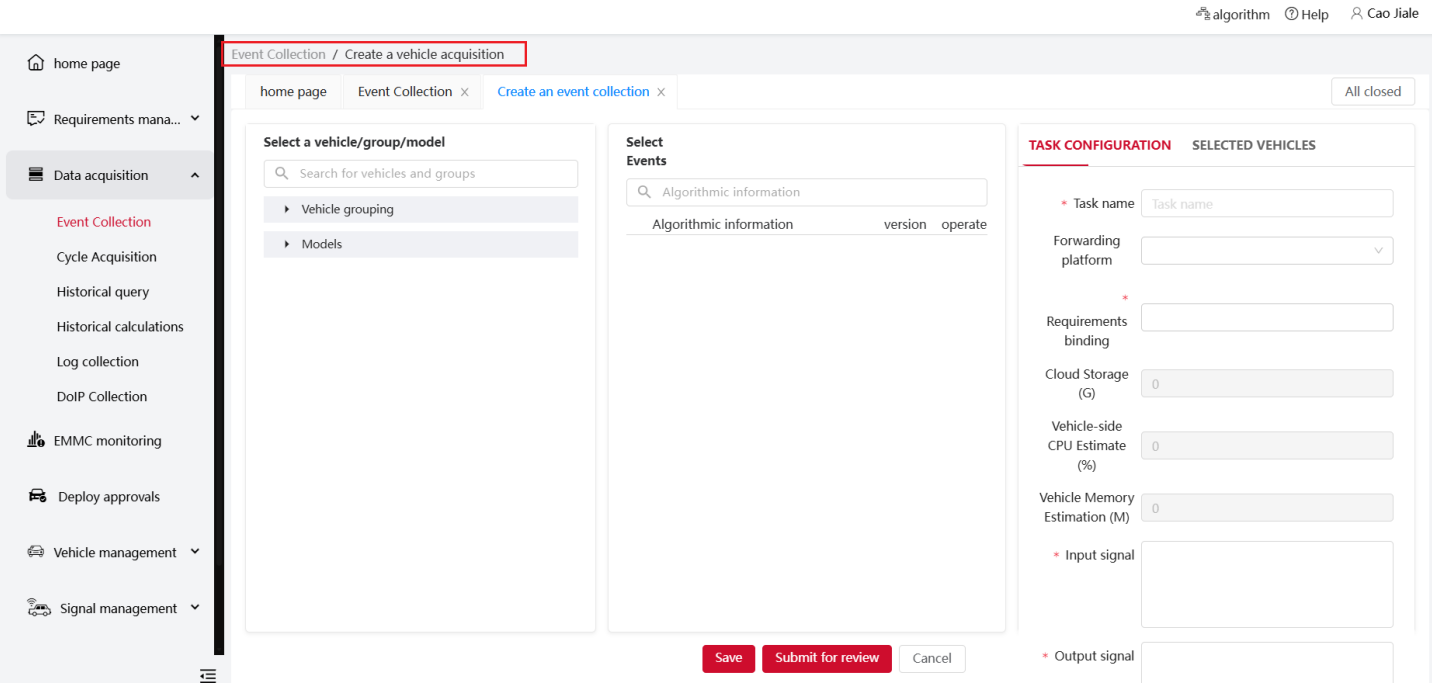
# 5.1 Create Collection

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



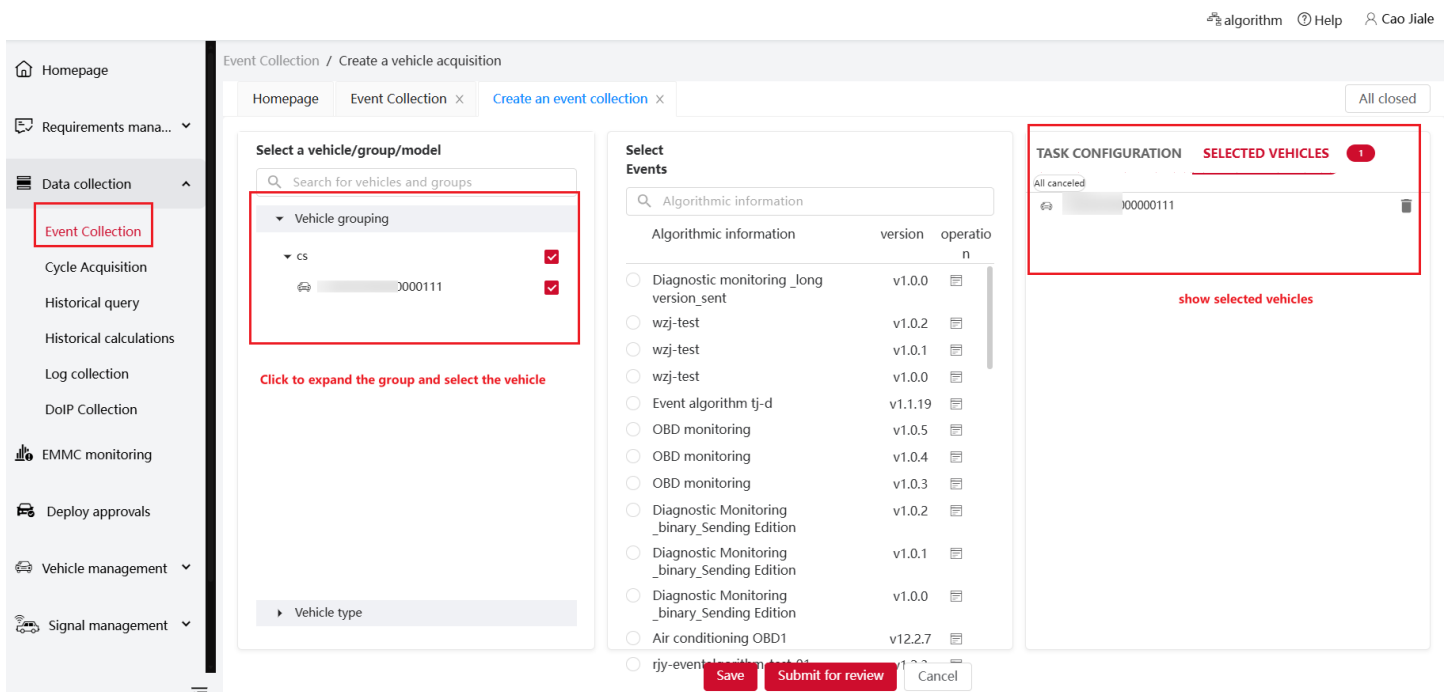
## 5.1.1 Create Vehicle Collection

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

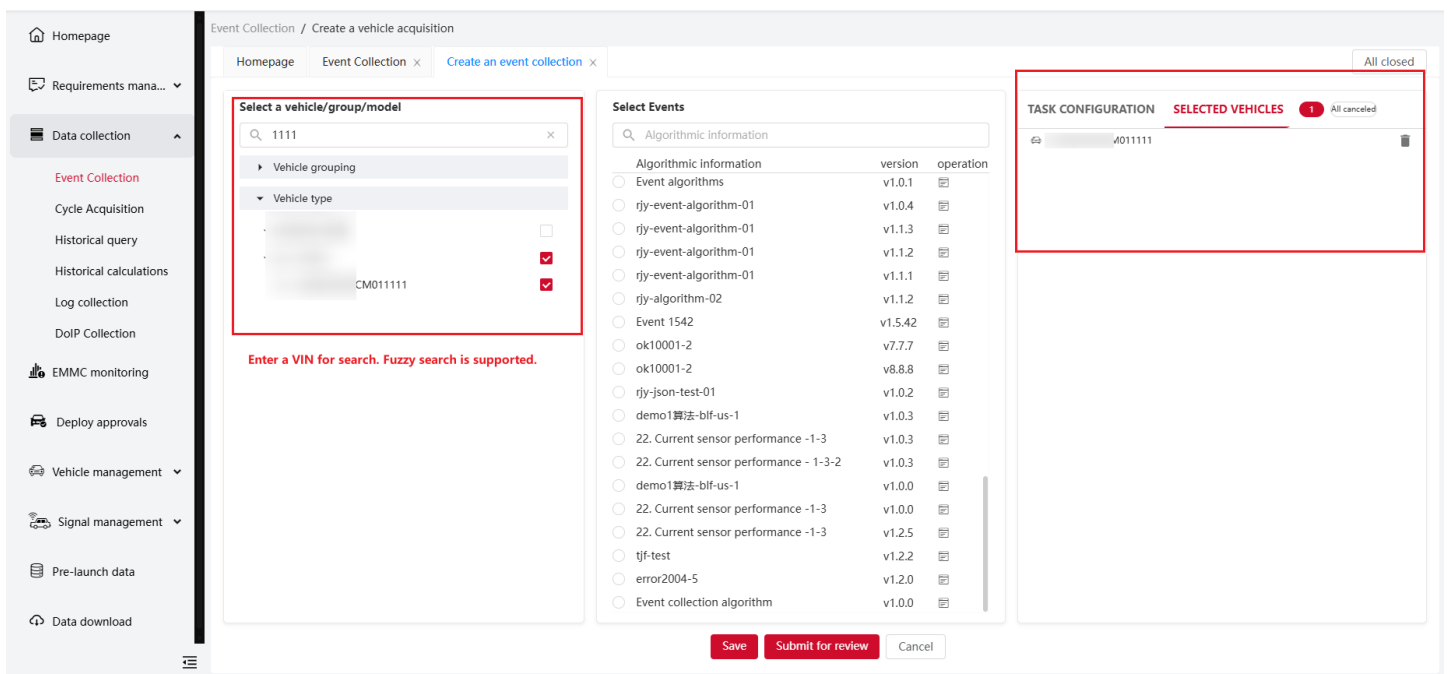


### 5.1.1.1 Configure Vehicle Selection

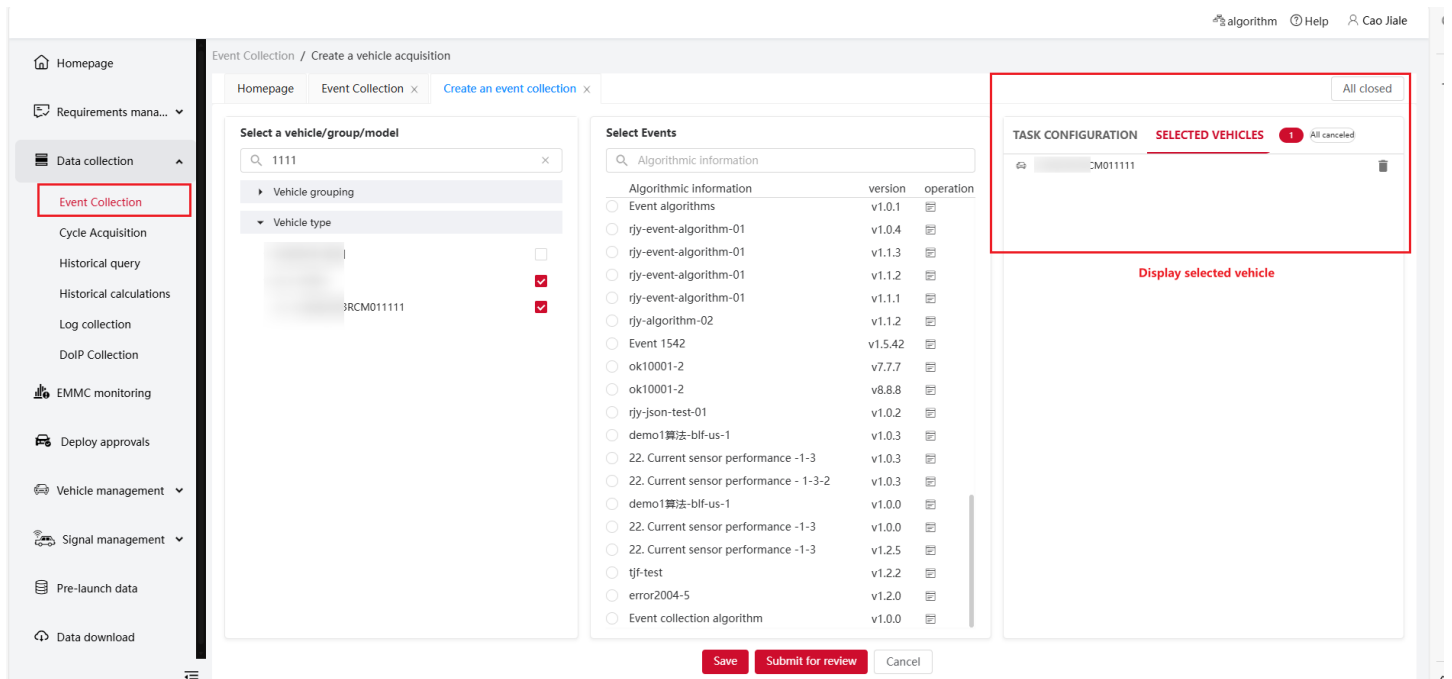
- Directly click the Group Name under the vehicle group to expand the vehicles in this group. Tick the Checkbox to select the vehicles for which data collection is to be created.



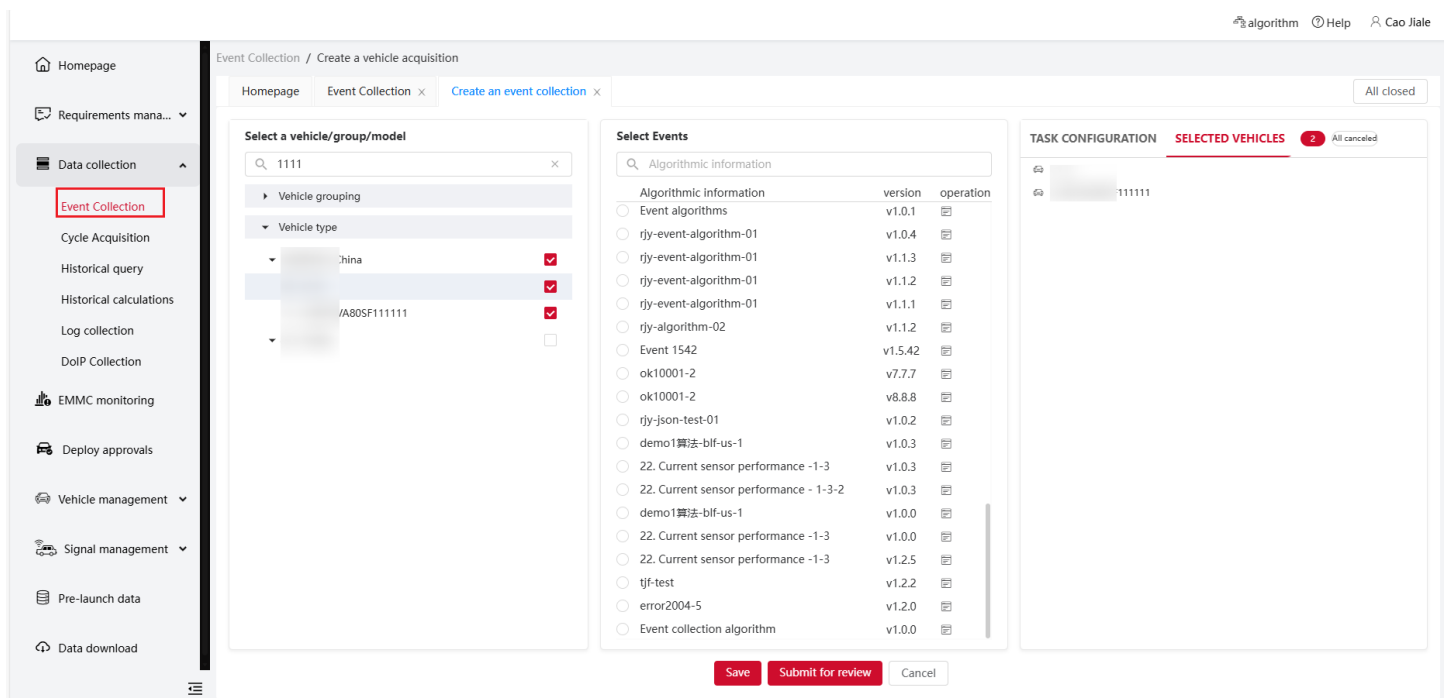
- Click the "Select Vehicles and Groups" search box, enter the VIN or group name, and the relevant vehicles/groups will be displayed in the list below. Fuzzy search is supported.



- 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.



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.

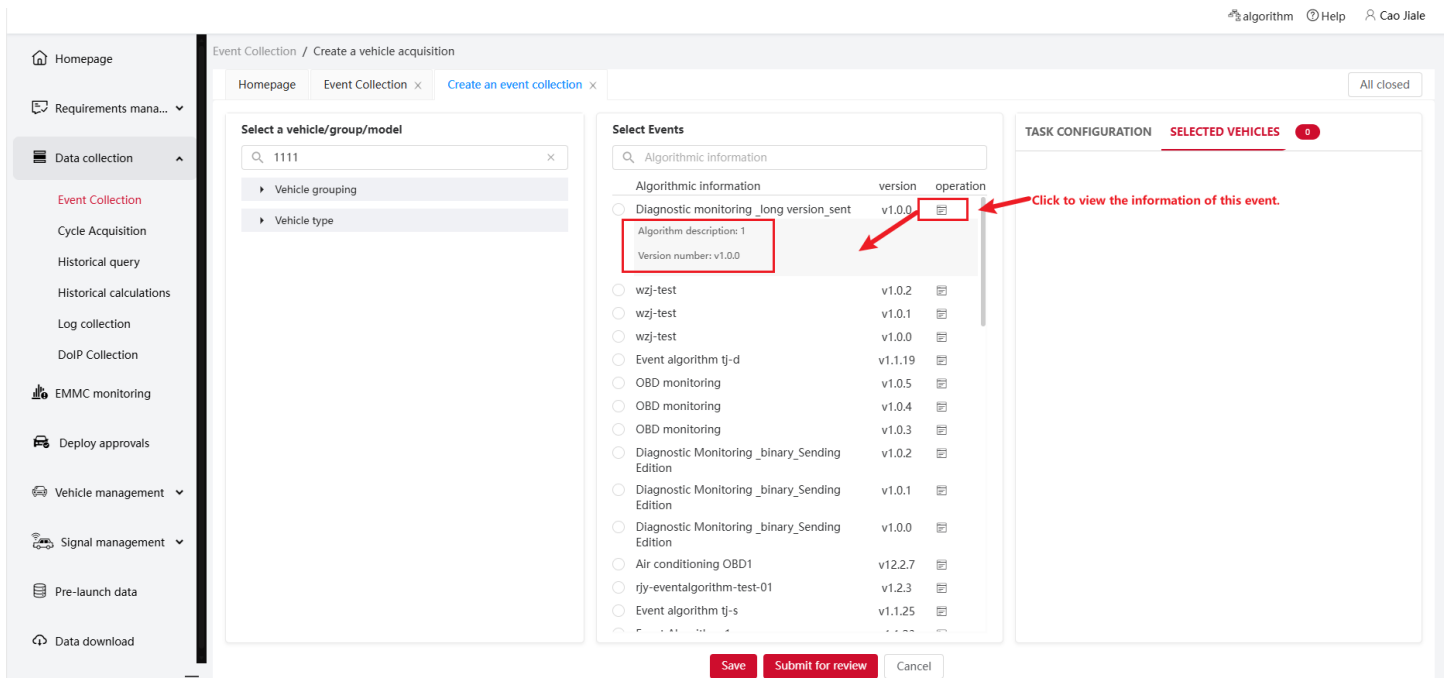
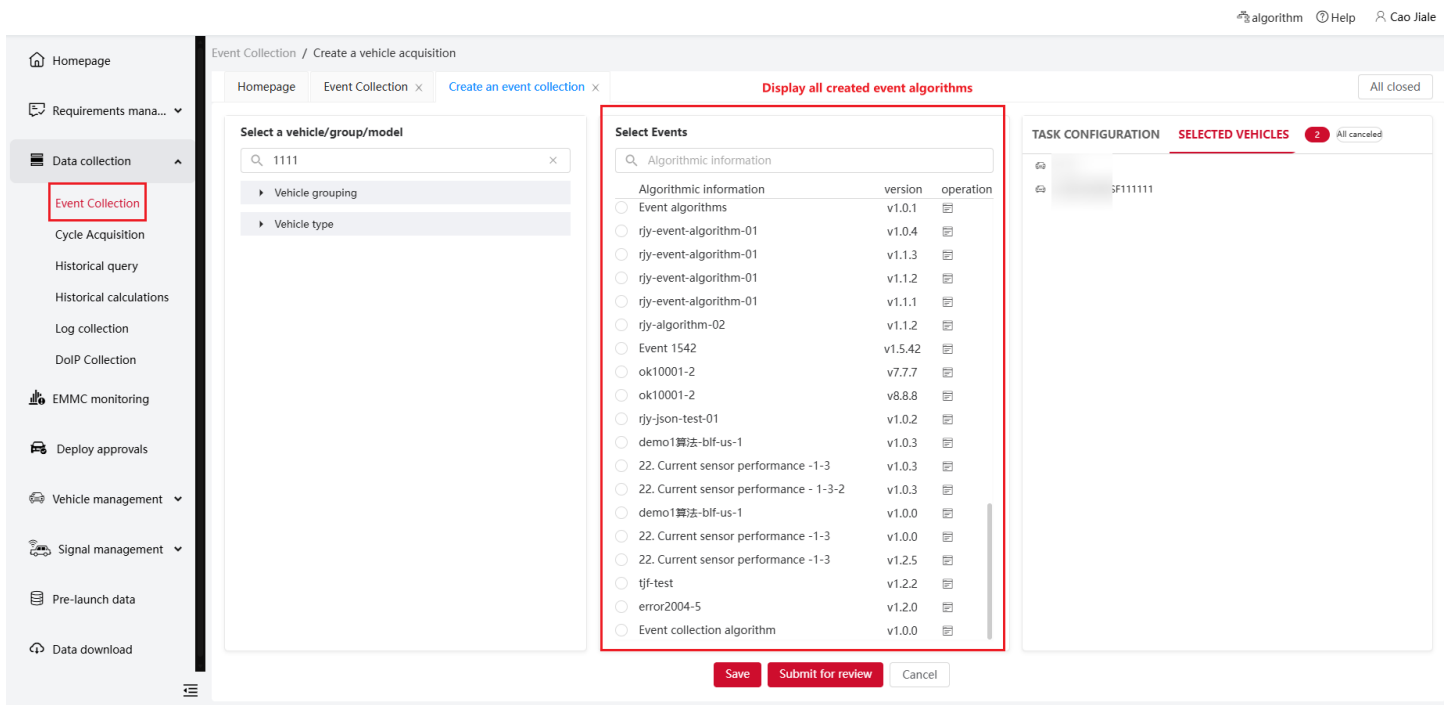


### 5.1.1.2 Configure Event Selection

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

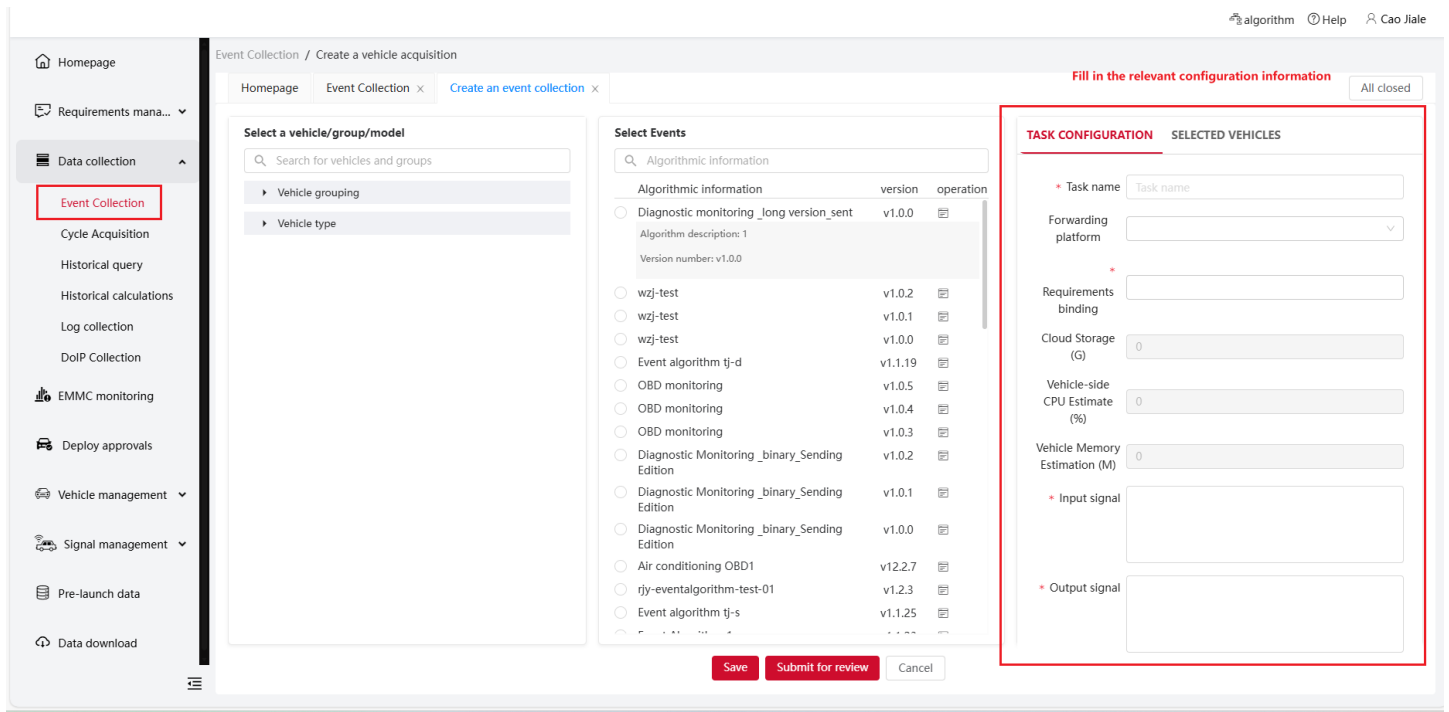
- Click the check box of an event algorithm to select a specific event; click the "View Description" icon next to the event algorithm to check the description and version number of the event algorithm.



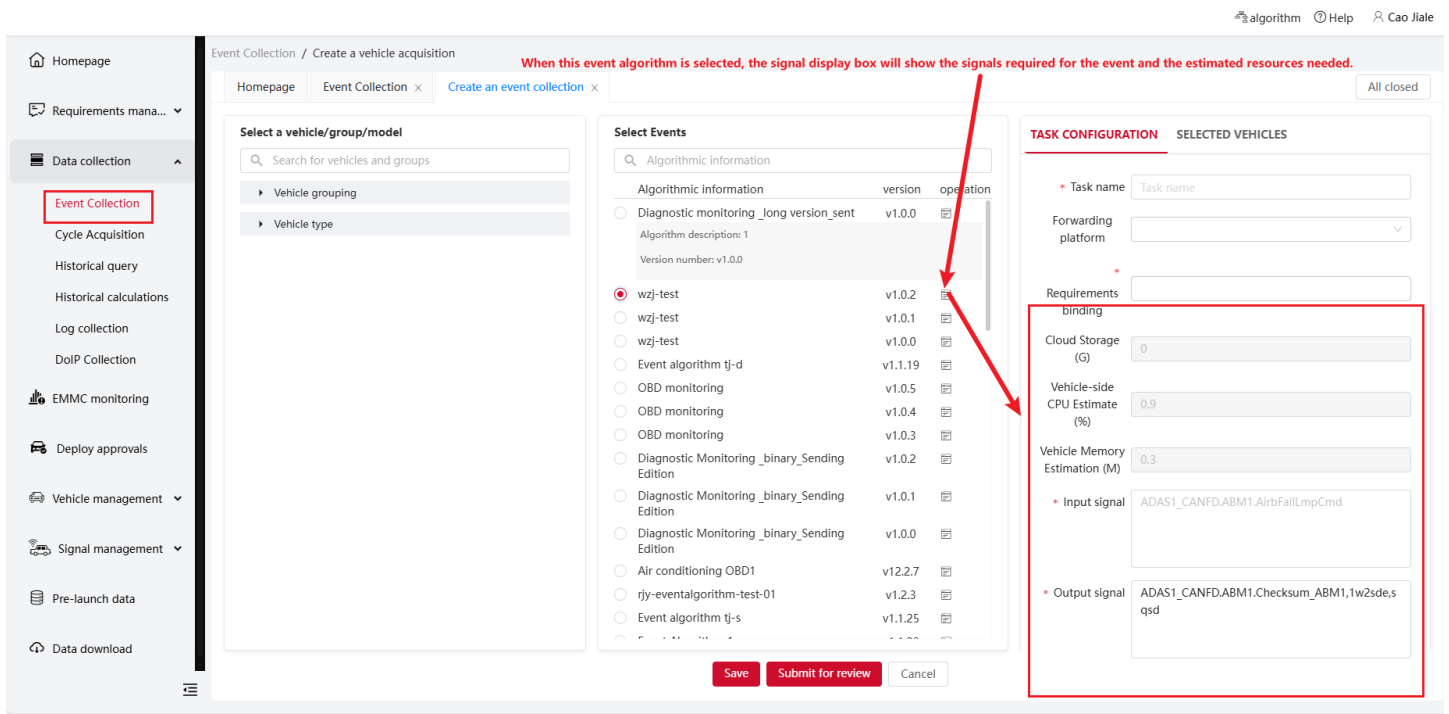


### 5.1.1.3 Task Configuration

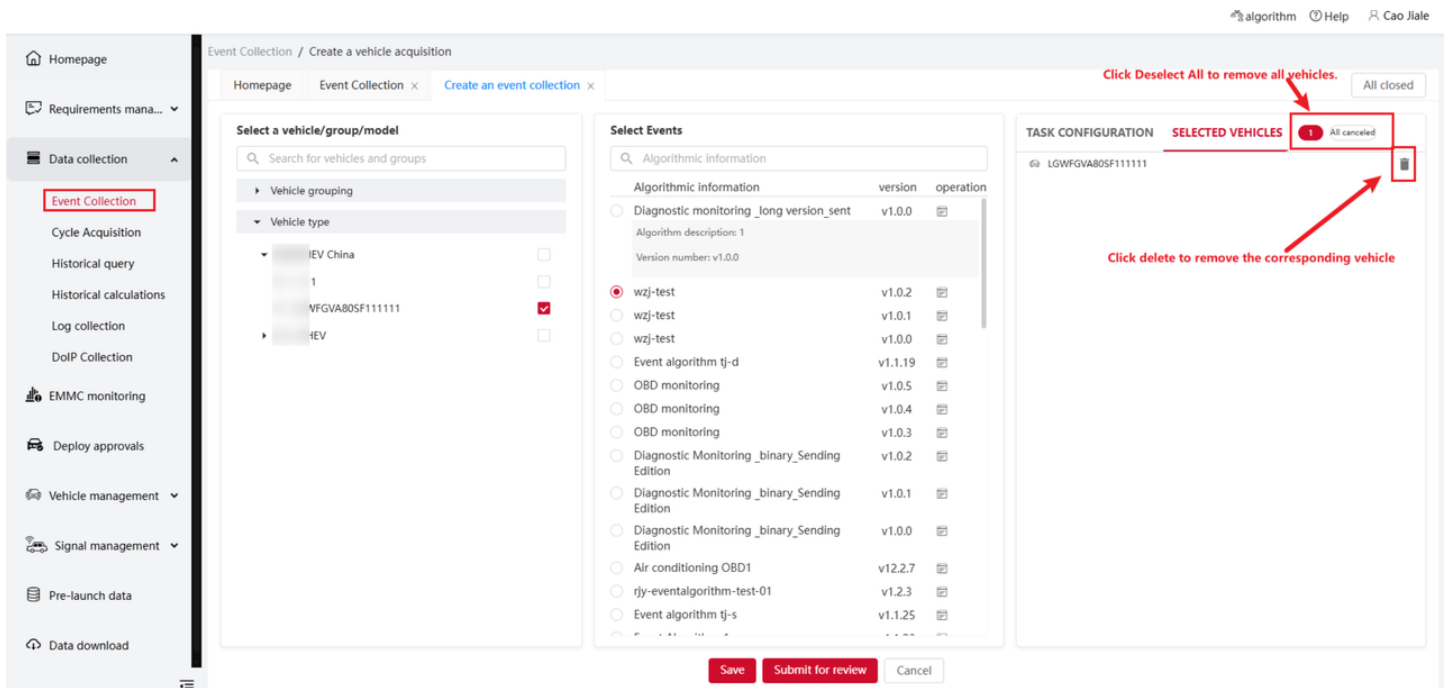
- Click the Name Input Box and enter a name. It supports Chinese characters, numbers, letters, commas and underscores. The name of a collection task must be unique.
- Click the Requirement Binding input box. Requirement binding is associated with vehicles. You need to select a vehicle first, obtain the 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.



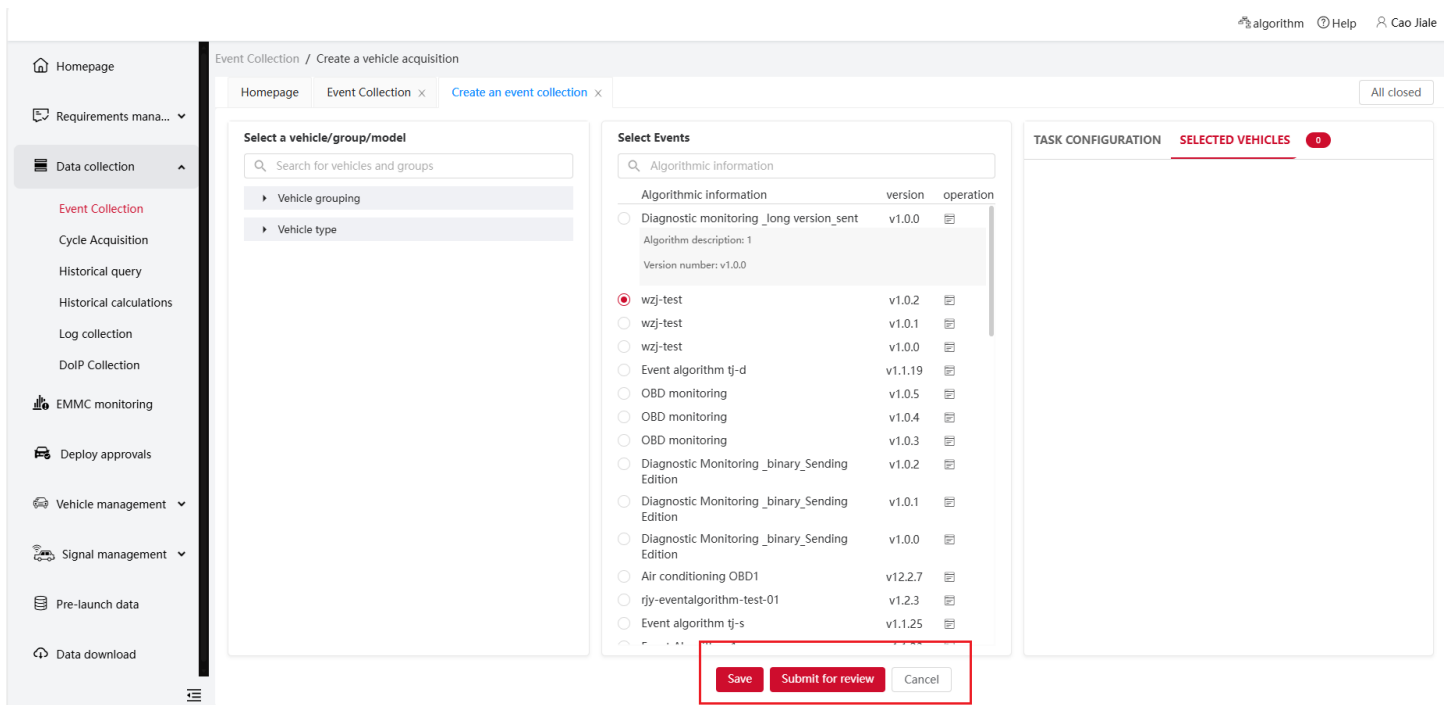
- After selecting vehicles and events, the storage space, on-vehicle CPU, and on-vehicle memory will be calculated and displayed.
- When an event algorithm is selected, the Signal display box will show the signals required to trigger the event algorithm and the resources estimated based on the event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

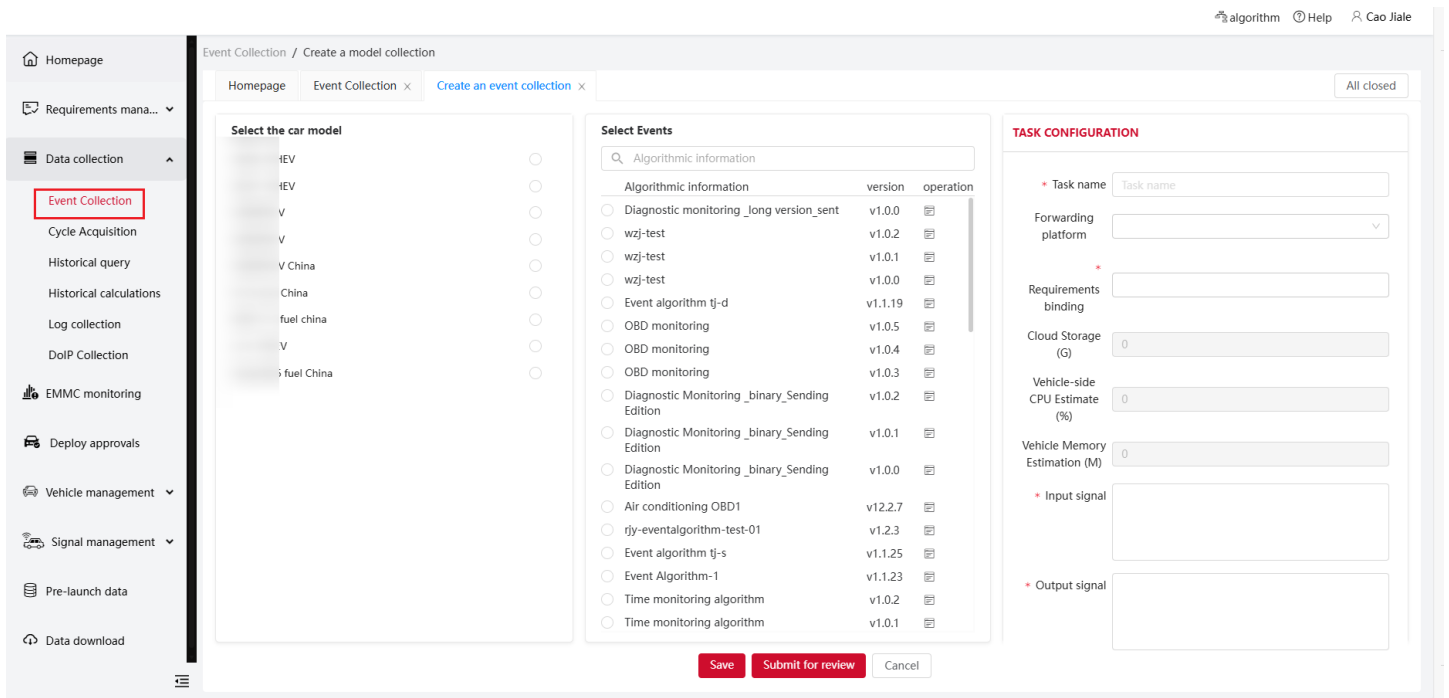


- After completing the configuration, click the Save button. The newly created task will appear in the periodic collection list, and you can check its deployment status.
- Click the Submit for Review button. The newly created task will appear in the periodic collection management list, where you can 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.



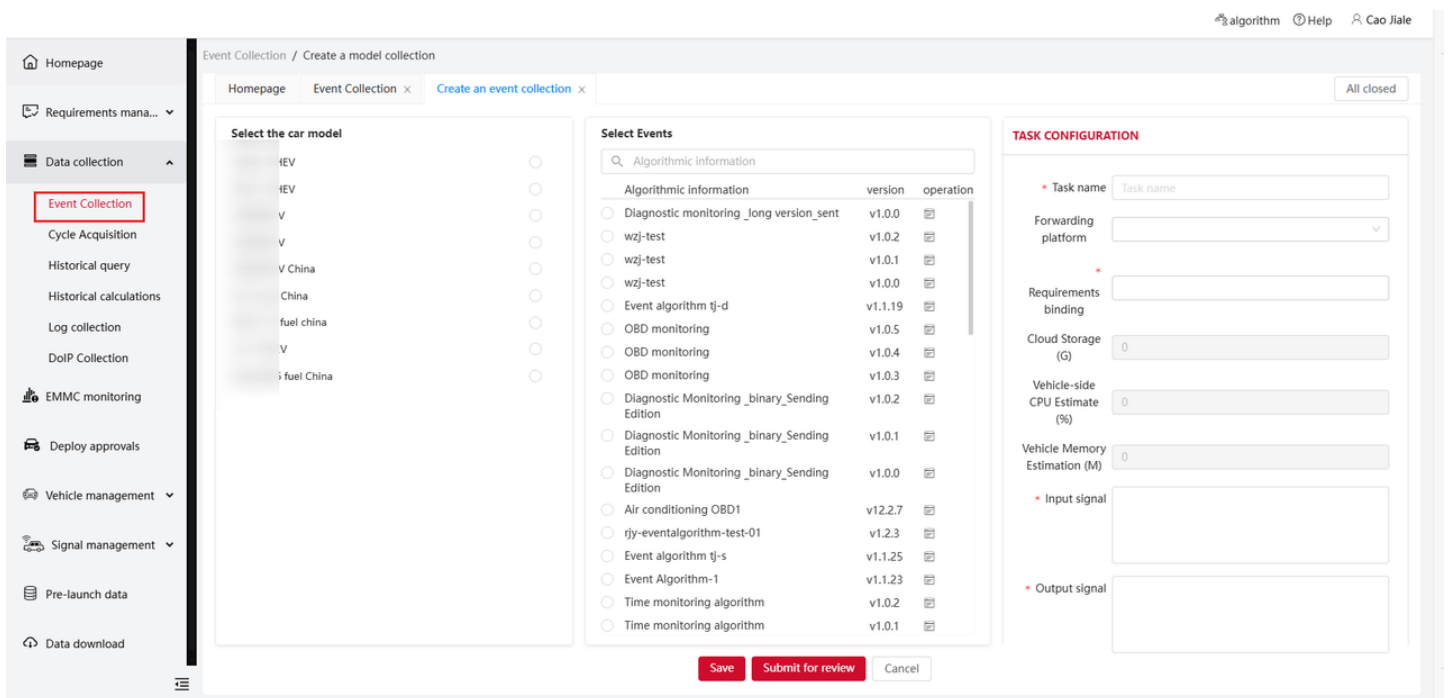
## 5.1.2 Create Vehicle Model Collection

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 x Create an event collection x Display all created event algorithms All closed

Select the car model

- HEV
- HEV
- V
- V
- V China
- China
- fuel china
- EV
- EV fuel China

Select Events

Algorithmic information

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

Save Submit for review Cancel

TASK CONFIGURATION

\* Task name Task name

Forwarding platform

\* Requirements binding

Cloud Storage (G) 0

Vehicle-side CPU Estimate (%) 0

Vehicle Memory Estimation (M) 0

\* Input signal

\* Output signal

Event Collection / Create a model collection

Homepage Event Collection x Create an event collection x All closed

Select the car model

- HEV
- HEV
- V
- V
- V China
- China
- fuel china
- EV
- EV fuel China

Select Events

Algorithmic information

Algorithmic information	version	operation
<input type="radio"/> Diagnostic monitoring_long version_sent	v1.0.0	
<input type="radio"/> wzj-test	v1.0.2	
<input type="radio"/> wzj-test	v1.0.1	
<input type="radio"/> wzj-test	v1.0.0	
<input type="radio"/> Event algorithm tj-d	v1.1.19	
<input type="radio"/> OBD monitoring	v1.0.5	
<input type="radio"/> OBD monitoring	v1.0.4	
<input type="radio"/> OBD monitoring	v1.0.3	
<input type="radio"/> Diagnostic Monitoring_binary_Sending Edition	v1.0.2	
<input type="radio"/> Diagnostic Monitoring_binary_Sending Edition	v1.0.1	
<input type="radio"/> Diagnostic Monitoring_binary_Sending Edition	v1.0.0	
<input type="radio"/> Air conditioning OBD1	v12.2.7	
<input type="radio"/> rjy-eventalgorithm-test-01	v1.2.3	
<input type="radio"/> Event algorithm tj-s	v1.1.25	

Click to view the relevant information of this event.

Algorithm description: 1  
Version number: v1.0.0

Save Submit for review Cancel

TASK CONFIGURATION

\* Task name Task name

Forwarding platform

\* Requirements binding

Cloud Storage (G) 0

Vehicle-side CPU Estimate (%) 0

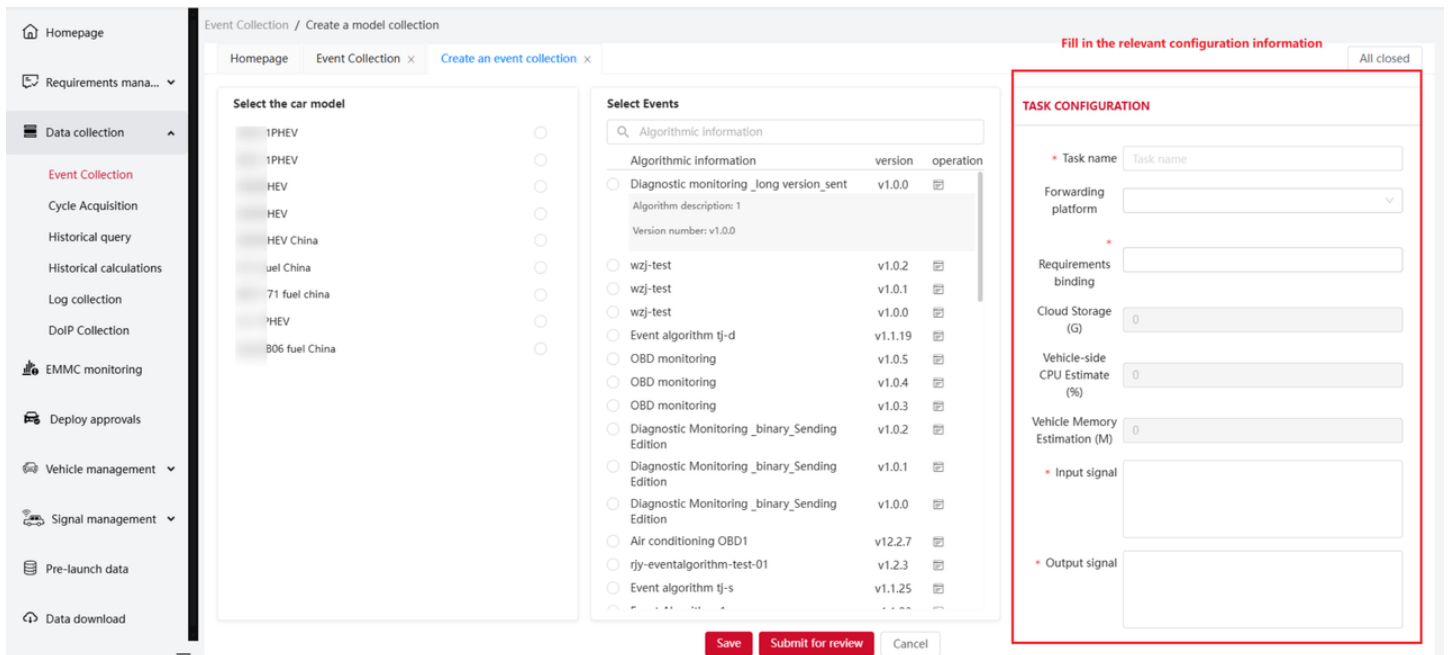
Vehicle Memory Estimation (M) 0

\* Input signal

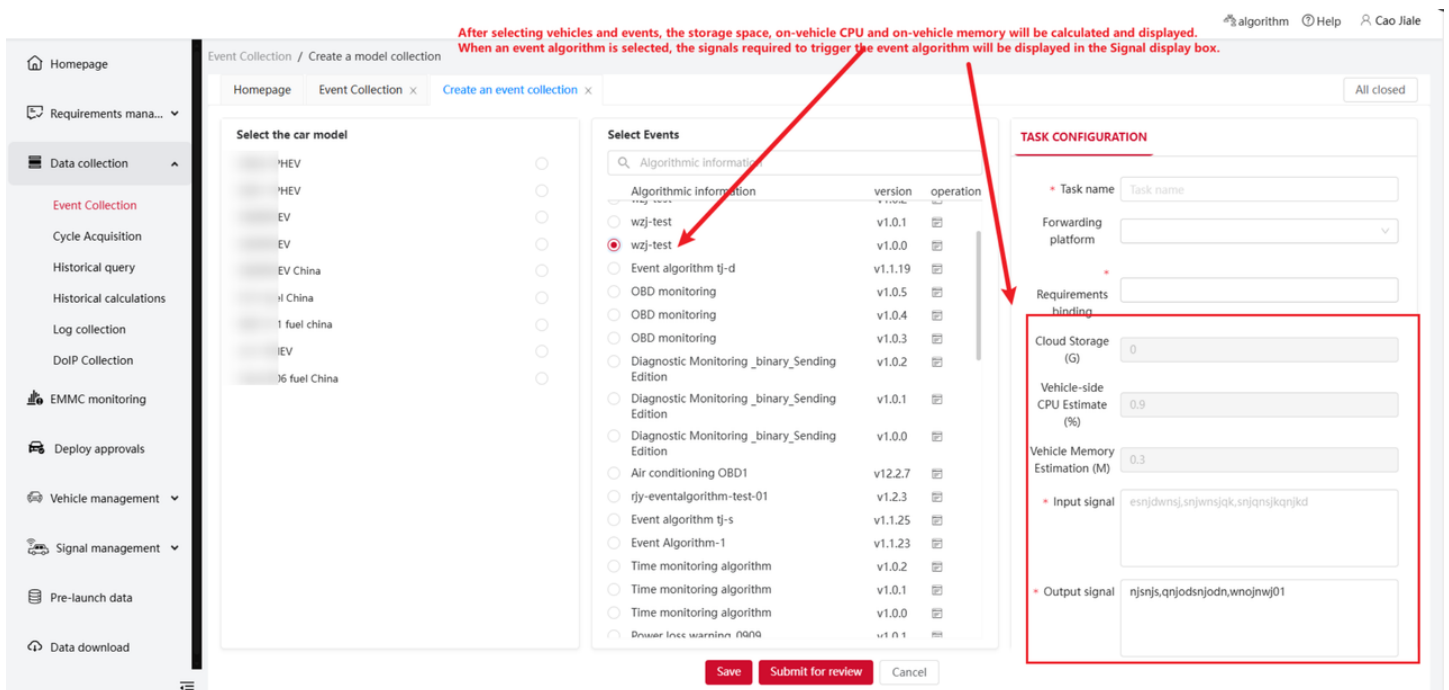
\* Output signal

### 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.

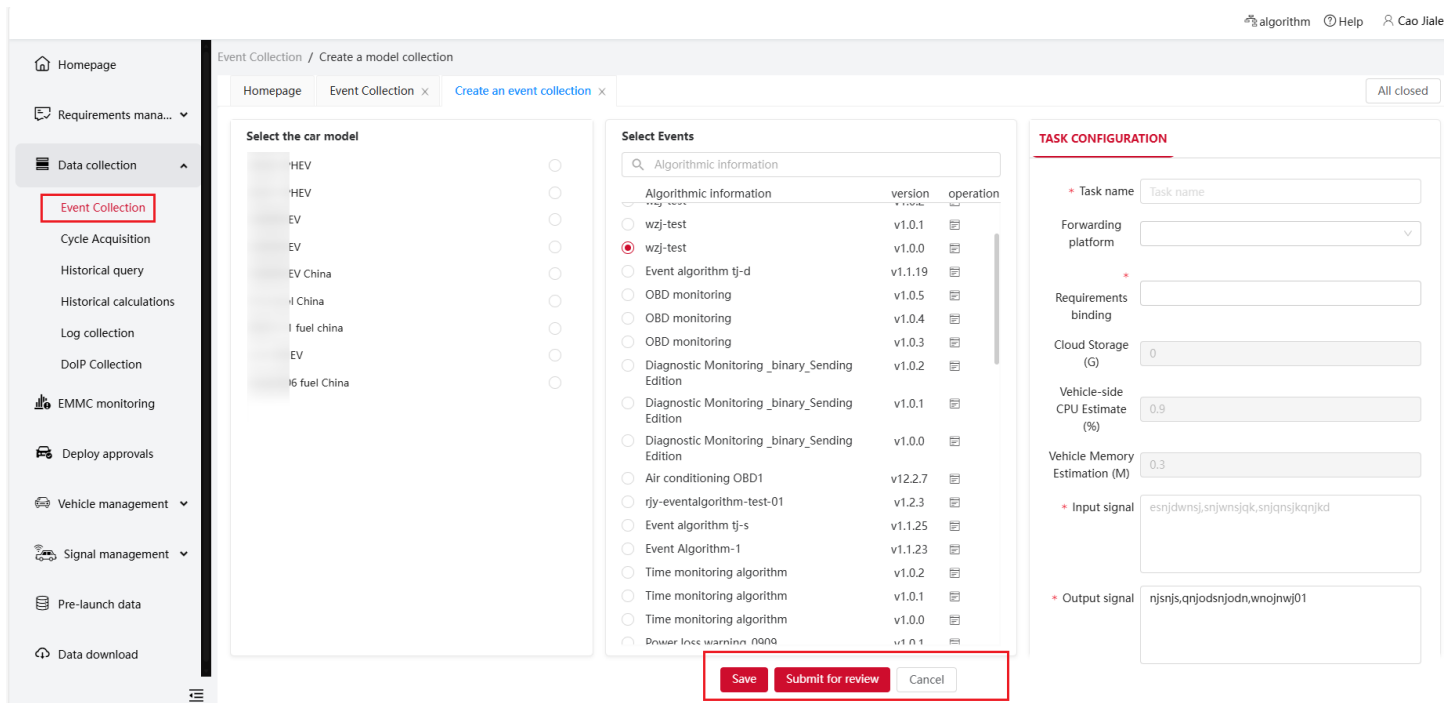


- After selecting vehicles and events, the storage space, on-vehicle CPU and on-vehicle memory will be calculated and displayed.
- When an event algorithm is selected, the signals required to trigger the event algorithm will be displayed in the **Signal** display box.



- 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.

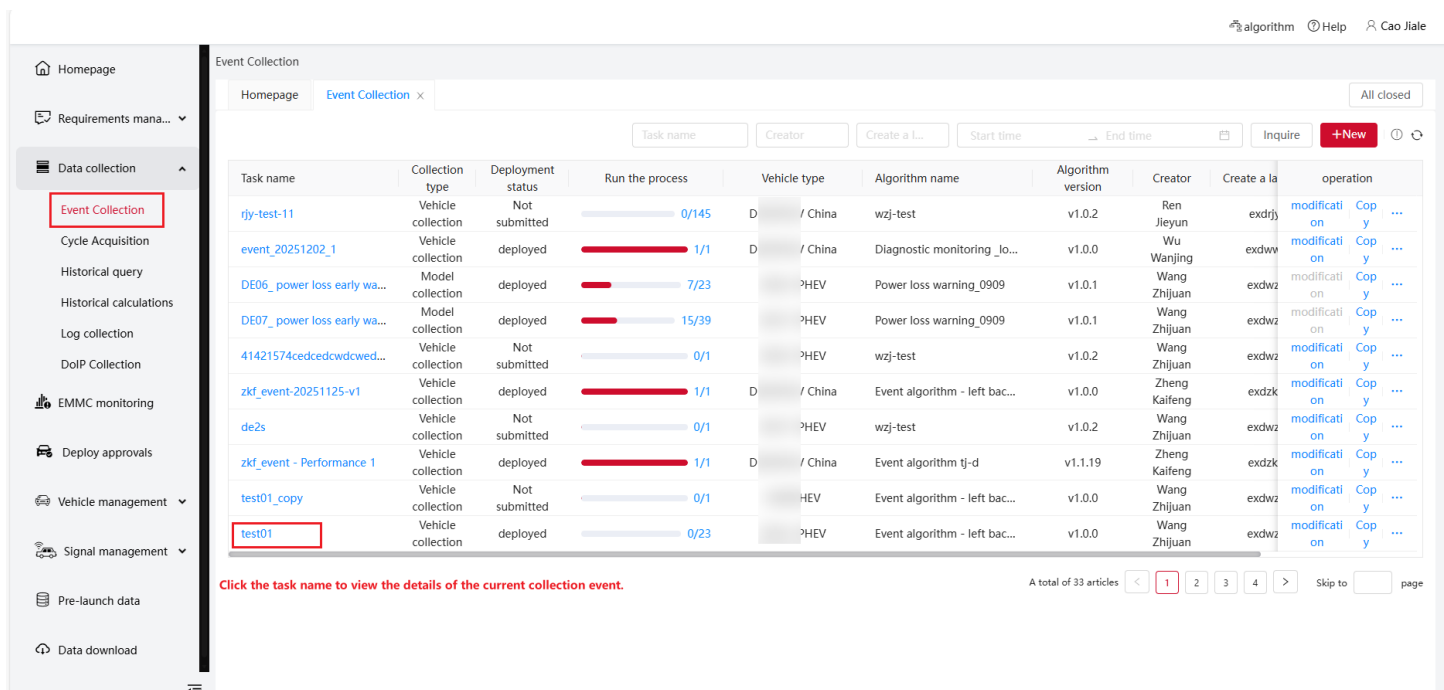


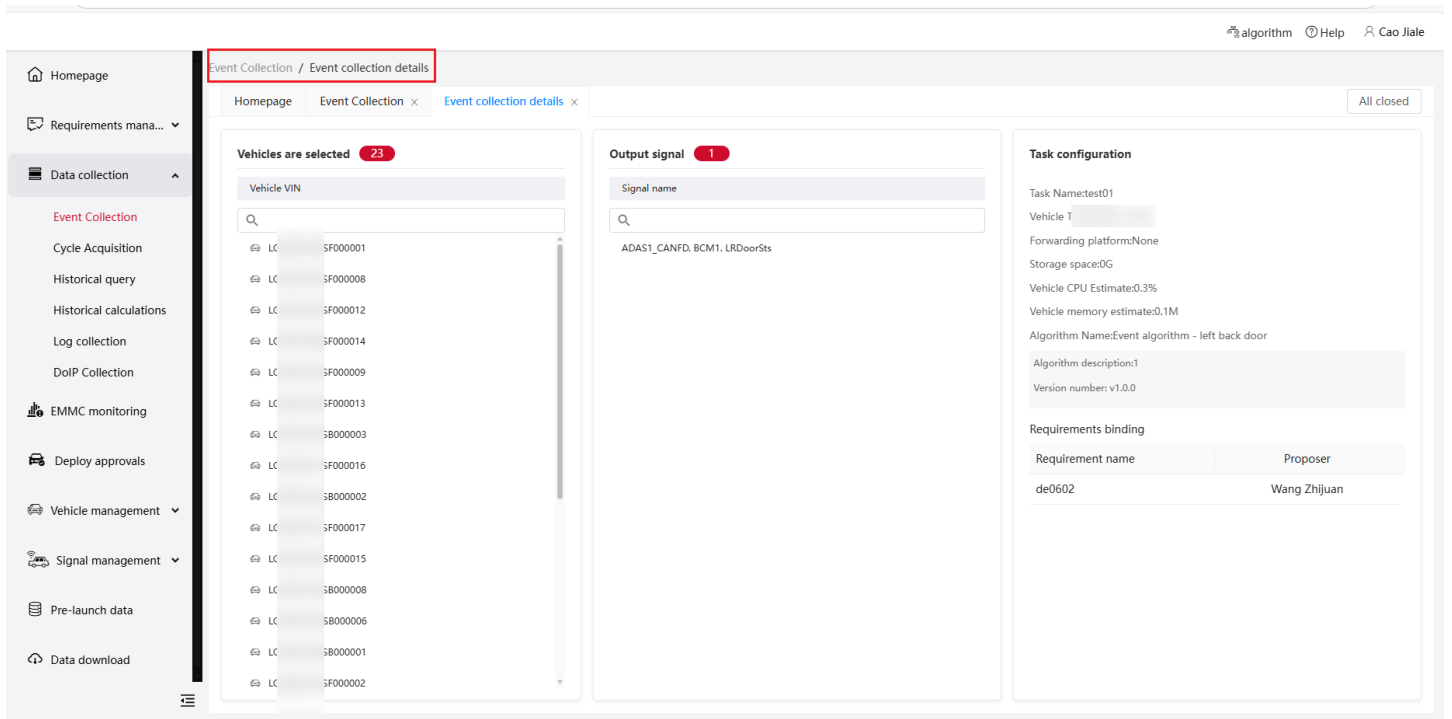


## 5.2. View Collection Task Details

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

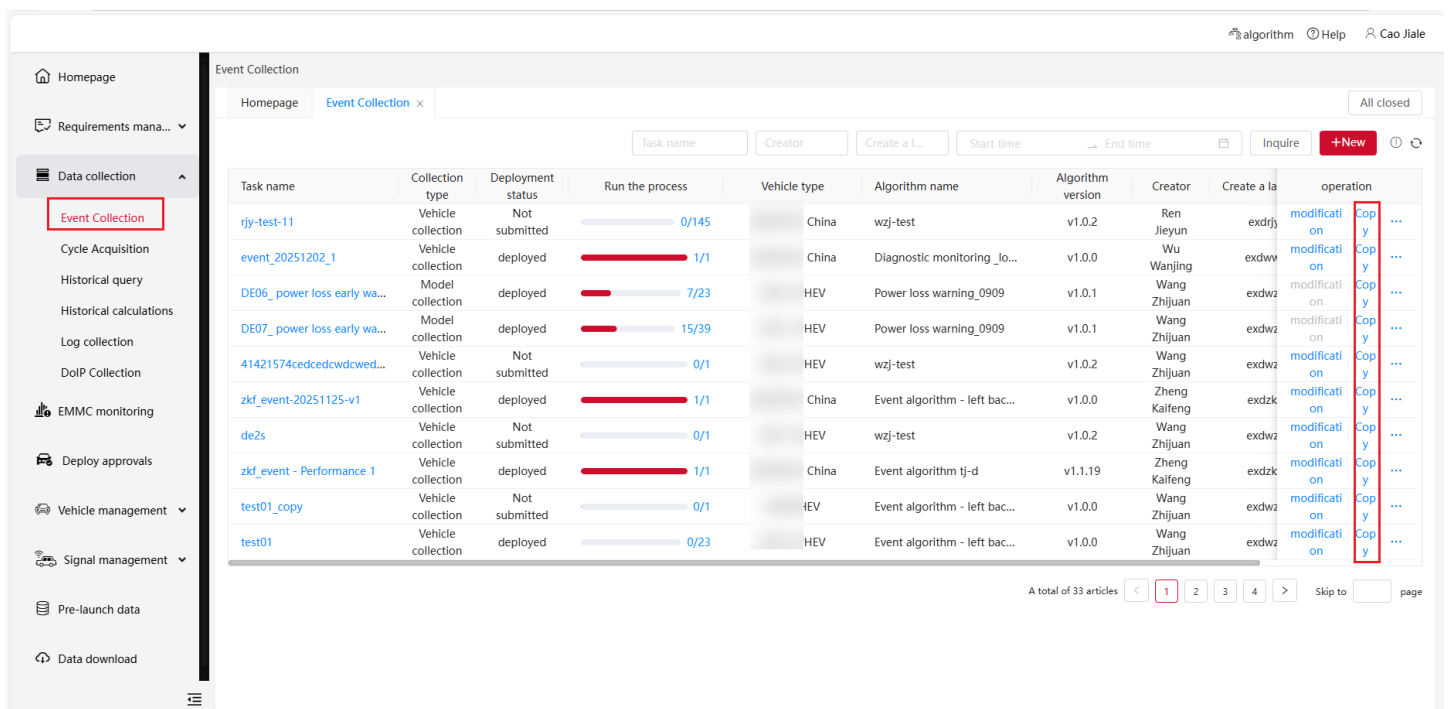
- Display the selected vehicles, signals and task configurations.
- The task configuration displays the task name of event collection, as well as the name, description and algorithm version number of the event algorithm.

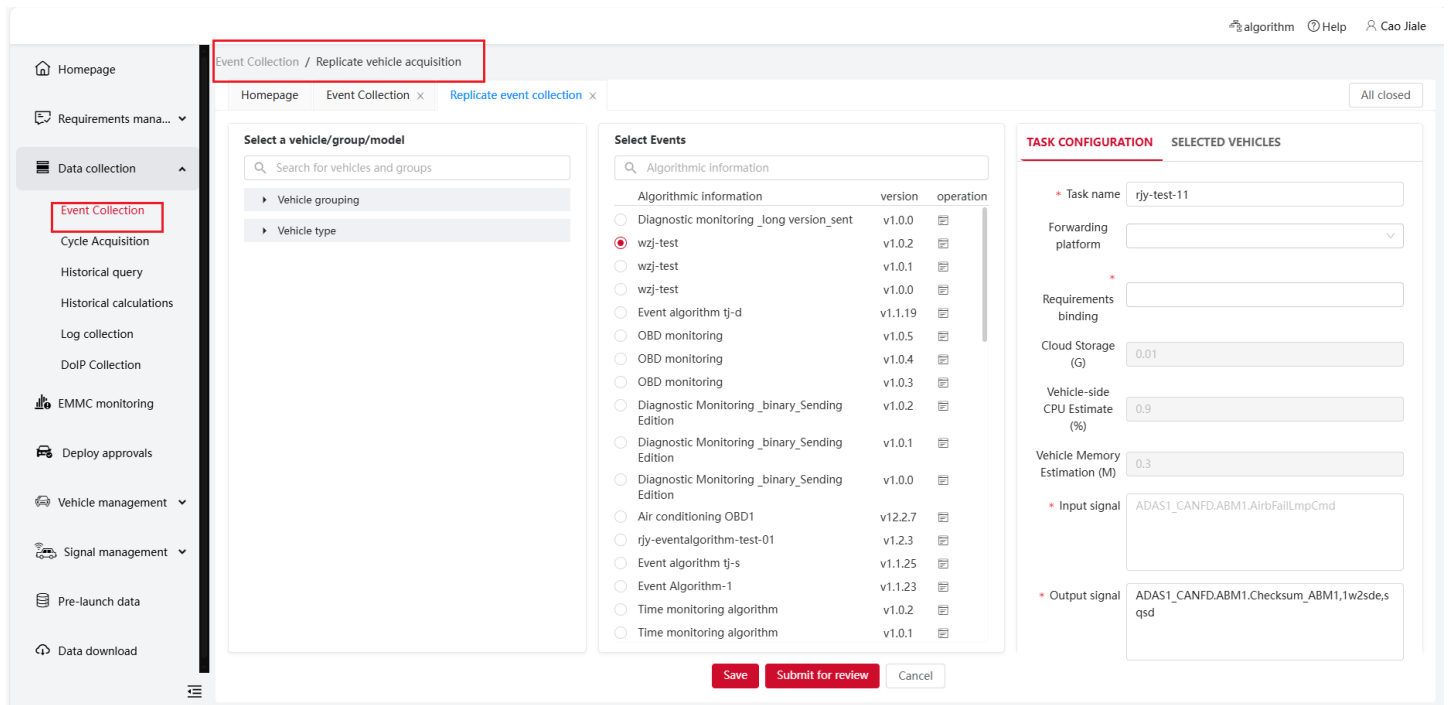




## 5.3. Collection Copy

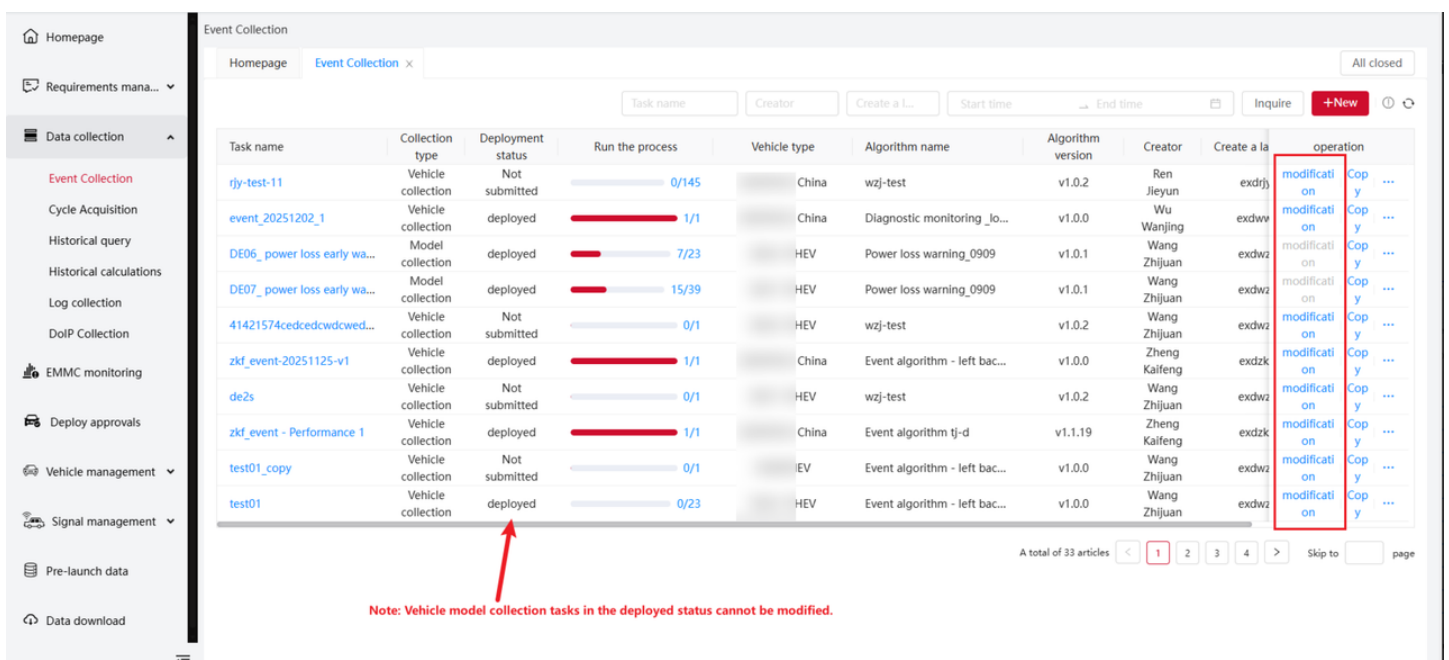
- Select a collection task and click Copy to enter the collection copy page.
- The vehicle model can be modified.
- The event algorithm can be modified.
- The task configuration can be modified.
- The task name must be modified to avoid duplication.
- Enter a new name and click Confirm. The newly copied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

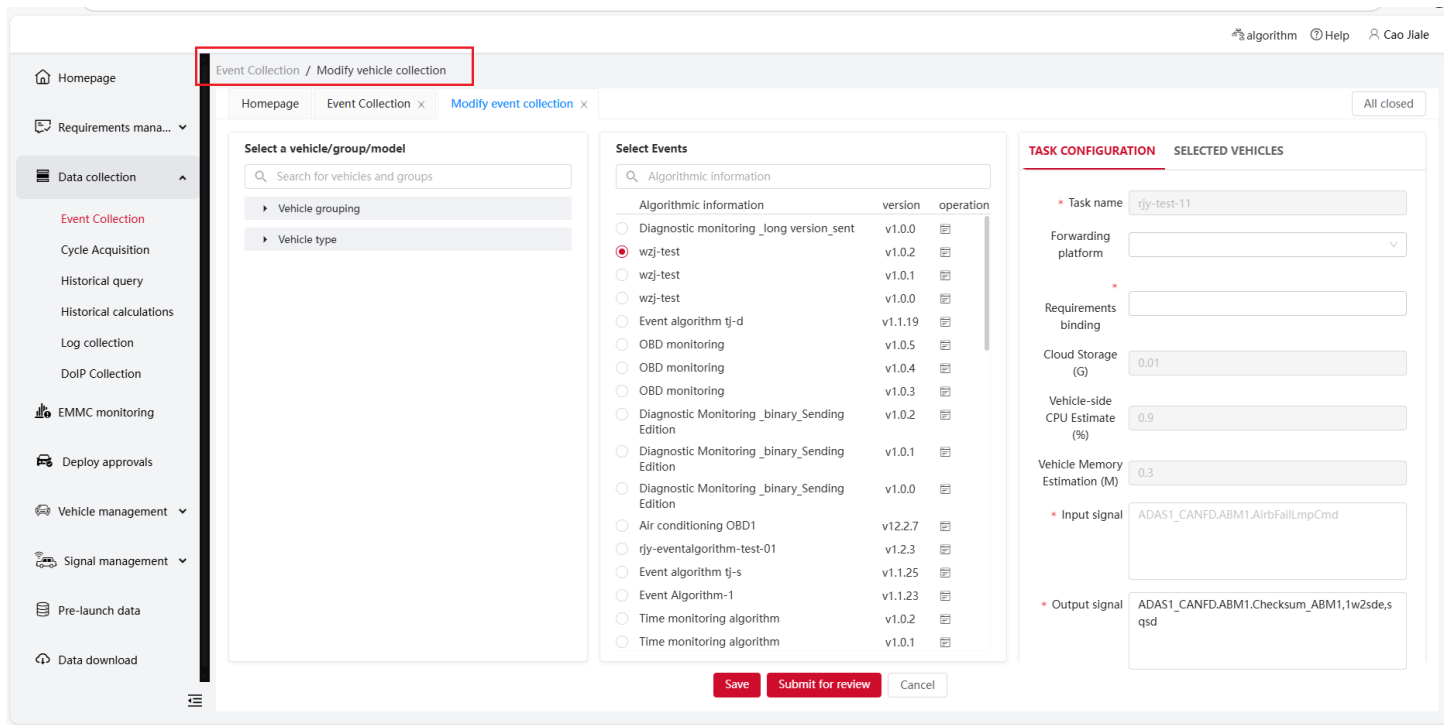




## 5.4. Collection Modification

- 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.

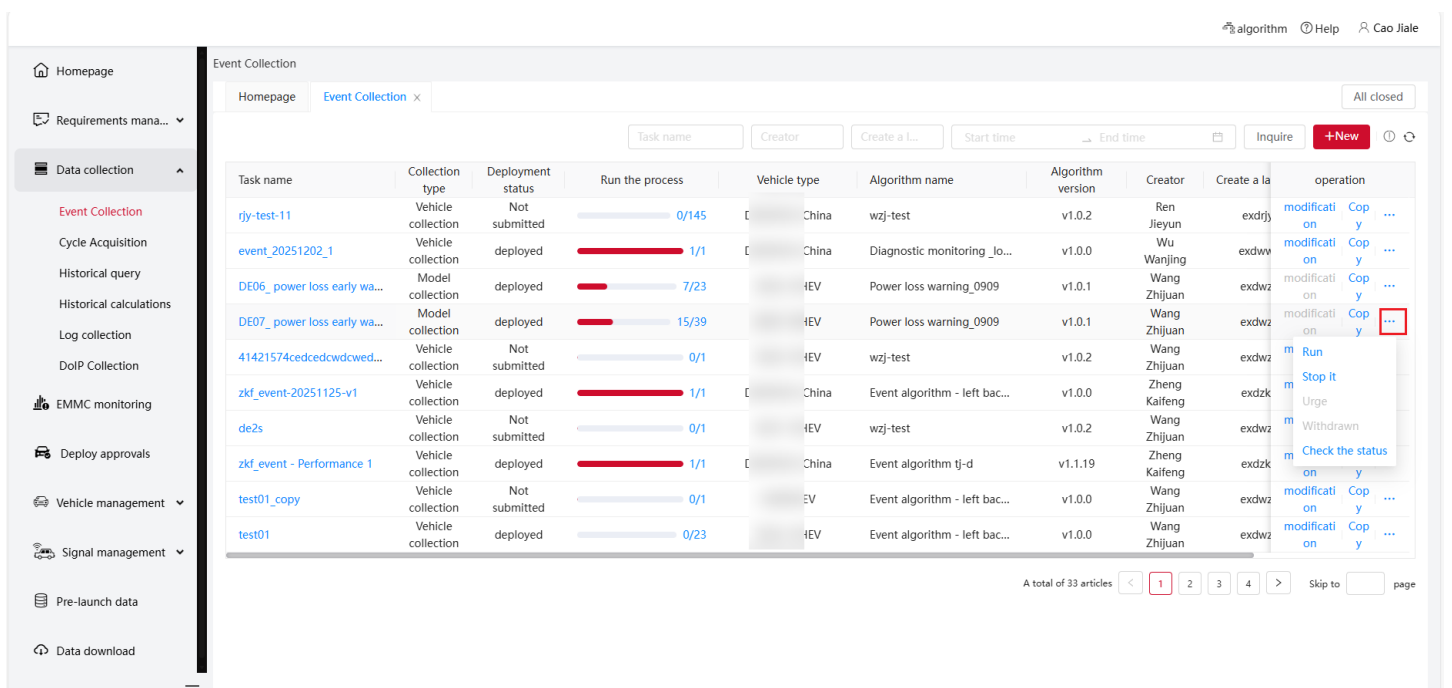




## 5.5 More Operations "..."

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.



## 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.

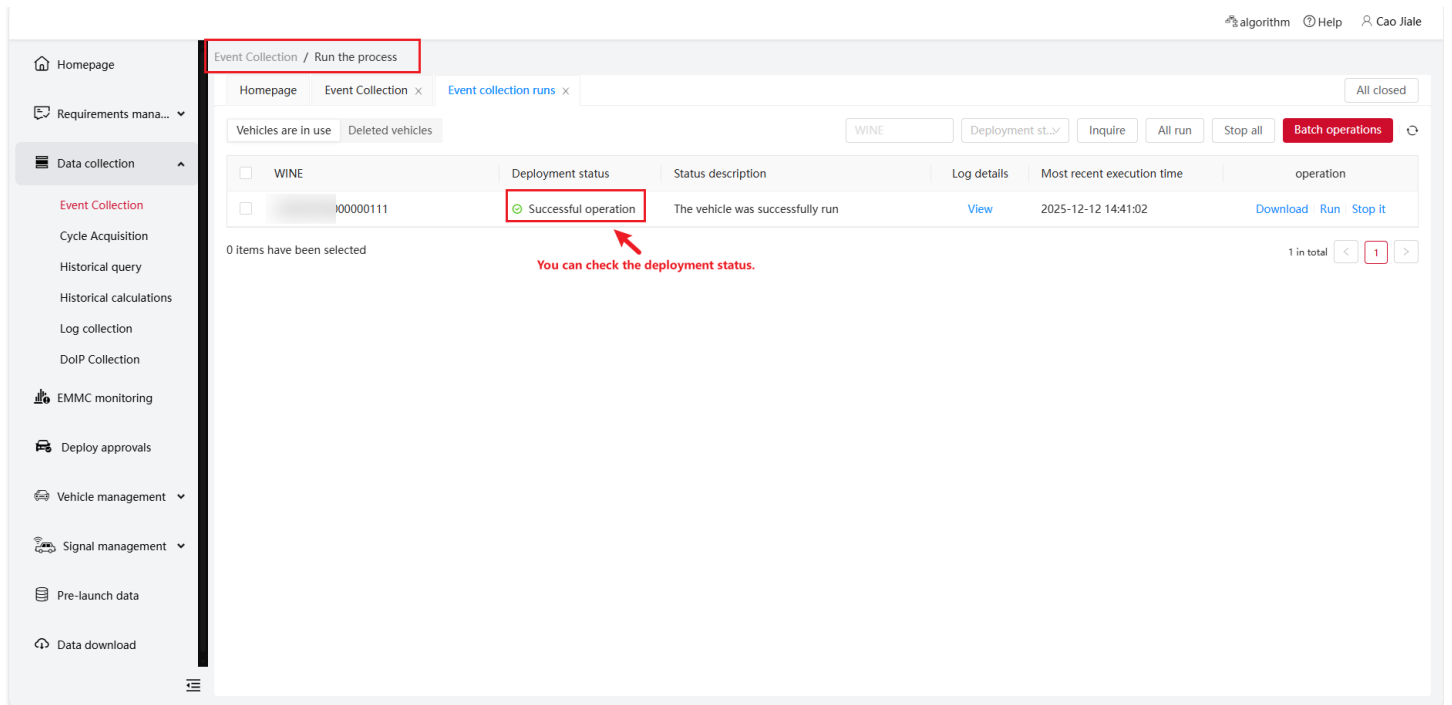
## 5.6 Event Collection Secondary Page

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 displays the 'Event Collection' page. A red arrow points to the 'Run the process' button in the 'Run the process' column of the table. The table lists tasks with their deployment status, vehicle type, algorithm name, and version. The 'Run the process' button is highlighted in blue, indicating it is executable.

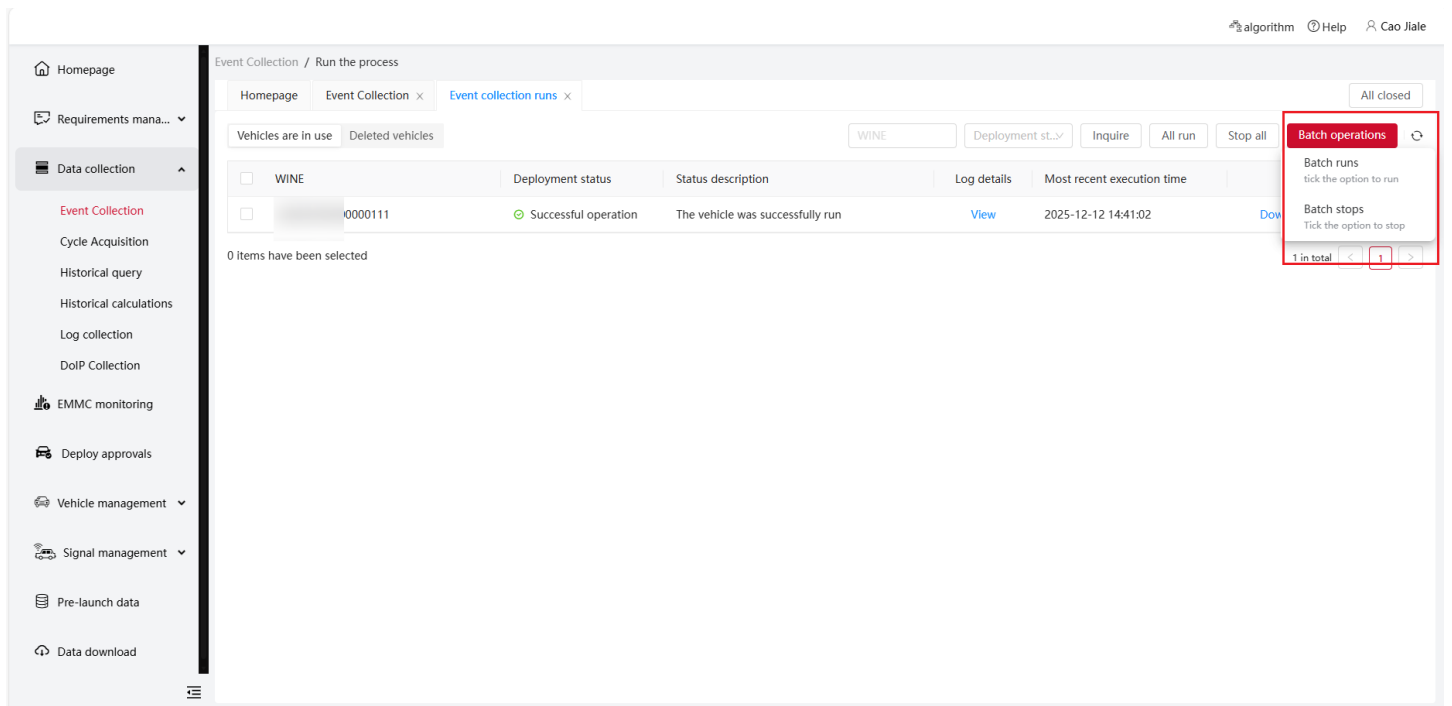
Task name	Collection type	Deployment status	Run the process	Vehicle type	Algorithm name	Algorithm version	Creator	Create a la	operation
rjy-test-11	Vehicle collection	Not submitted	0/145	China	wzj-test	v1.0.2	Ren Jieyun	exdrjy	modification Copy ...
event_20251202_1	Vehicle collection	deployed	1/1	China	Diagnostic monitoring _lo...	v1.0.0	Wu Wanjin	exdww	modification Copy ...
DE06_power loss early wa...	Model collection	deployed	7/23	HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdwz	modification Copy ...
DE07_power loss early wa...	Model collection	deployed	15/39	HEV	Power loss warning_0909	v1.0.1	Wang Zhijuan	exdwz	modification Copy ...
41421574cedcedcdwed...	Vehicle collection	Not submitted	0/1	HEV	wzj-test	v1.0.2	Wang Zhijuan	exdwz	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	exdwz	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	HEV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdwz	modification Copy ...
test01	Vehicle collection	deployed	0/23	HEV	Event algorithm - left bac...	v1.0.0	Wang Zhijuan	exdwz	modification Copy ...

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



## 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.

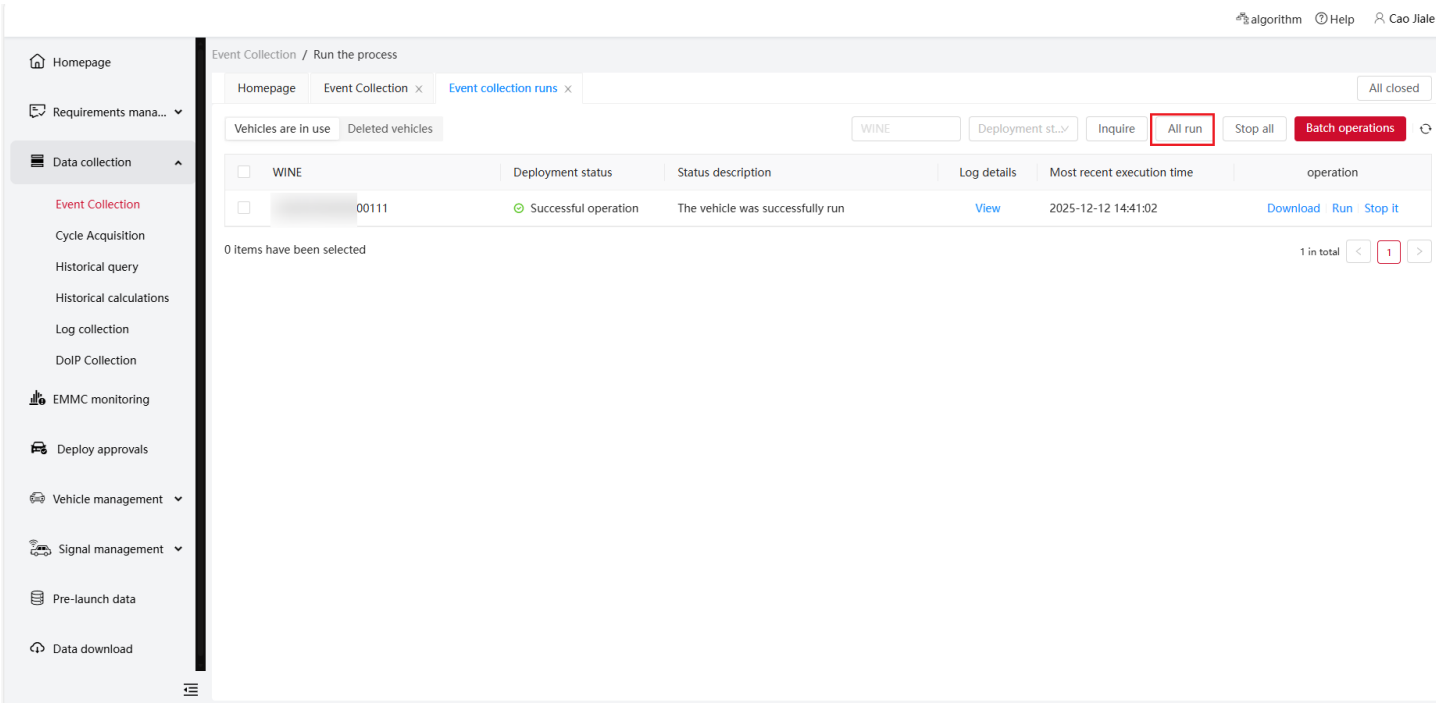


## 5.6.2 Run All

- 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.

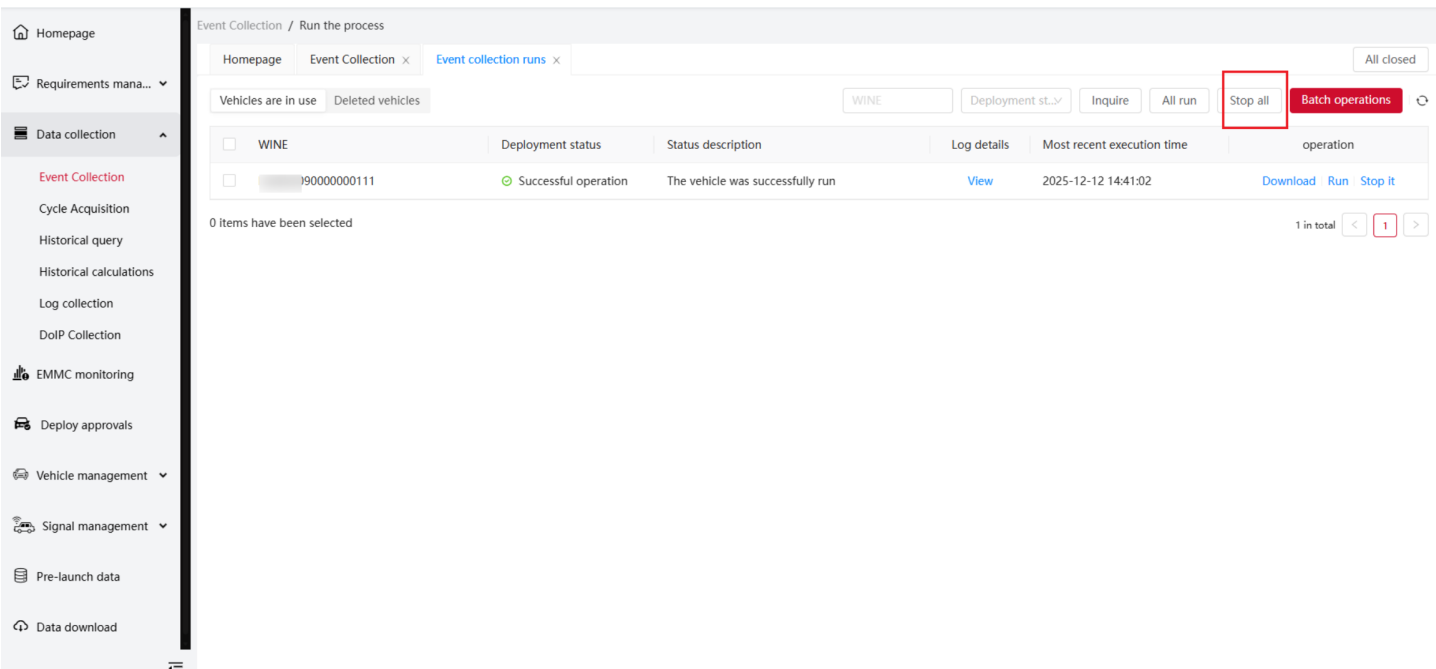


- When there are no runnable vehicles in the list, the prompt "No eligible vehicles" will appear.



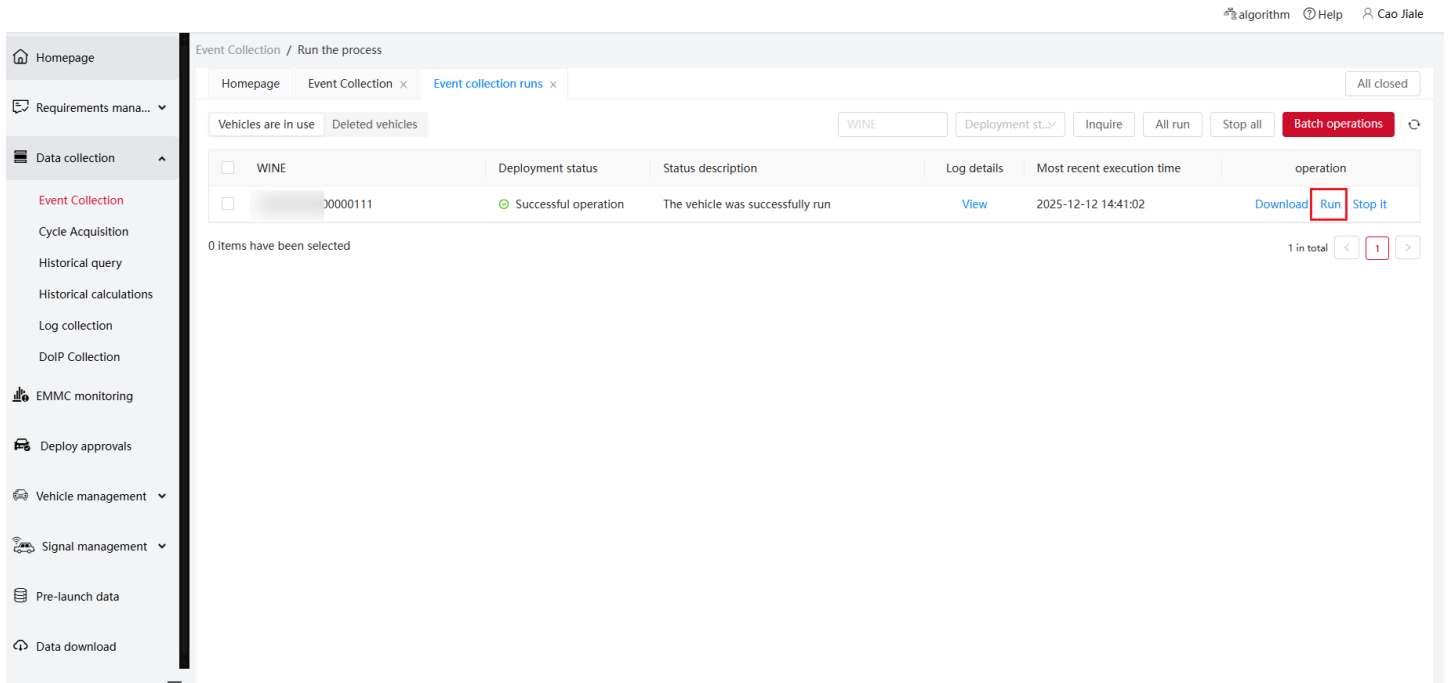
### 5.6.3 Stop All

- 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.



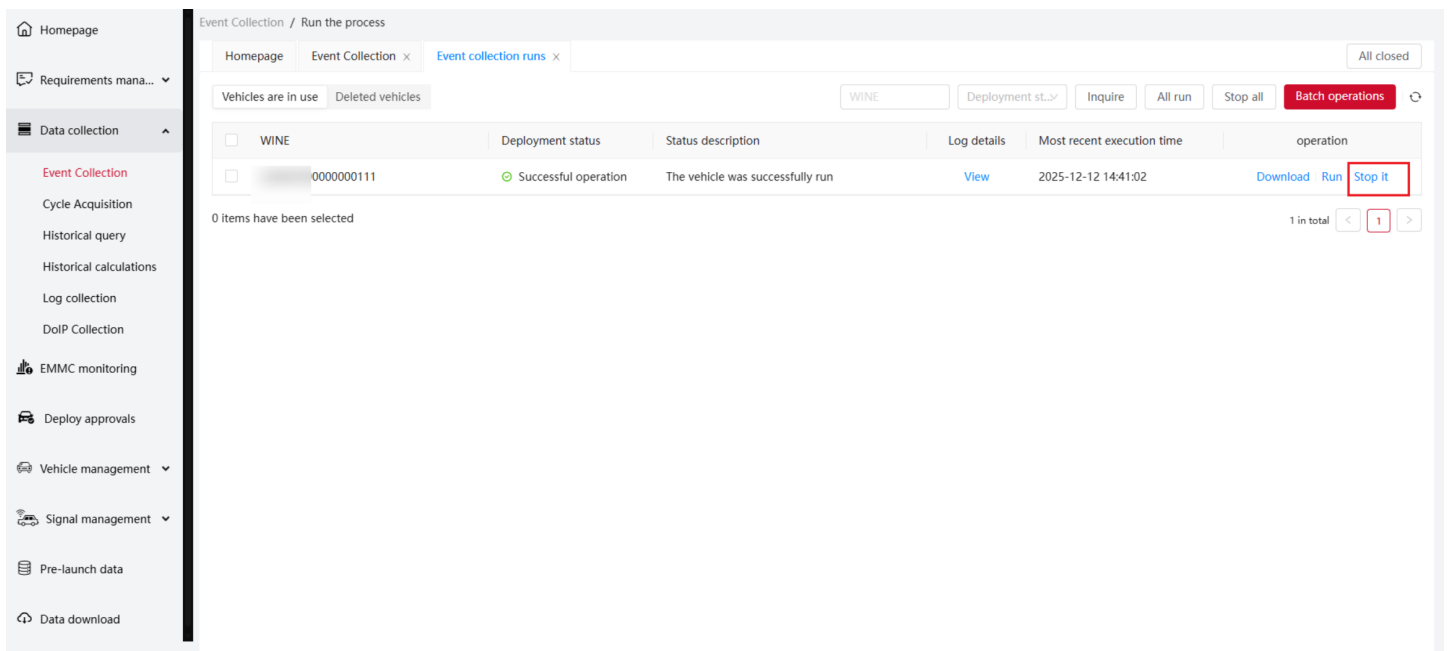
### 5.6.4 Operation - Run

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



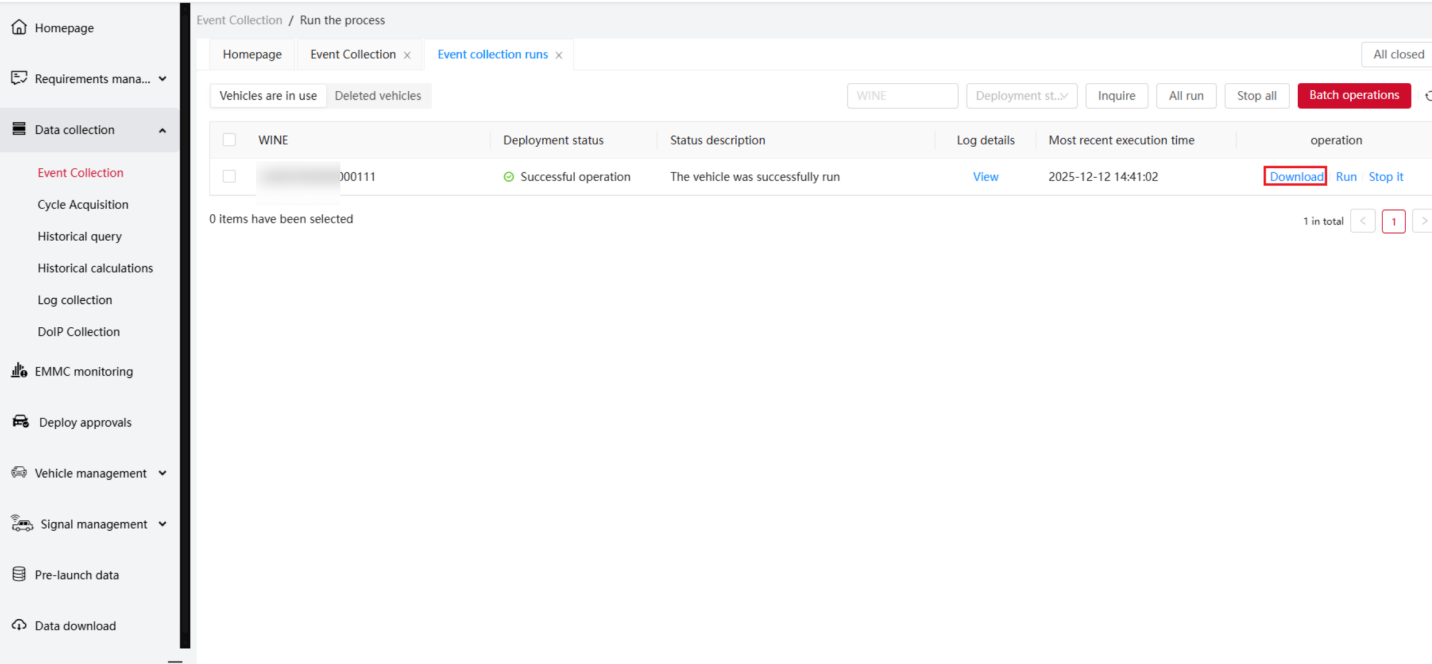
## 5.6.5 Operation - Stop

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



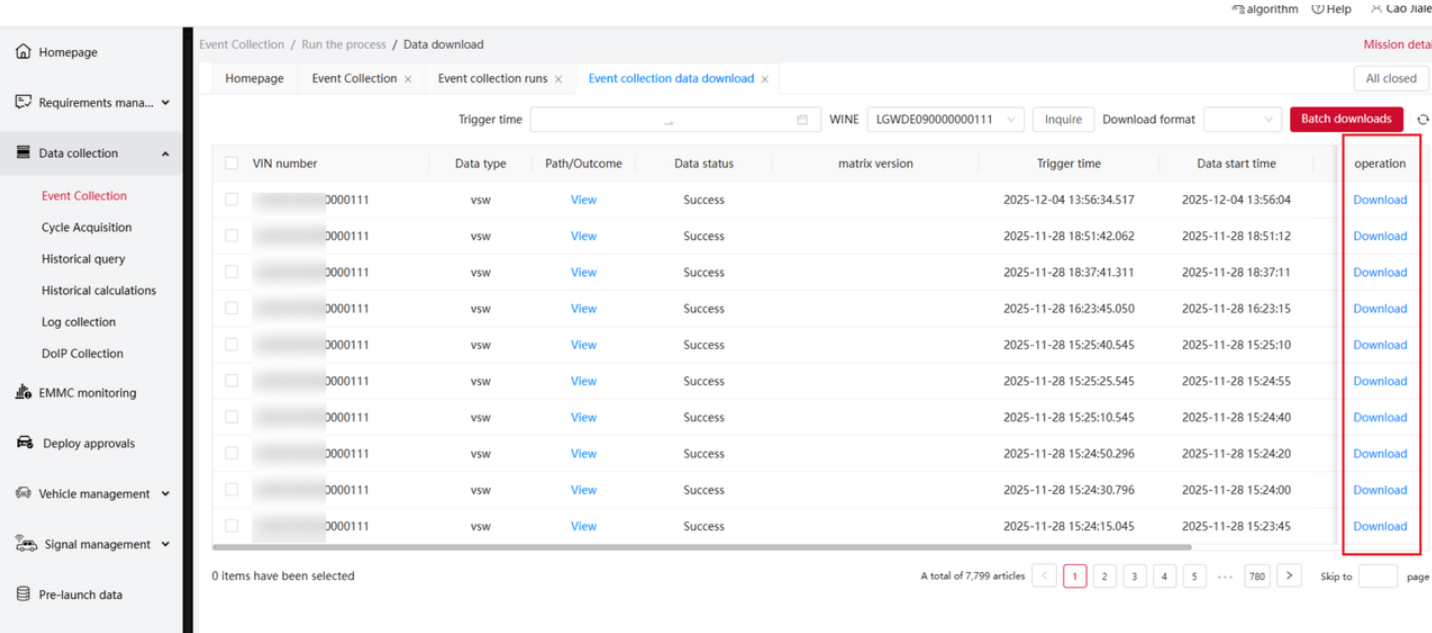
## 5.6.6 Operation - Download

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.



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.



## 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.

algorithm Help Cao Jiale

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

Homepage Cycle Acquisition x All closed

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

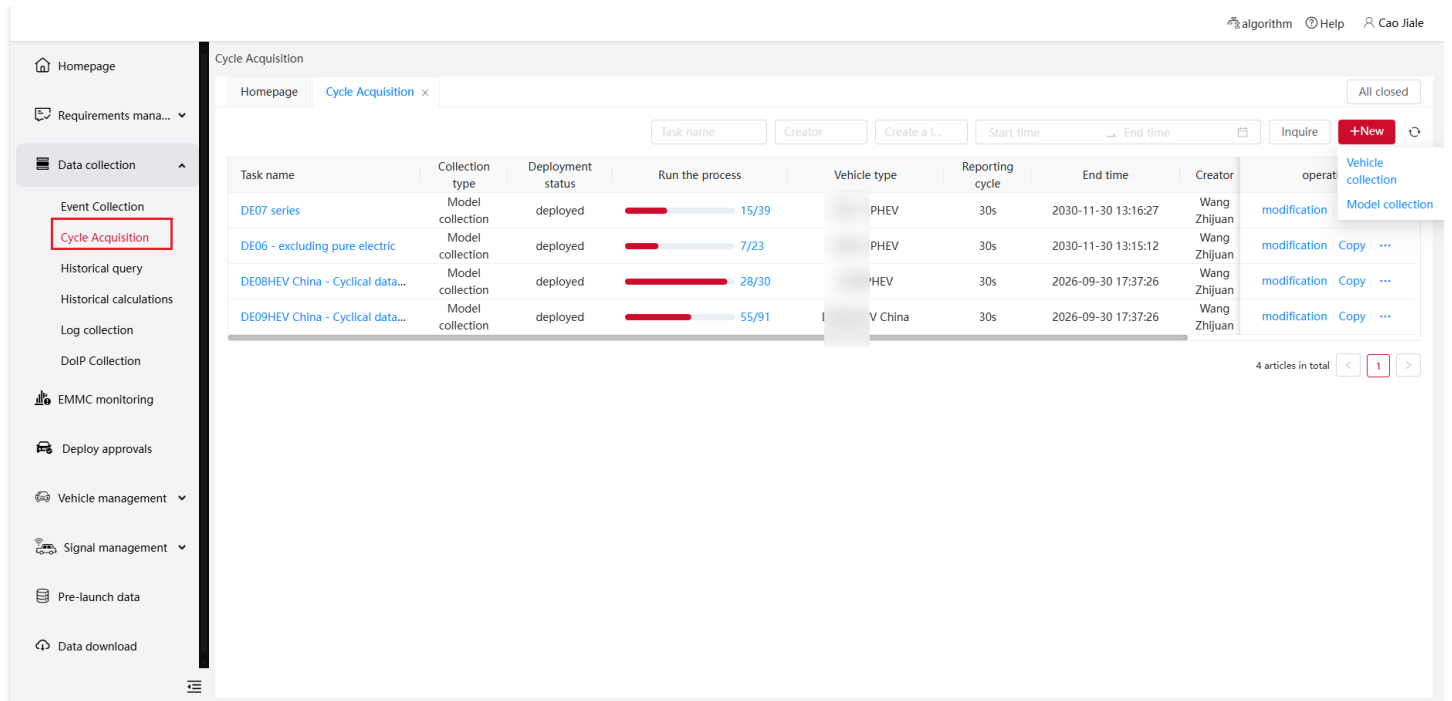
Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	15/39	1PHEV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...
DE06 - excluding pure electric	Model collection	deployed	7/23	1PHEV	30s	2030-11-30 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	EV China	30s	2026-09-30 17:37:26	Wang Zhijuan	modification Copy ...

4 articles in total < 1 >

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.

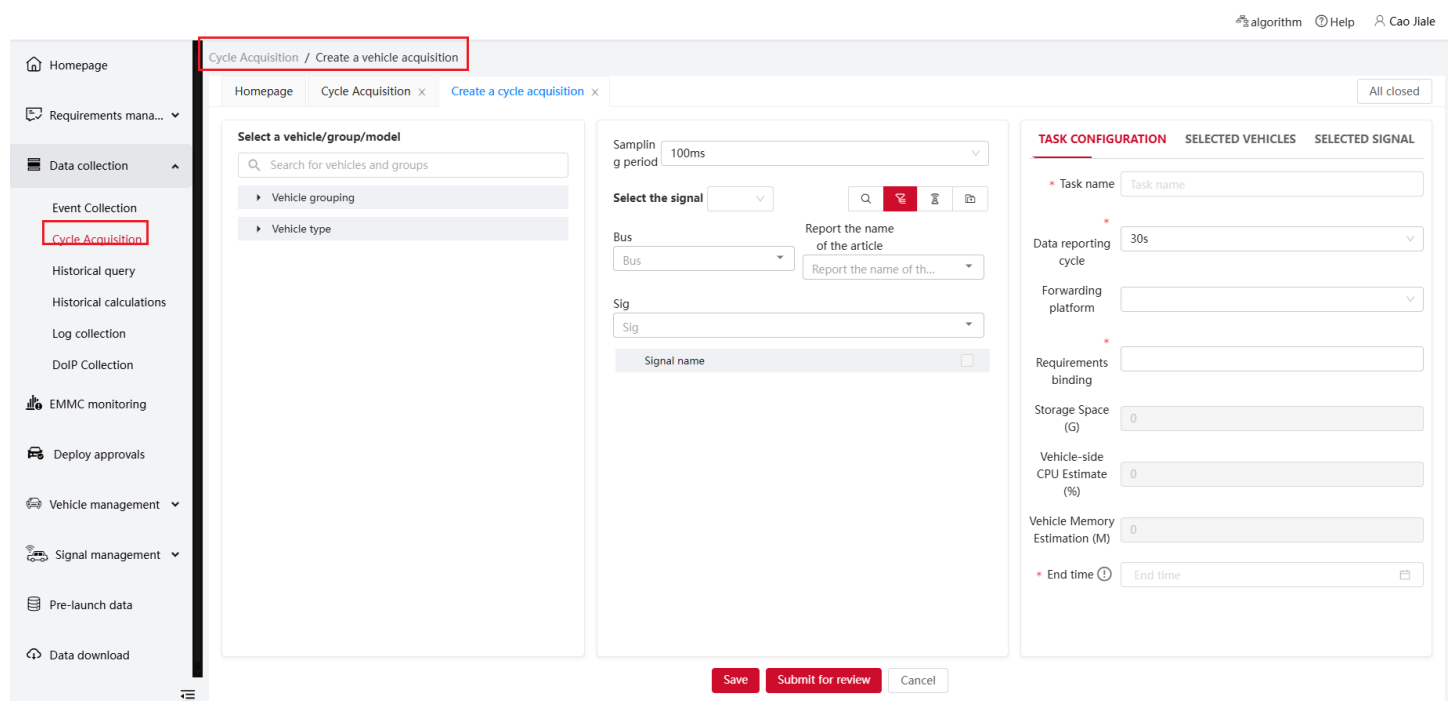
## 6.1 Create Collection

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



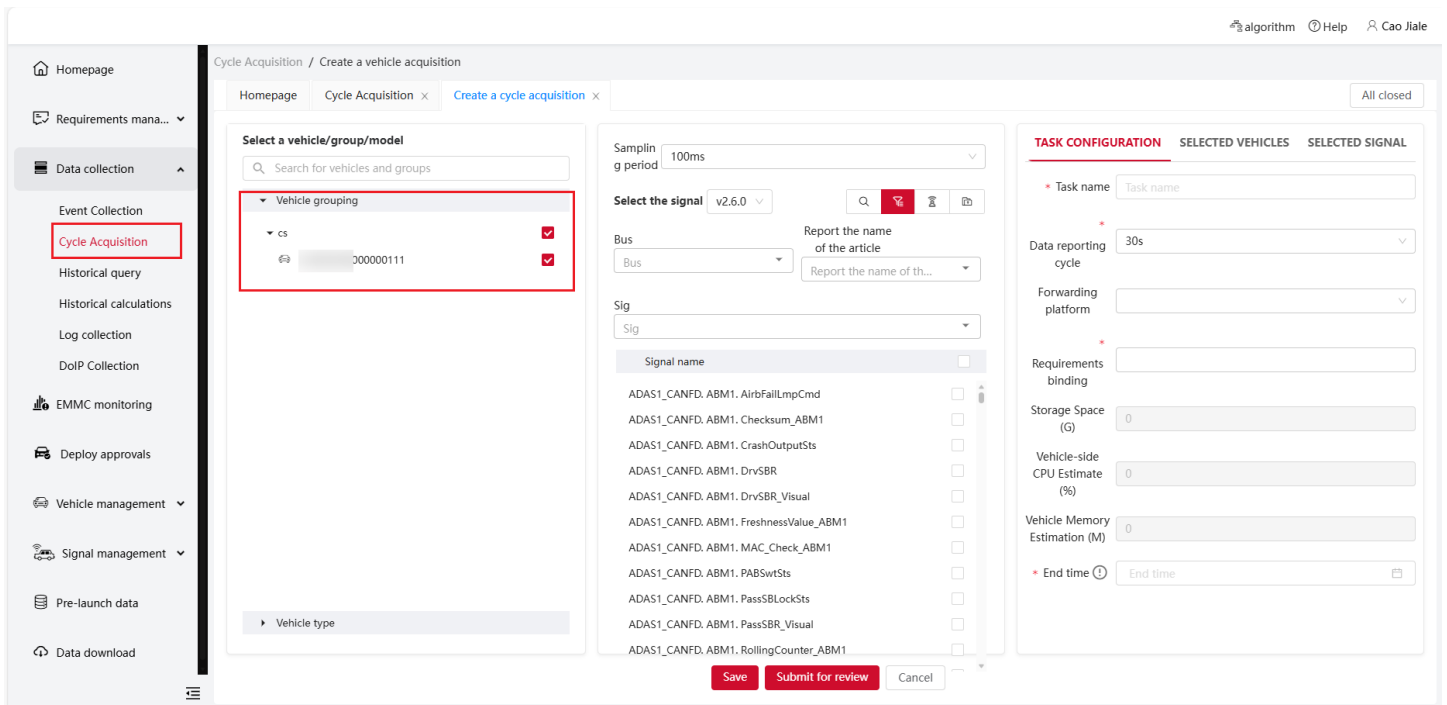
## 6.1.1 Create Vehicle Collection

Click Vehicle Collection to enter the Vehicle Collection creation page.

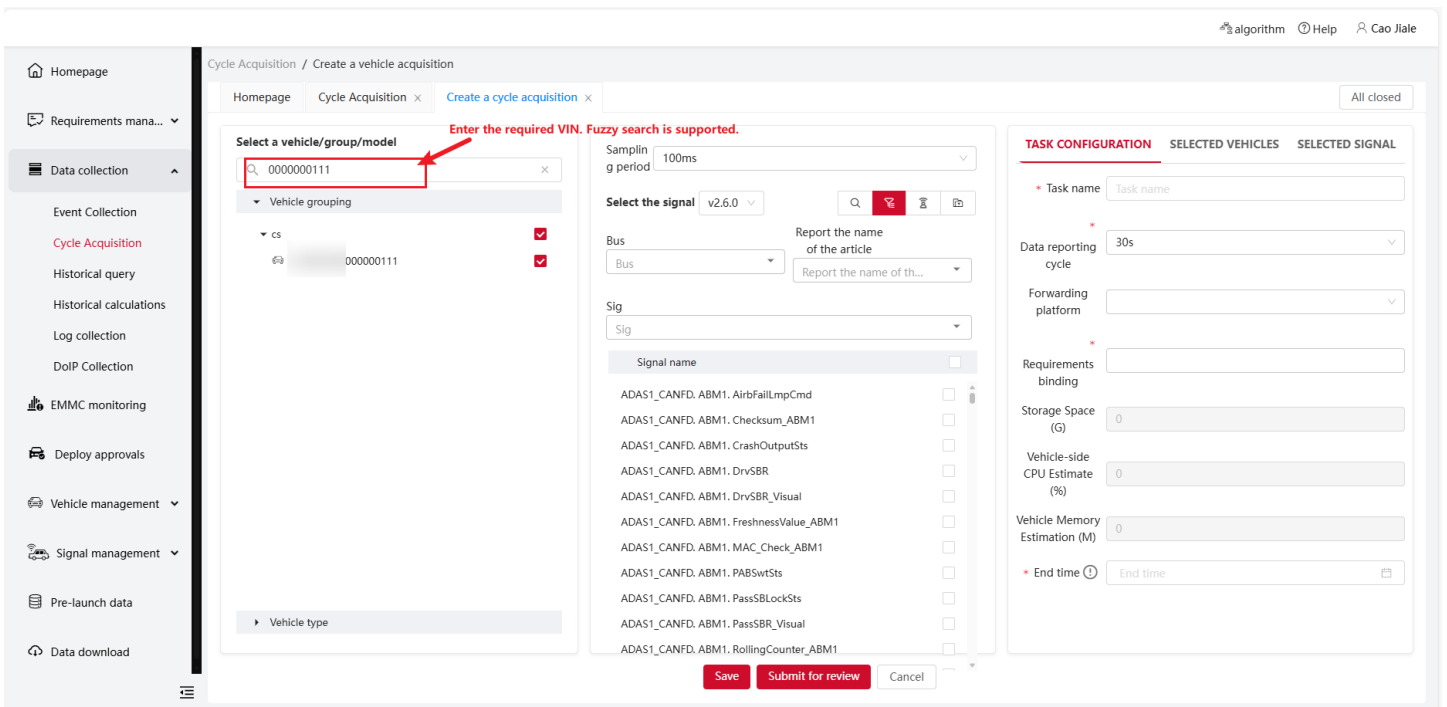


### 6.1.1.1 Configure Vehicle Selection

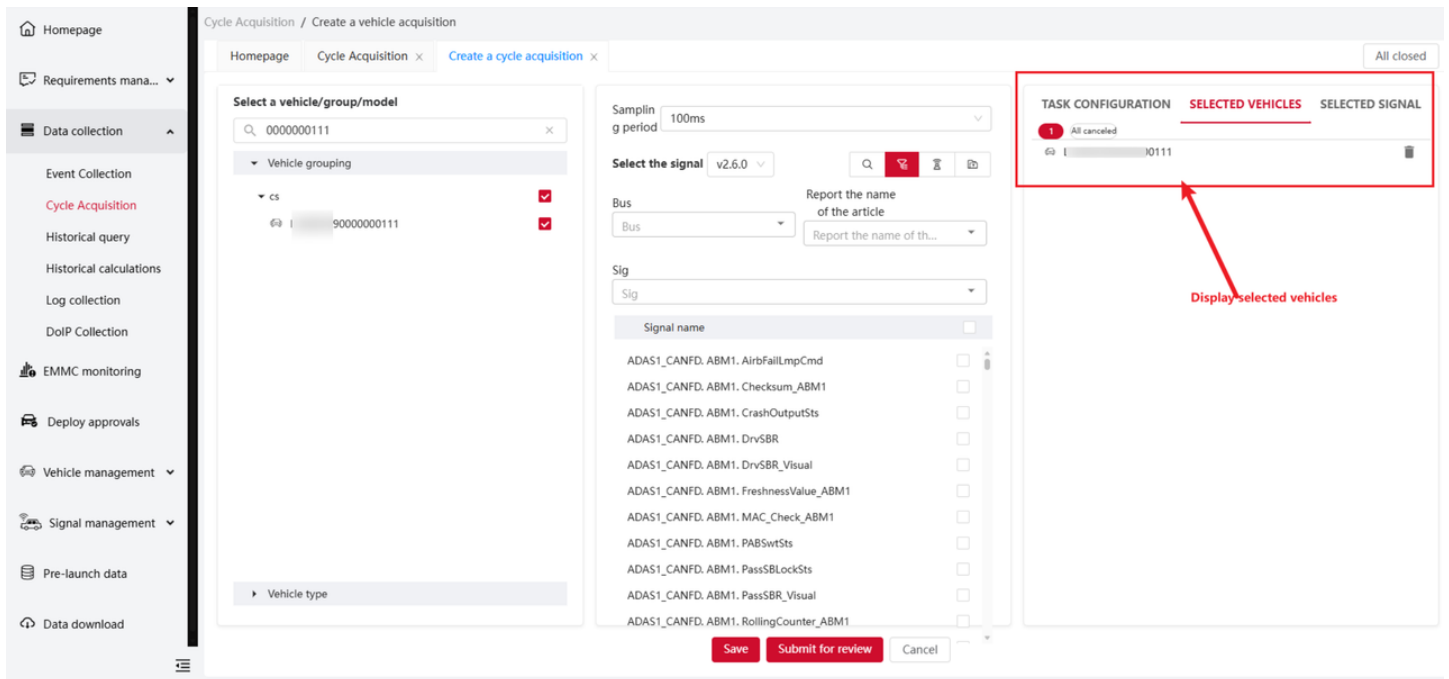
- Directly click the Group Name under the vehicle group to expand the vehicles in that group. Then click the Checkbox to select the vehicles for which data collection will be created.



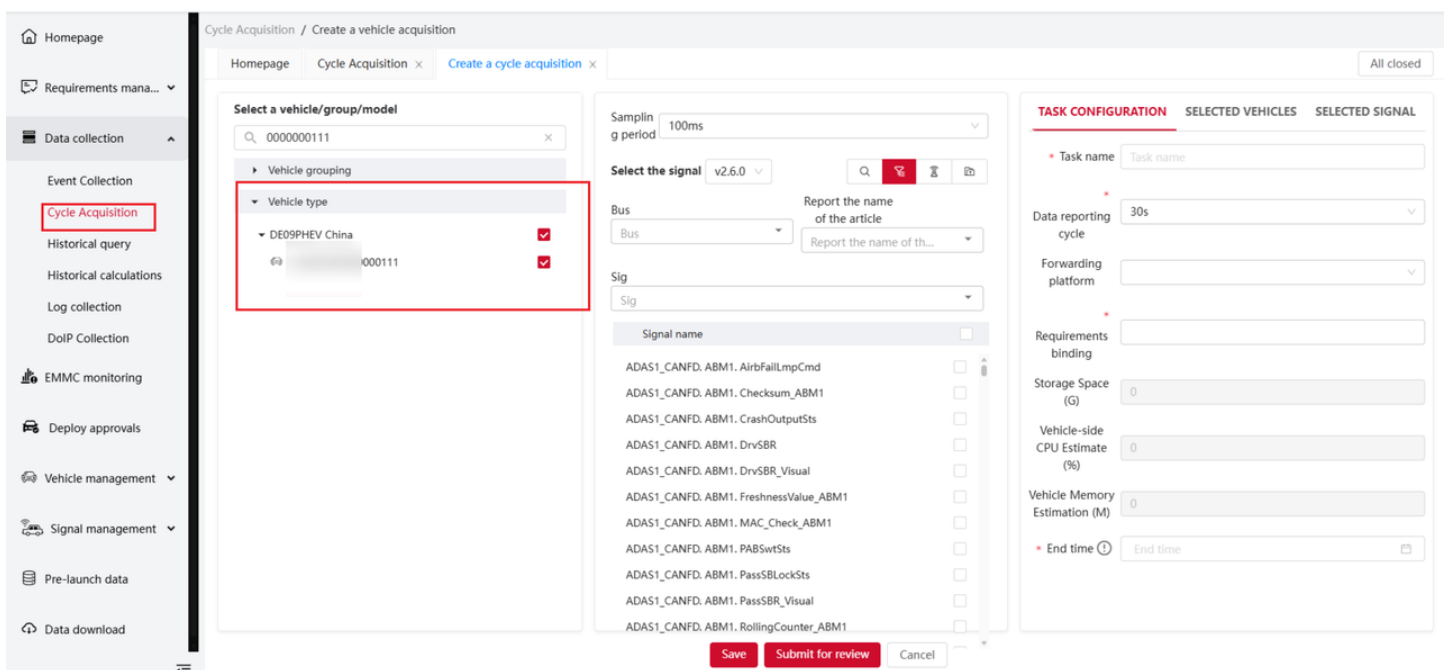
- Click the "Select Vehicles and Groups" search box, enter the VIN or group name. The relevant vehicles/groups will be displayed in the list below, and fuzzy search is supported.



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



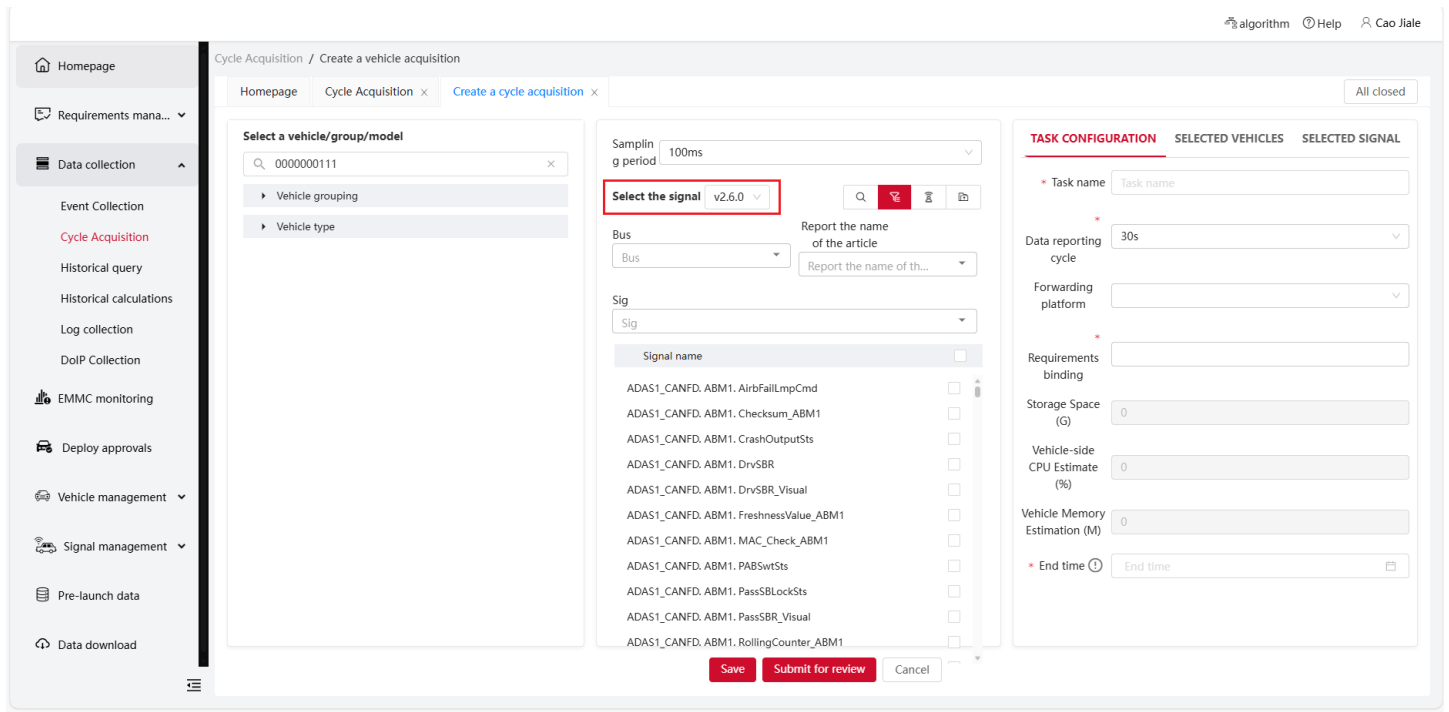
- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box next to it.



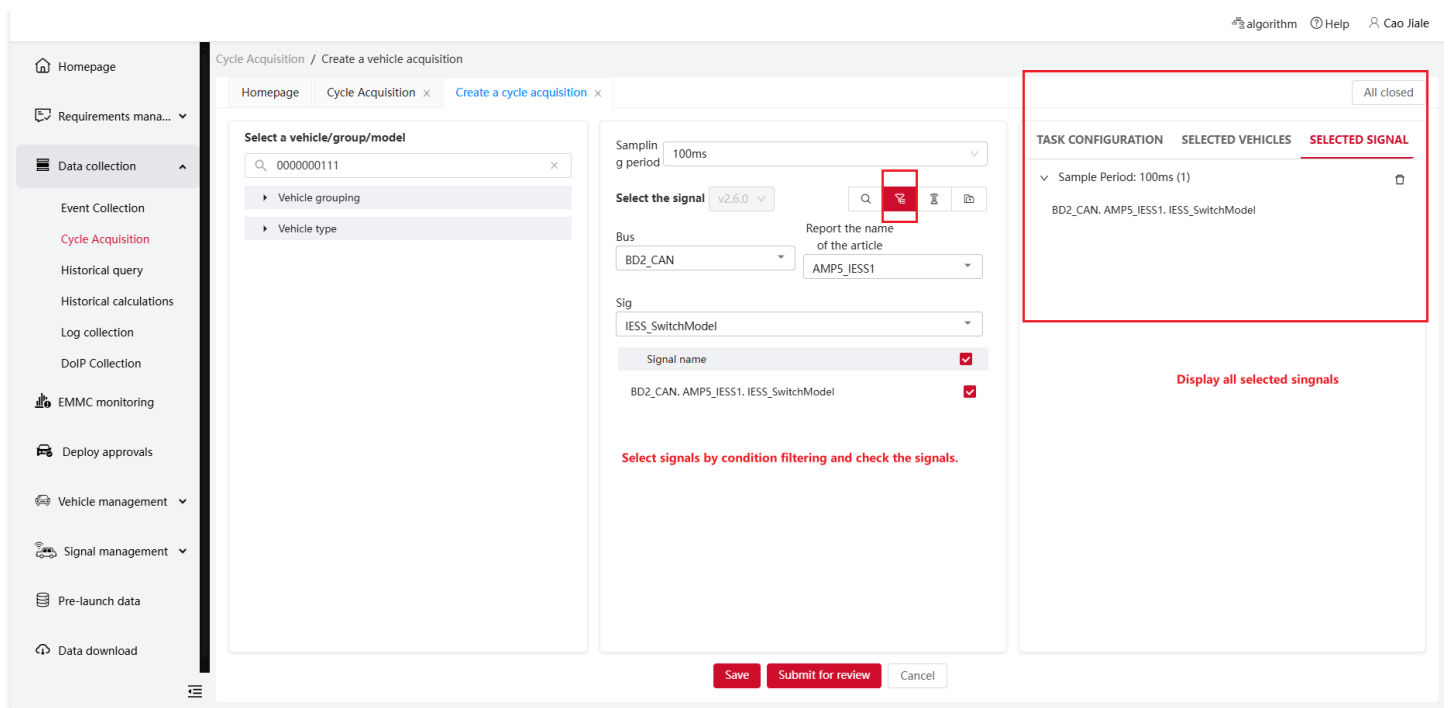
### 6.1.1.2 Configure Signal Selection

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).

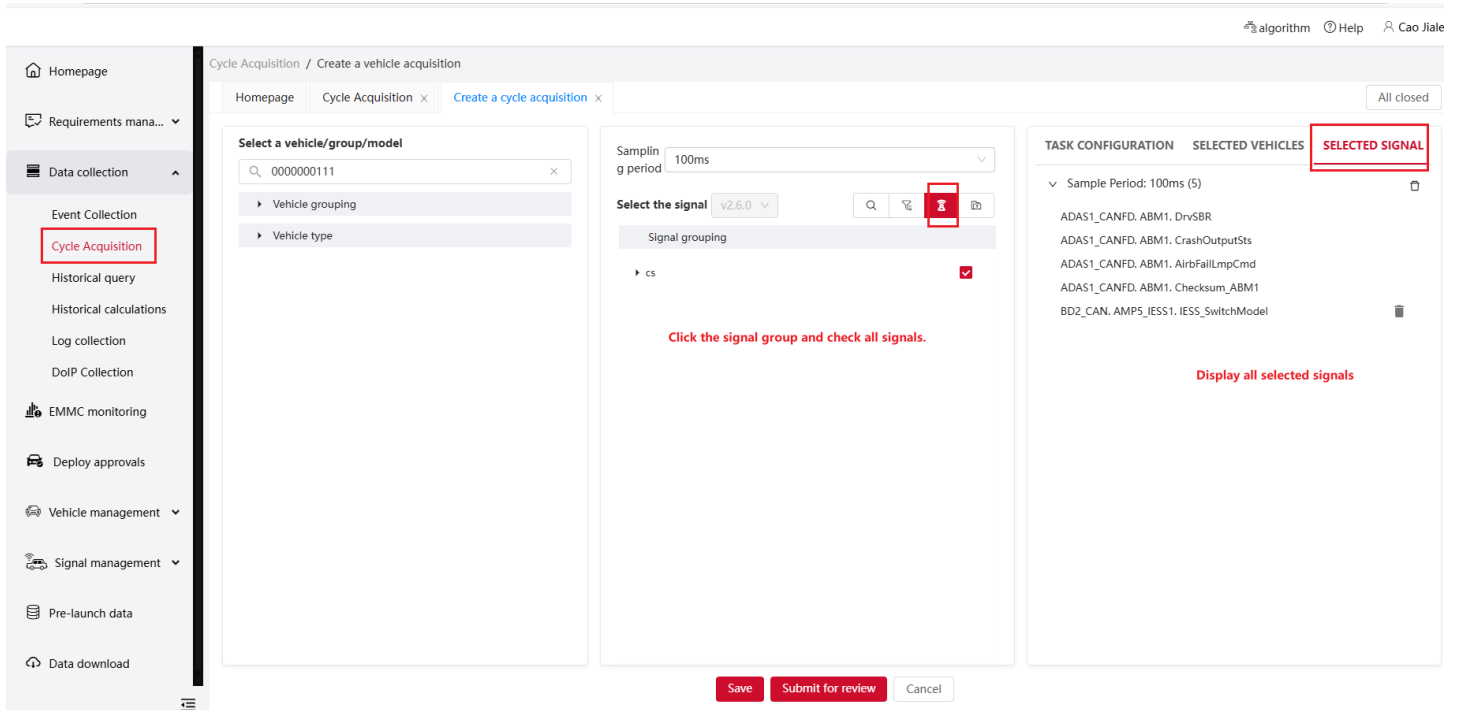




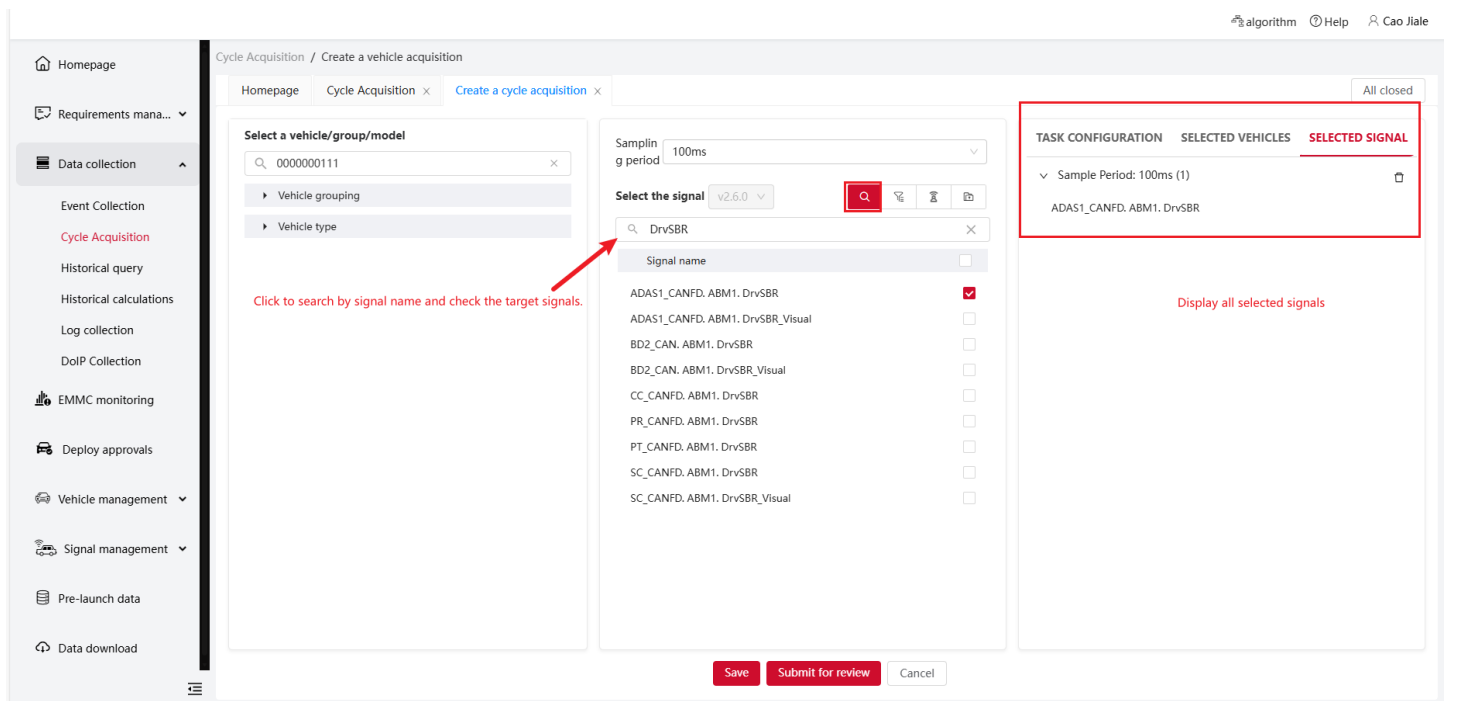
- The default signal selection mode is Conditional Filtering, and the signals that meet all the conditions will be displayed below.
- Click the checkbox next to a signal to select it; click the checkbox next to Signal Name to select all signals.
- The selected signals will be displayed in the "Selected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



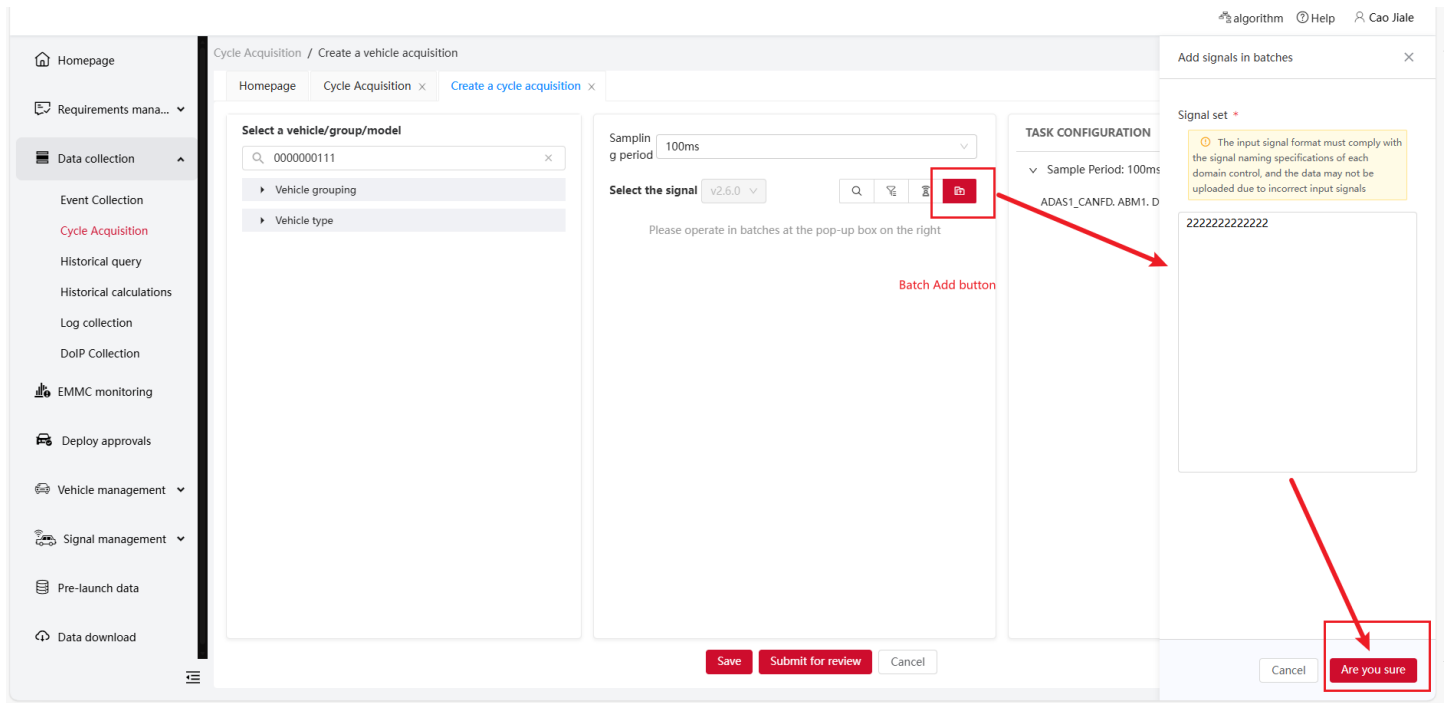
- Click "Signal Group" to select signals.
- Click the checkbox next to a signal to select it; click the checkbox next to "Signal Group Name" to select all signals in the group.
- The selected signals will be displayed in the "Selected Signals" section.



- 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.

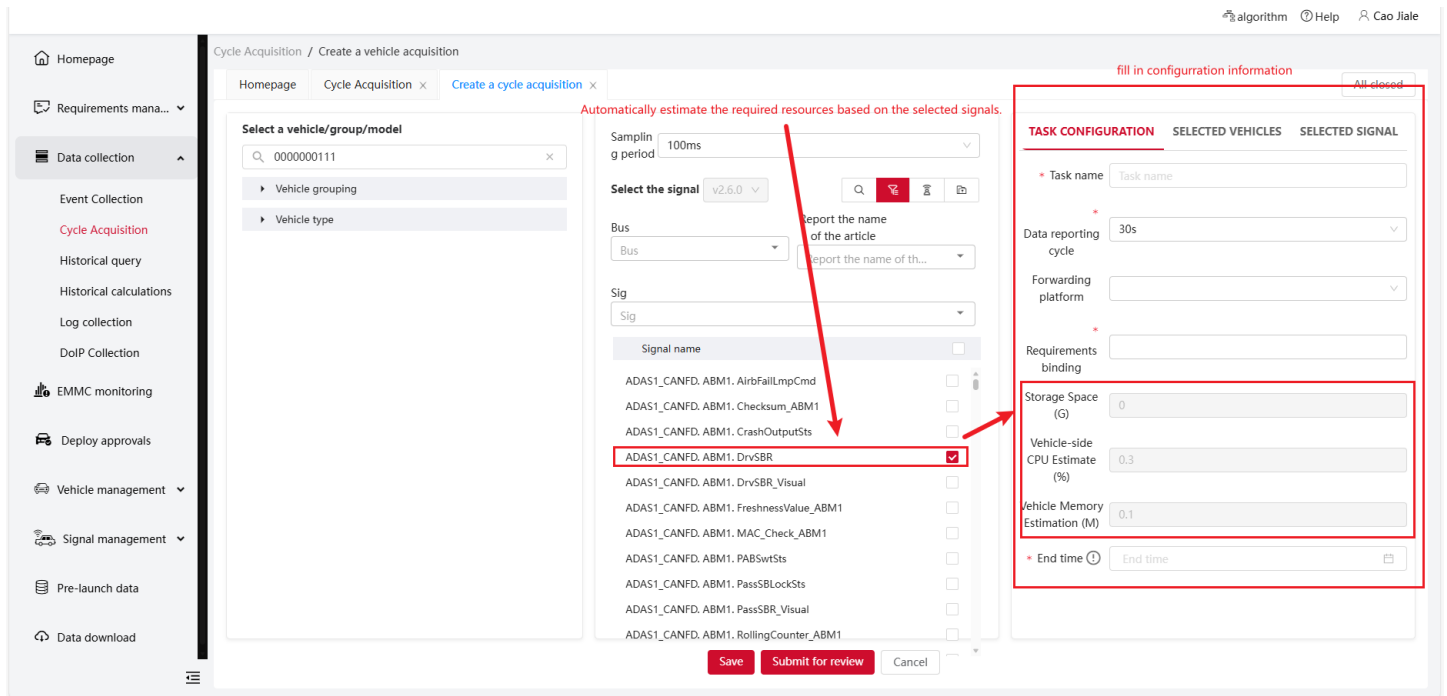


- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, and click "Confirm" to add the signals in batches.

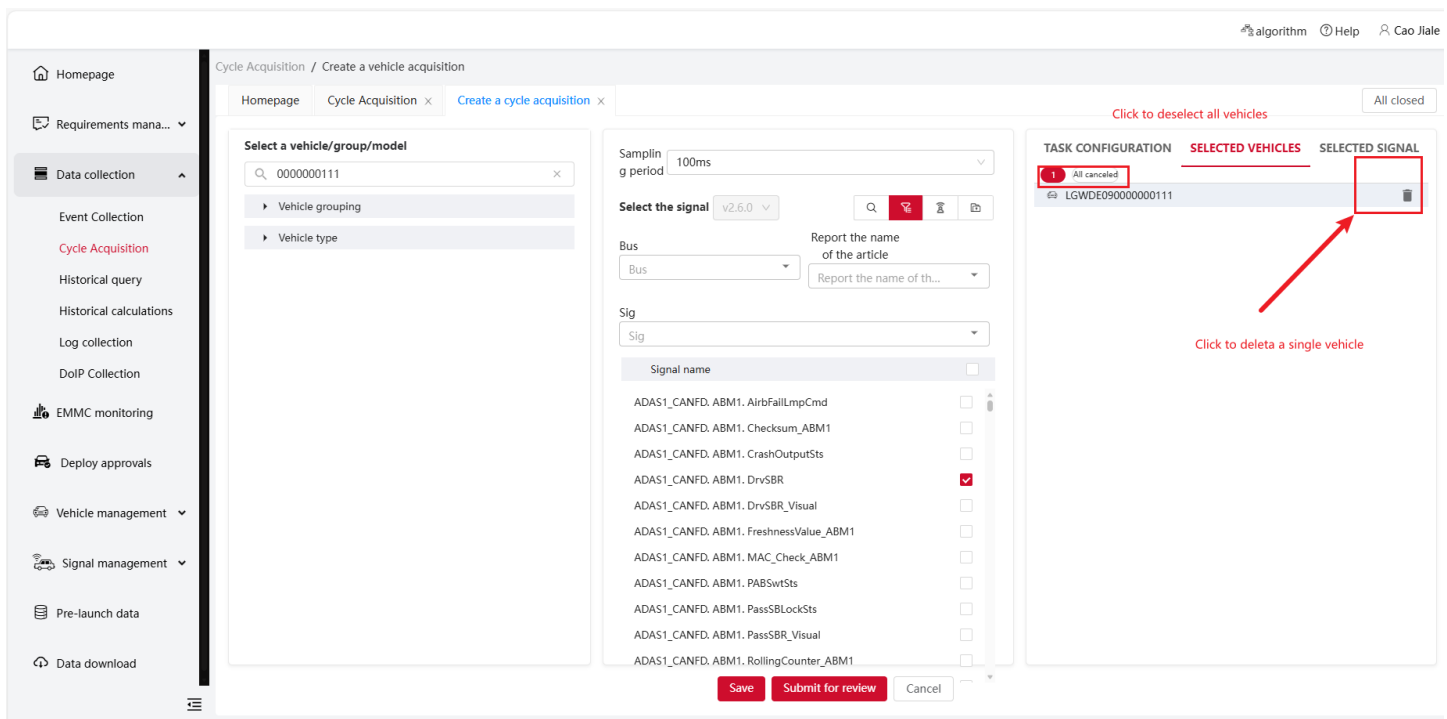


### 6.1.1.3 Task Configuration

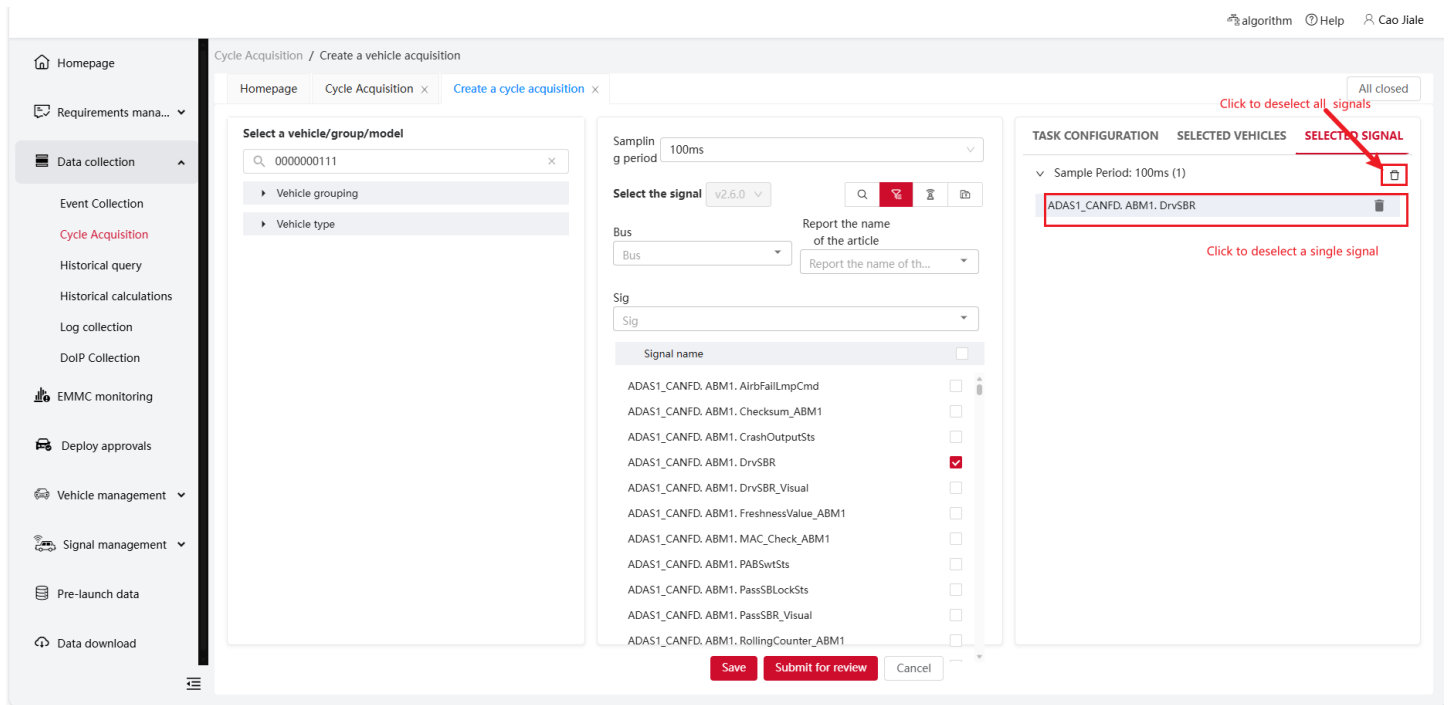
- Click the Task Name input box and enter a task name. It supports Chinese characters, numbers, letters, hyphens and underscores. Task names for data collection cannot be duplicated.
- Click the Data Reporting Cycle selection box and select a cycle. The unit is seconds, and this field is mandatory.
- 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.)*



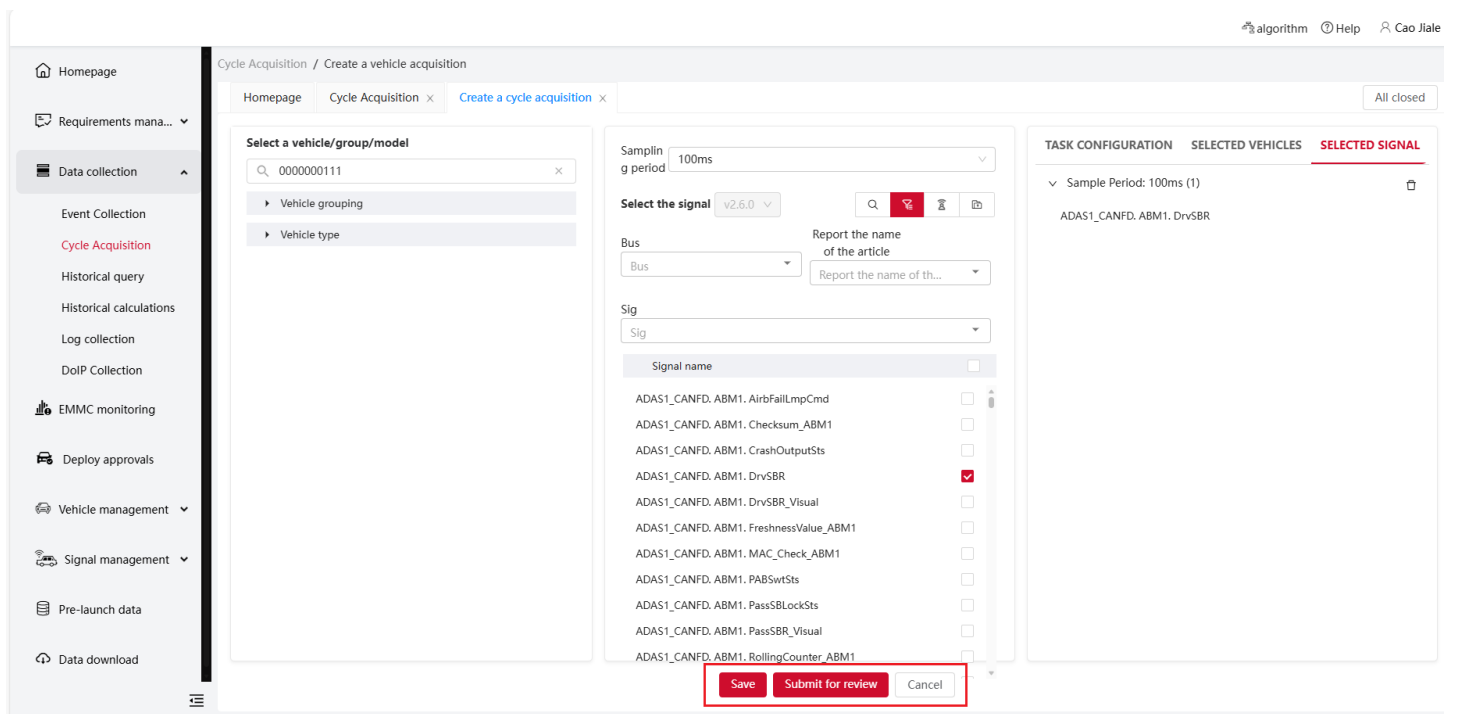
- In the "Selected Vehicles" list, the number of selected vehicles and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox on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



- 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.



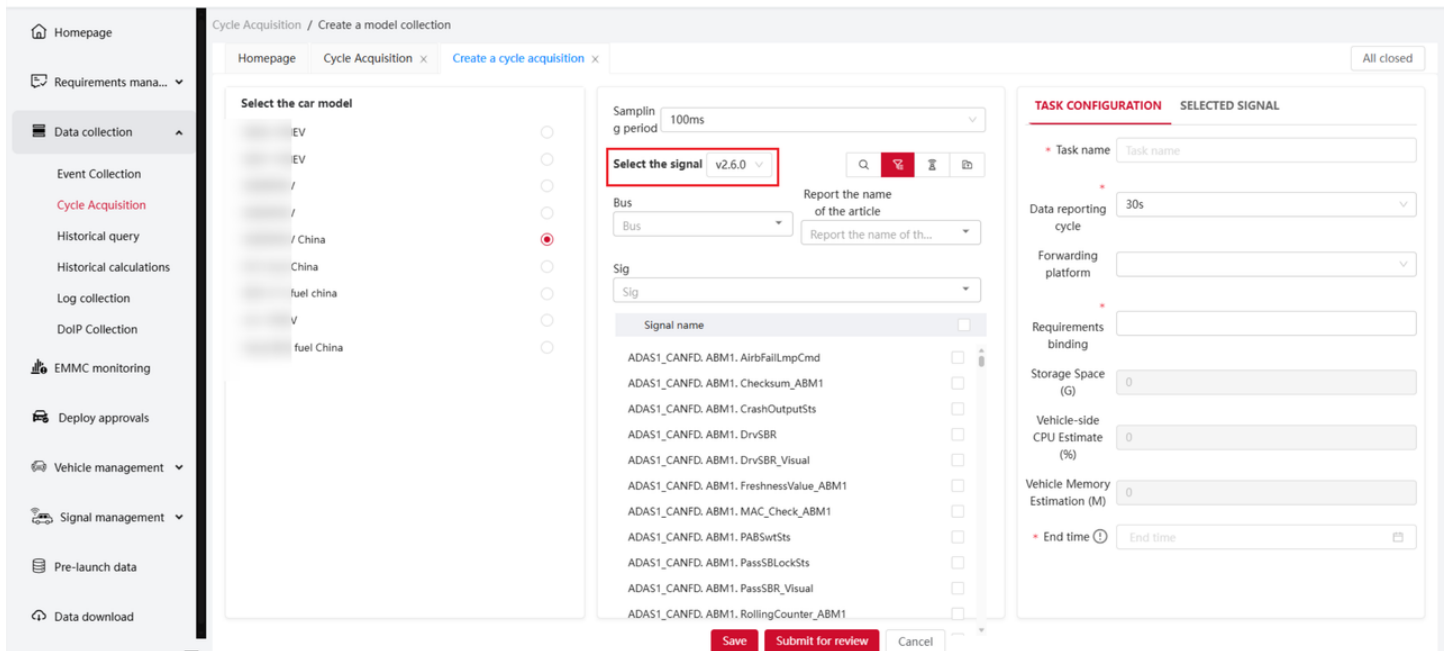
- After completing the configuration, click the Save button to save the data of this periodic collection task. The task will not be distributed or deployed immediately. You can re-enter the page to modify and deploy the task later.
- Click the Submit for Approval button to submit the task for review.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



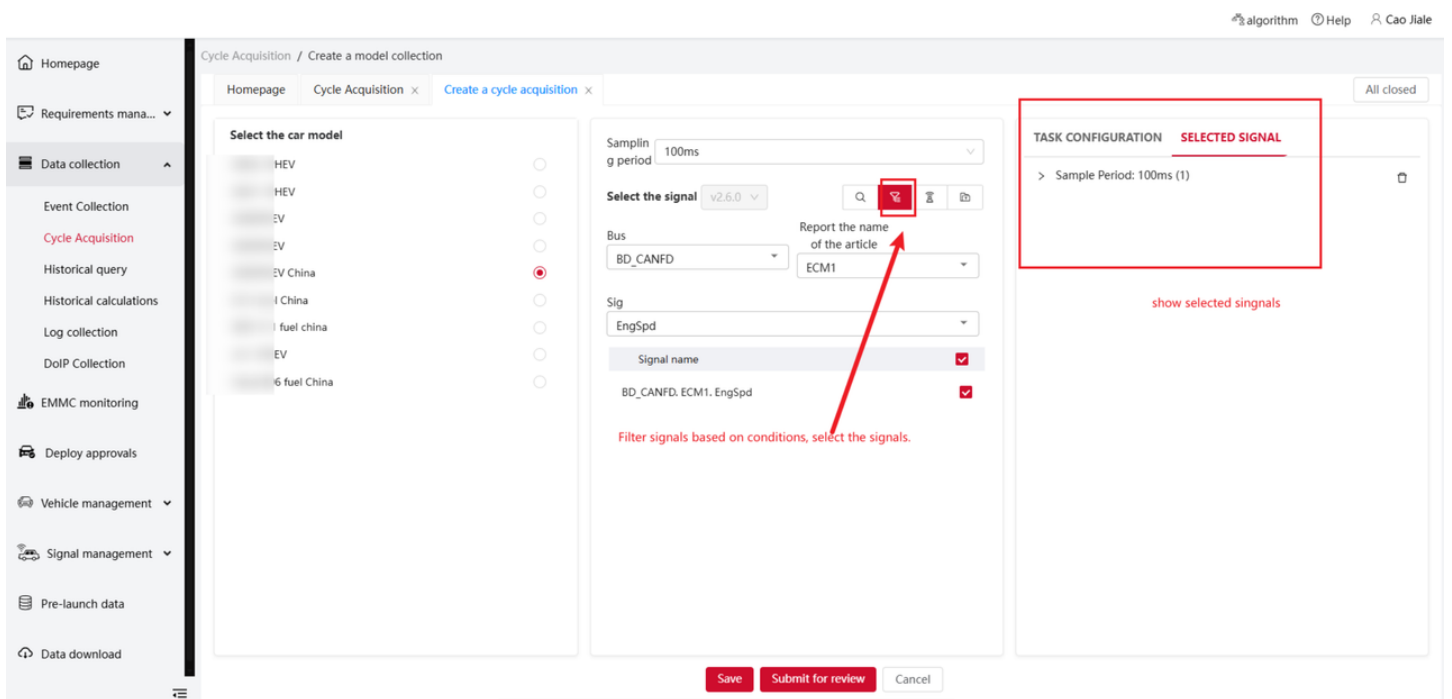
## 6.1.2 Create Vehicle Model Collection

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



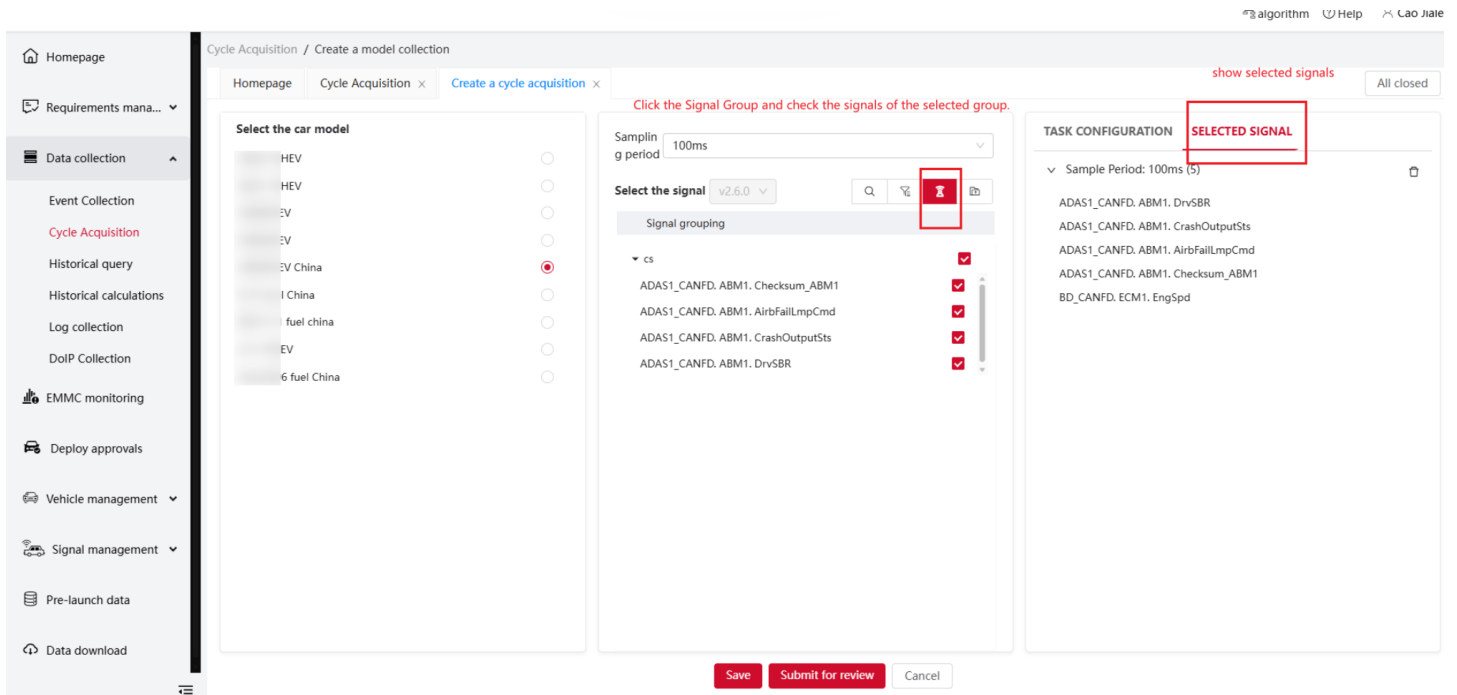


- The default signal selection mode is "Conditional Filtering", and signals that meet all the conditions will be displayed below.
- Click the signal checkbox to select a specific signal; click the Signal Name checkbox to select all signals.
- The "Selected Signals" section displays the checked signals.

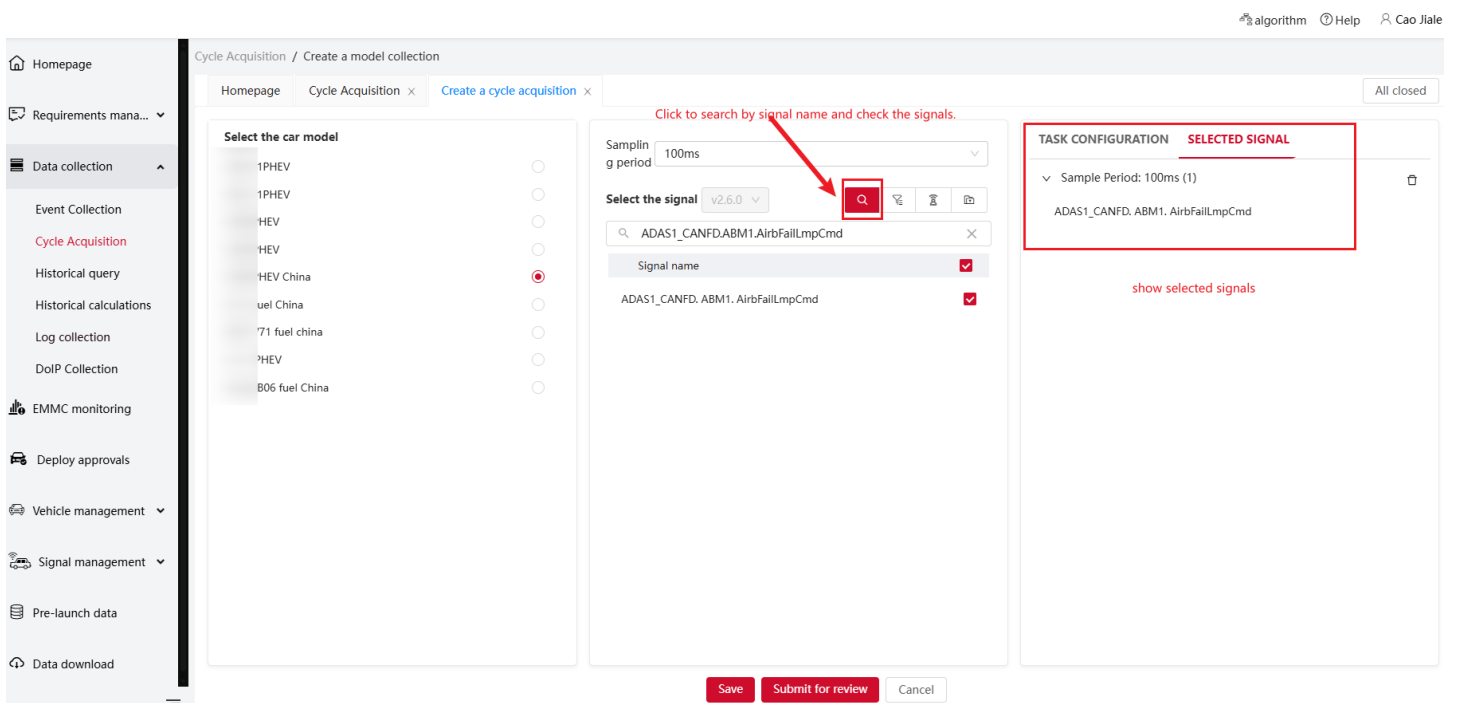


- Click "Signal Group" to select signals.
- Click the signal checkbox to select a specific signal; click the Signal Group Name checkbox to select all signals.
- The "Selected Signals" section displays the checked signals.

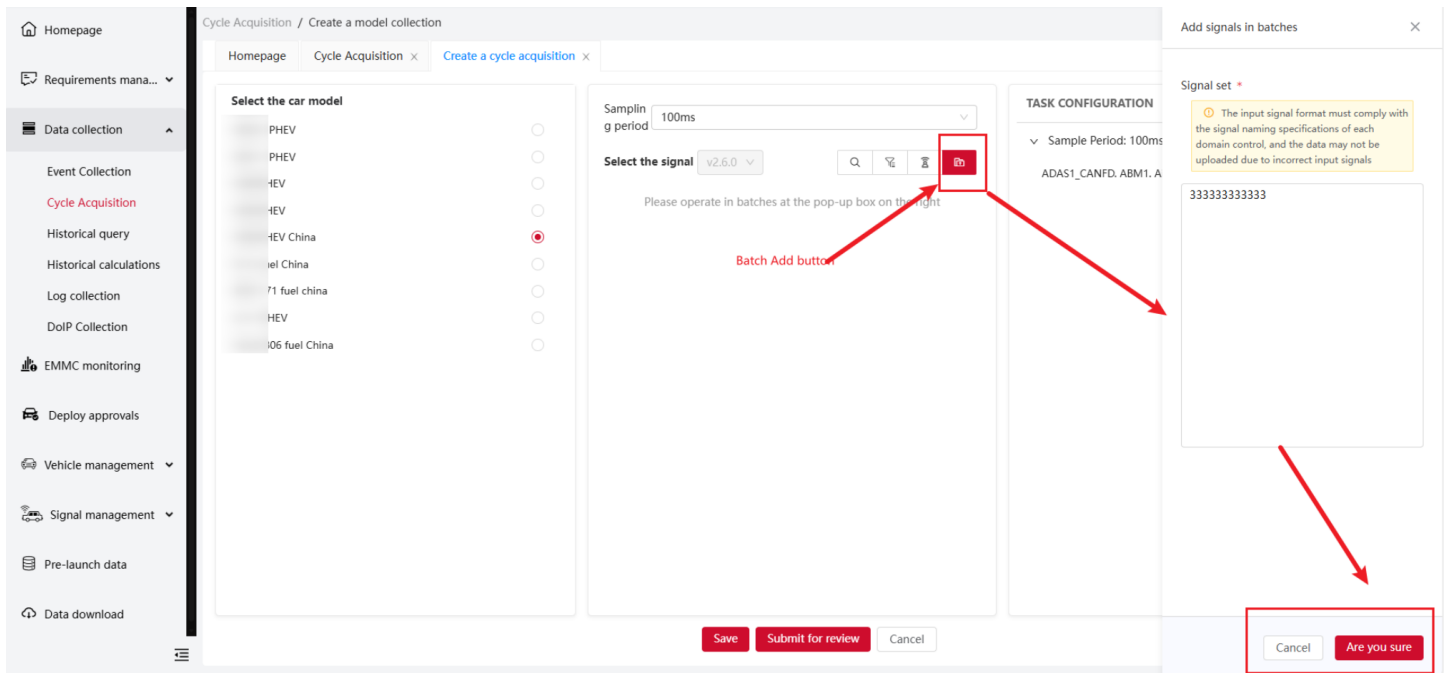




- Click the "Search Signals by Signal Name" icon to switch to the corresponding function.
- Enter the signal name in the search box to query the corresponding signal based on the name.

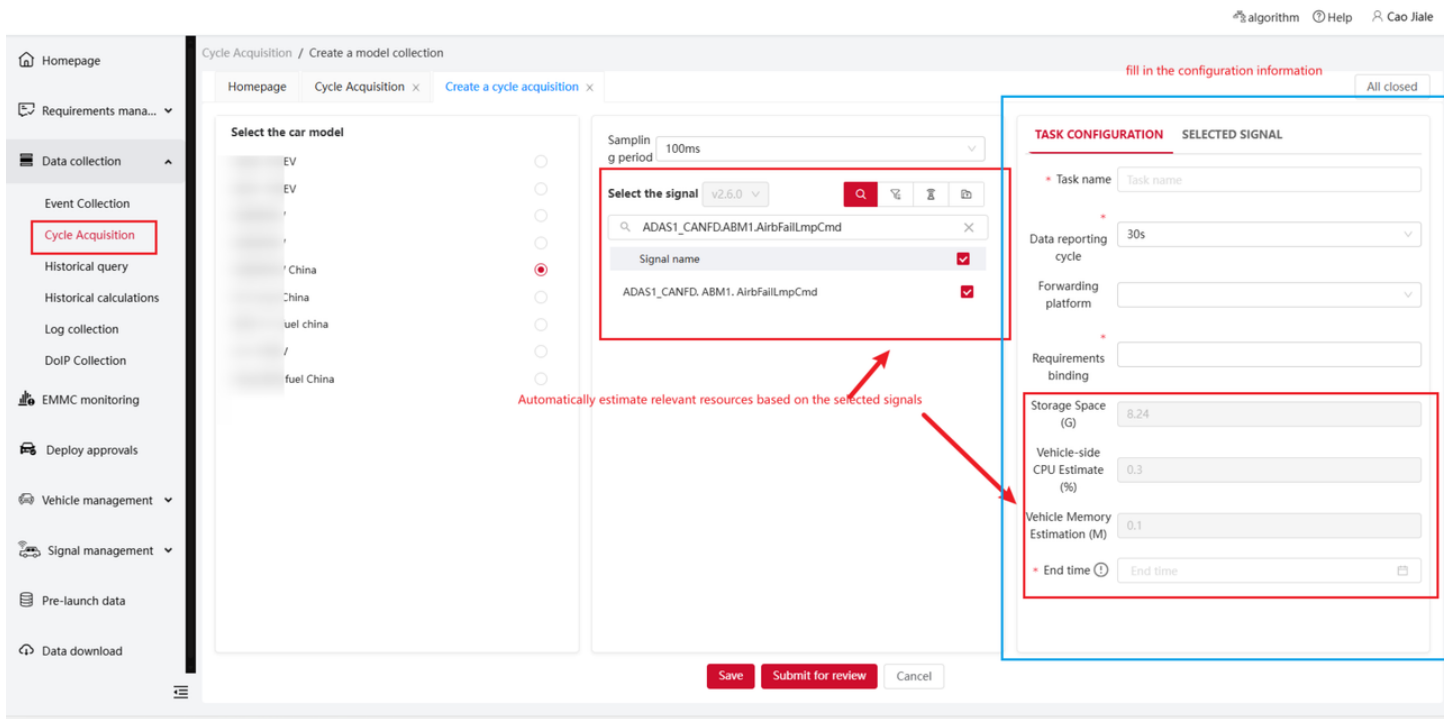


- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, and click "Confirm" to add the signals in batches.

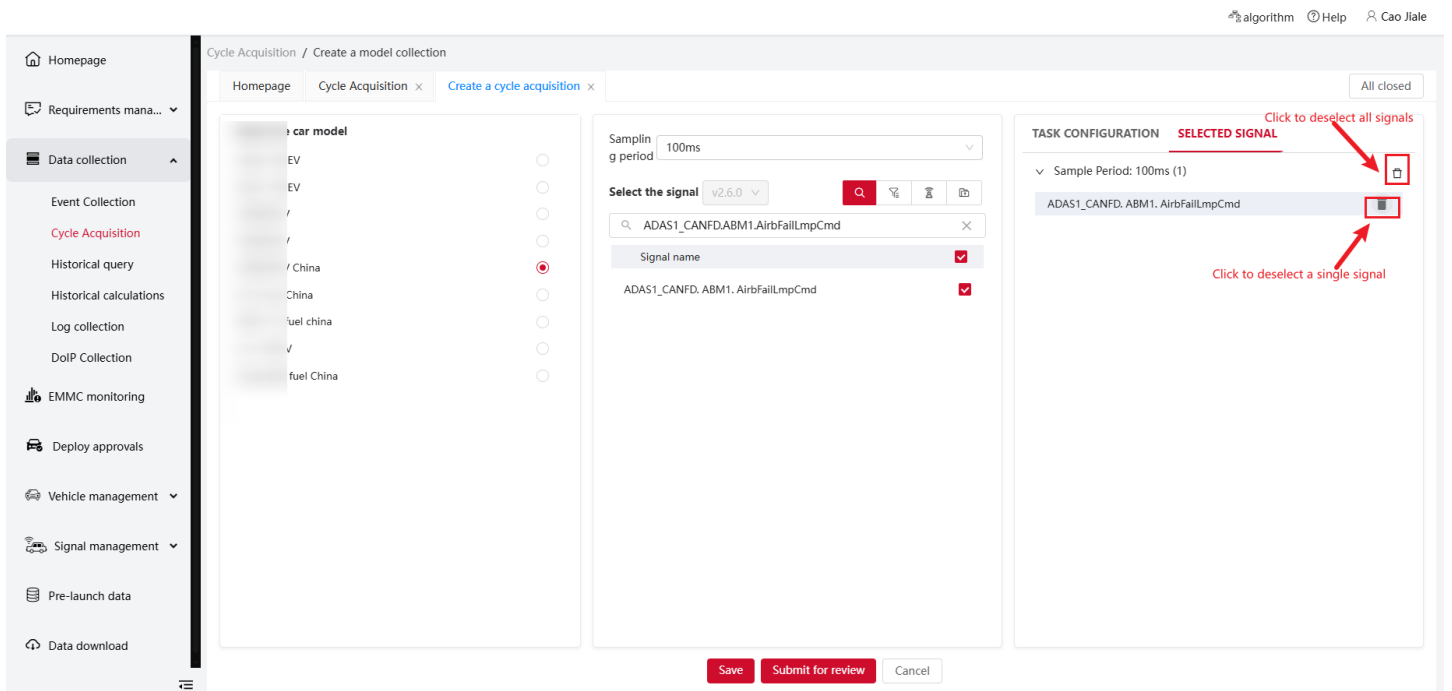


### 6.1.2.3 Task Configuration

- 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).

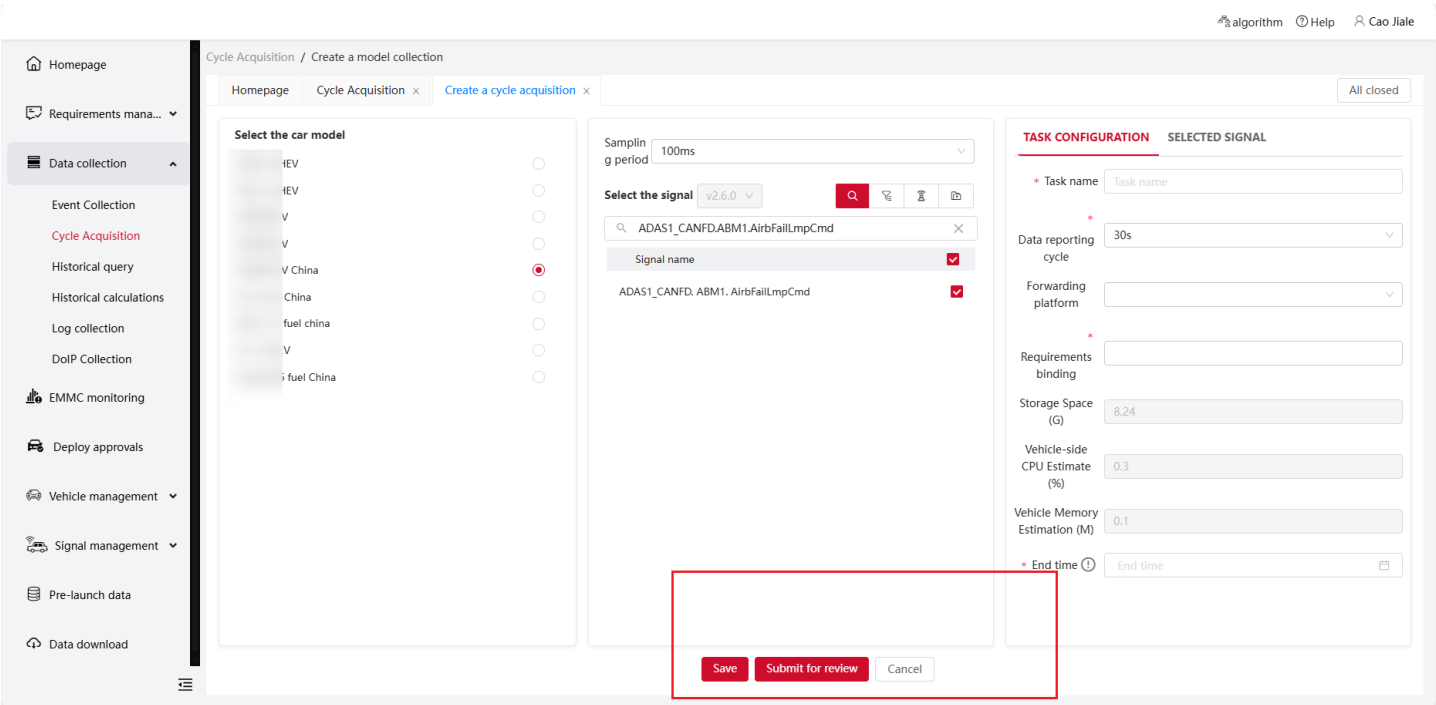


- In the "Selected Signals" list, the number of selected signals and the "Deselect All" function button are displayed on the right side.
- Hover the mouse over an entry in the "Selected Signals" list, and a "Delete" button will appear. Click it to remove the selected signal, and the corresponding checkbox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



- After 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.

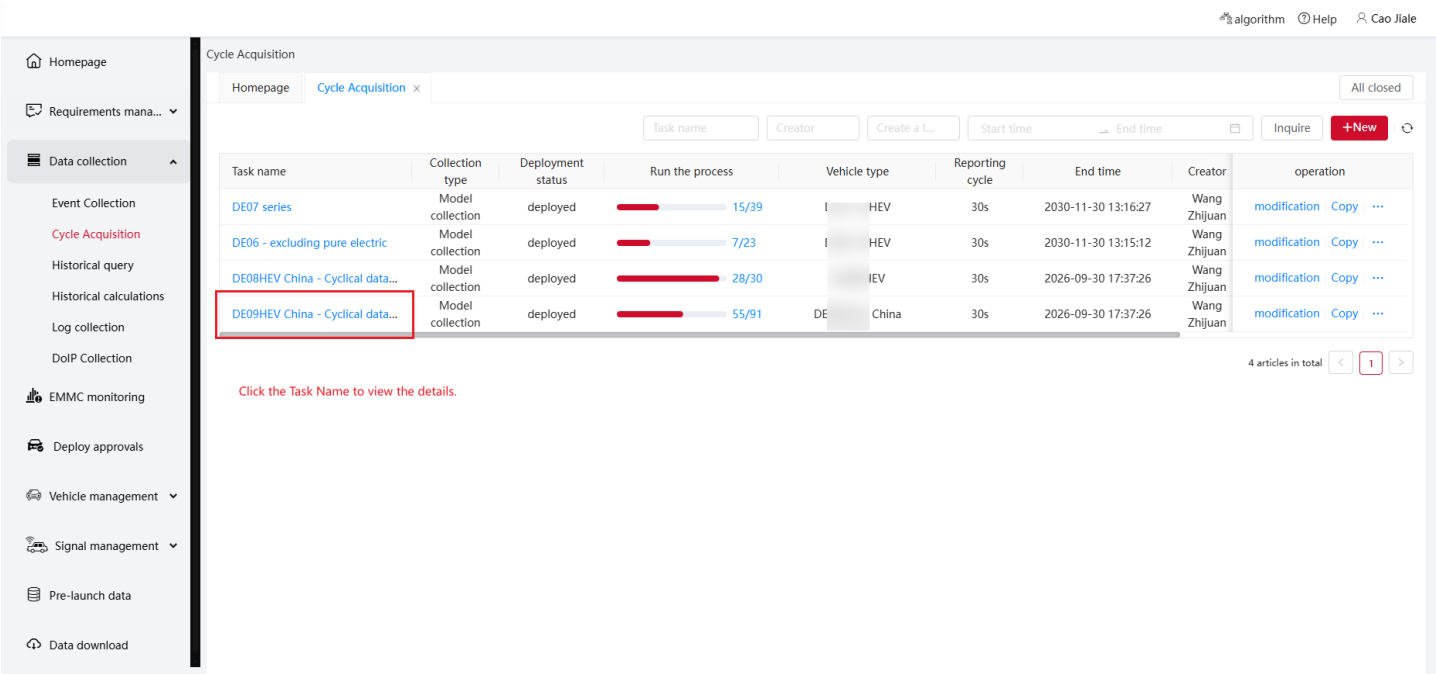
- Click Cancel to exit the collection creation page without creating this collection task.



## 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.



algorithm Help Cao Jiale

Homepage / Cycle collection details

Homepage Cycle Acquisition x Cycle collection details x All closed

Vehicles are selected 91

Vehicle VIN

Signal selected

Sample Period: 100ms (266)

BD\_CANFD\_AC\_L1\_ThermExpElectIntgrtdVlvReq

BD\_CANFD\_AC\_L1\_LowVoltSplyRlyReq

BD\_CANFD\_AC\_L1\_RfgntStopVlv3Req

Sample Period: 500ms (68)

Sampling Period: 10s (307)

Sample Period: 1s (644)

Sample Period: Raw Frequency (2377)

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.

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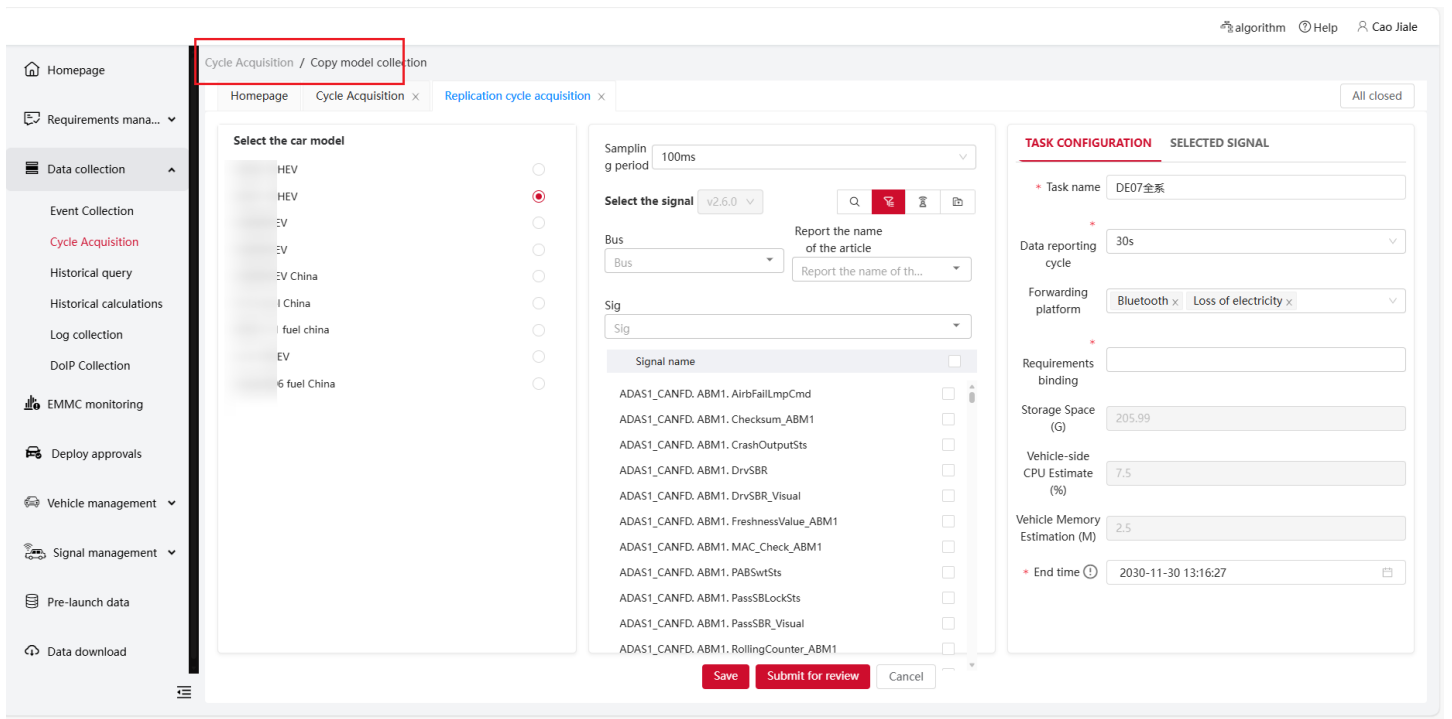
Cycle Acquisition

Homepage Cycle Acquisition x All closed

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

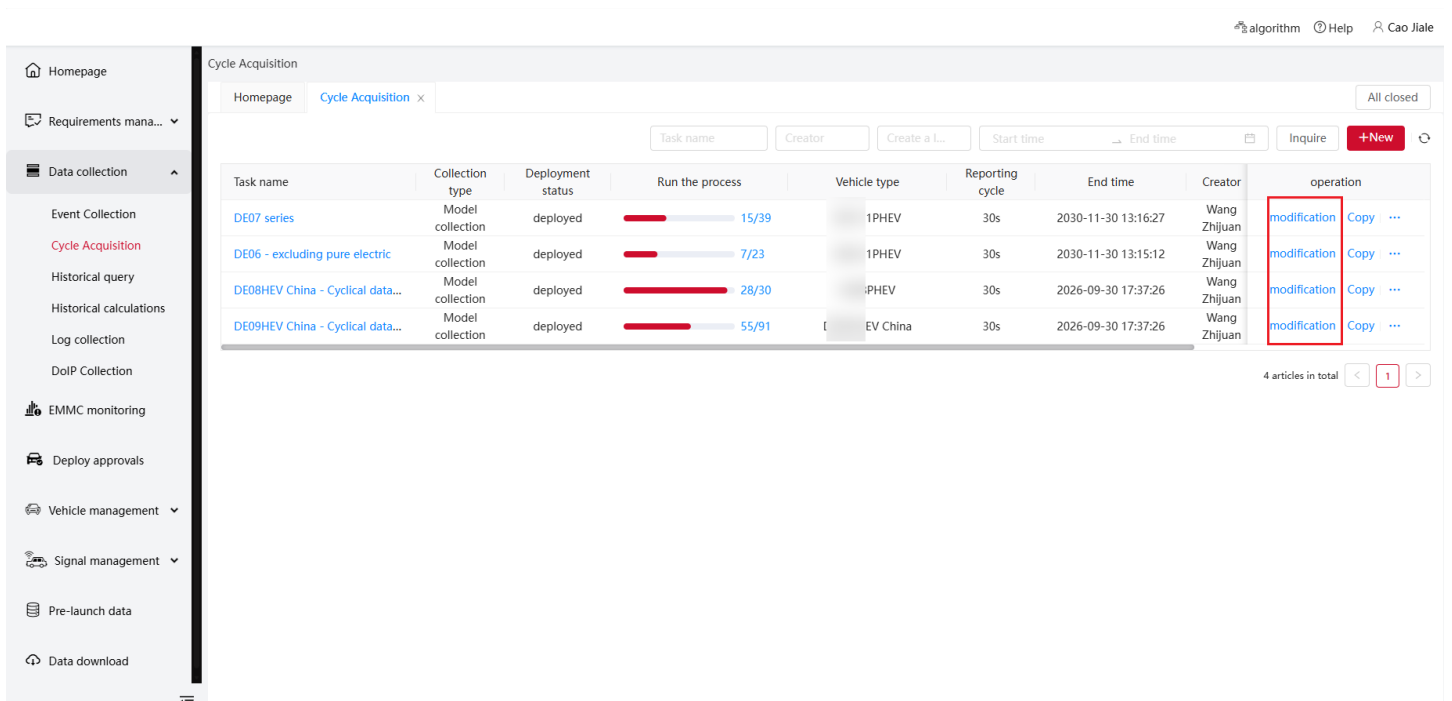
Task name	Collection type	Deployment status	Run the process	Vehicle type	Reporting cycle	End time	Creator	operation
DE07 series	Model collection	deployed	15/39	EV	30s	2030-11-30 13:16:27	Wang Zhijuan	modification Copy ...
DE06 - excluding pure electric	Model collection	deployed	7/23	EV	30s	2030-11-30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

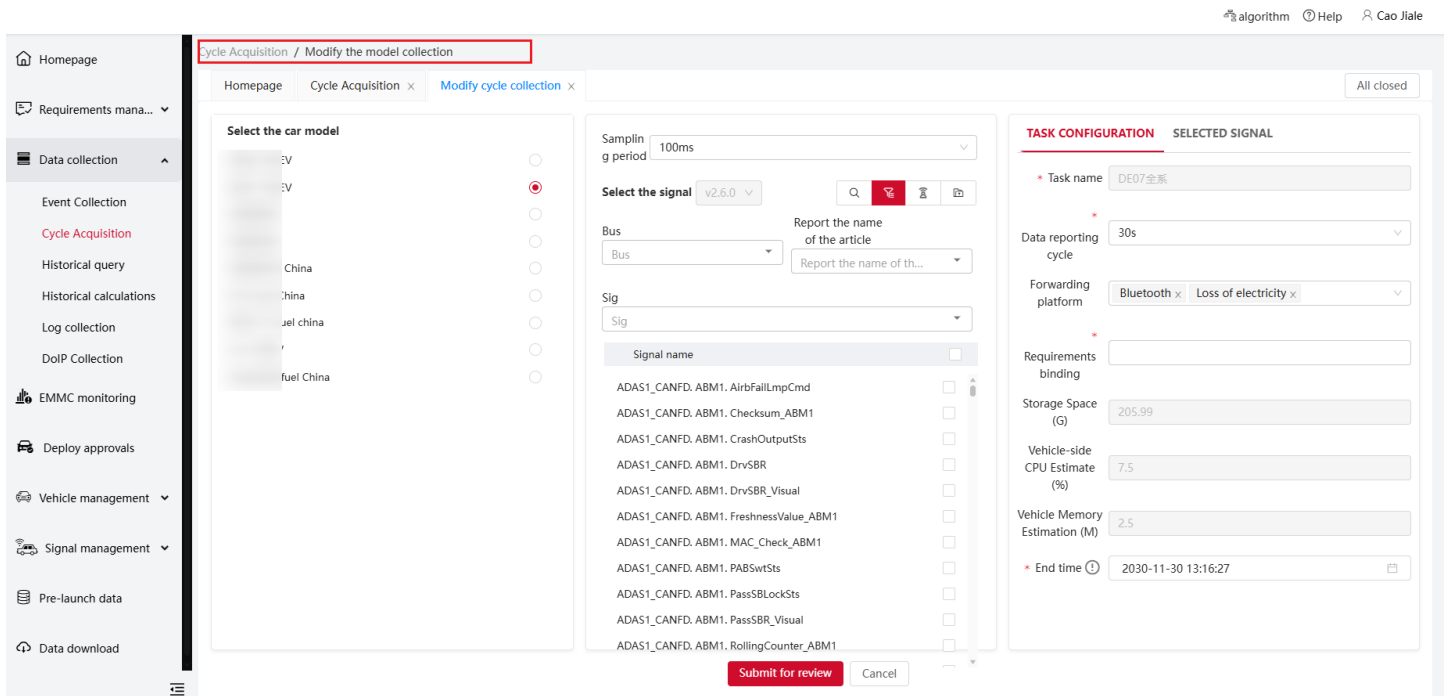
4 articles in total 1



## 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.

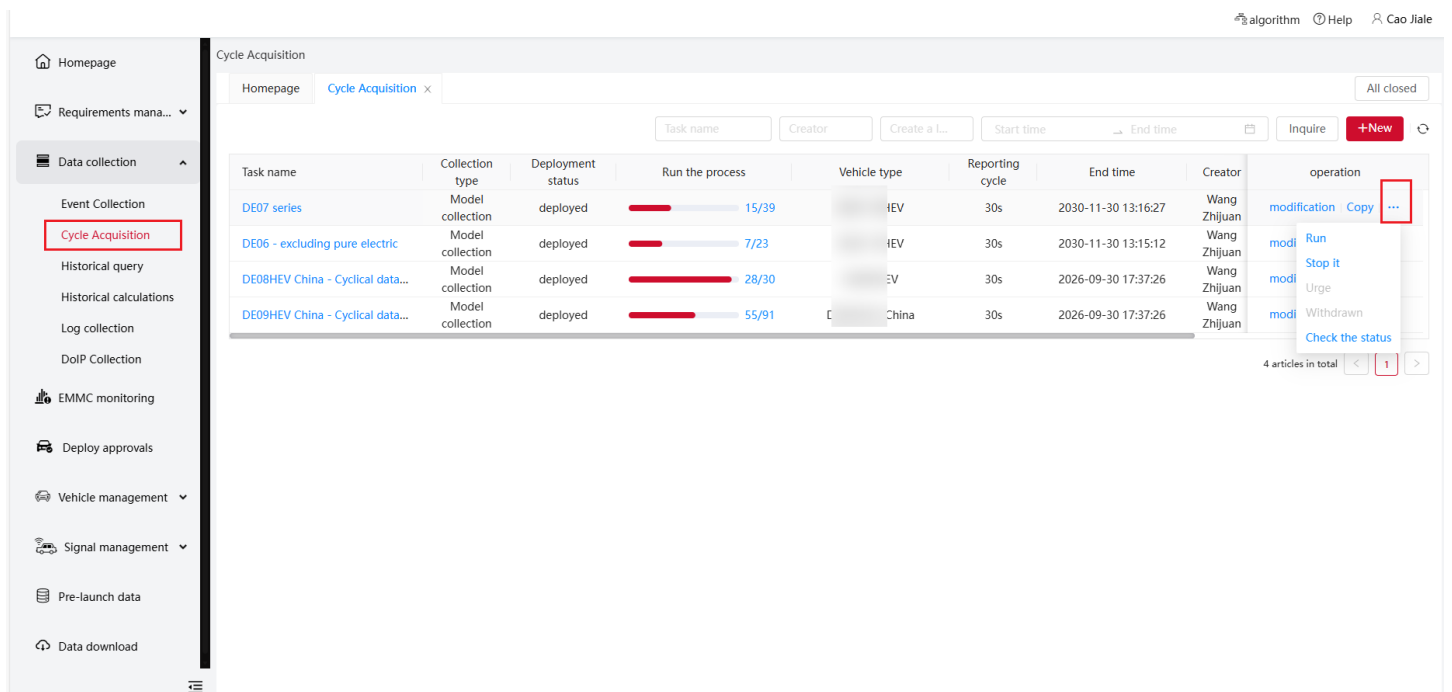




## 6.5. More Operations “...”

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.



### 6.5.1 Button Status

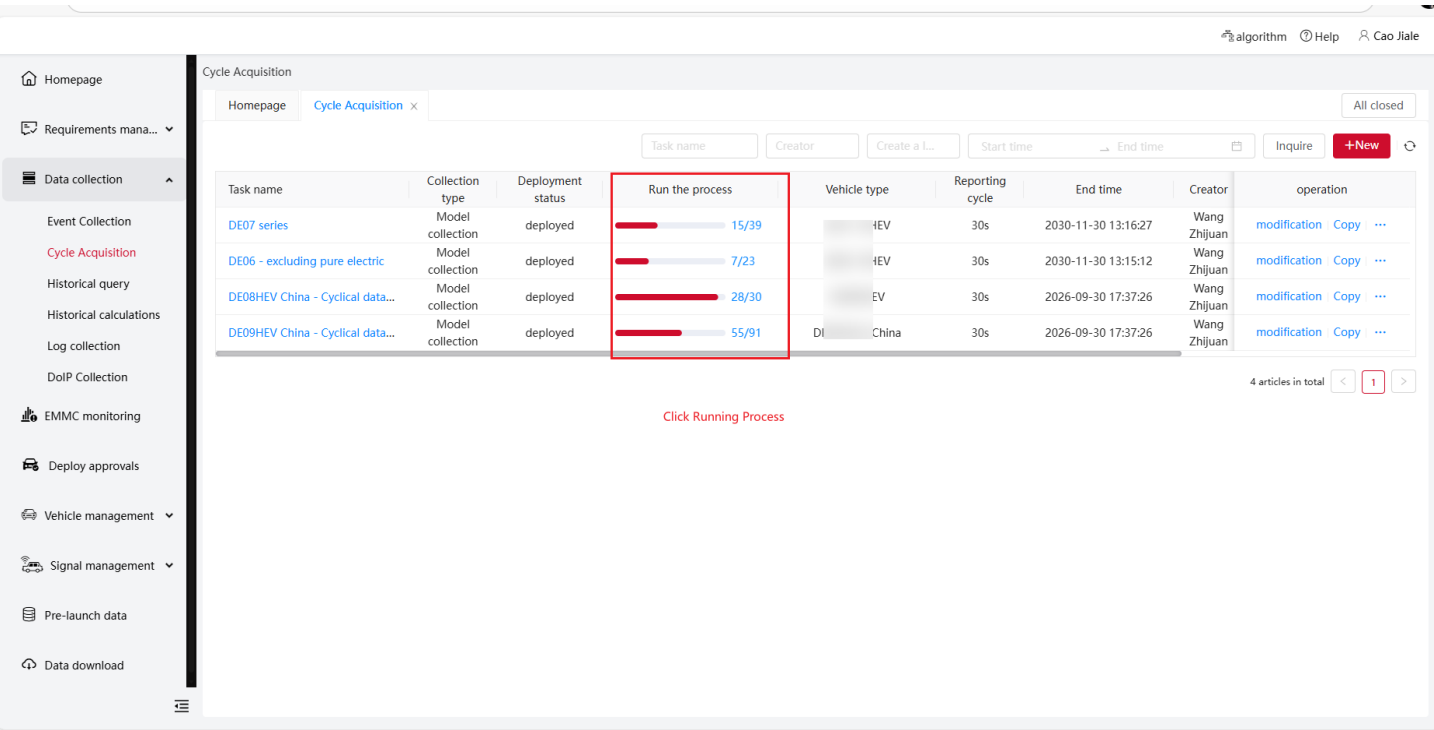
- Unsubmitted: The functions of Urge Approval, Withdraw and View Status are unclickable.



- 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.



algorithm Help Cao Jiale

Homepage / Run the process

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

Vehicles are in use Deleted vehicles WINE Deployment st... Inquire All run Stop all Batch operations

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/> IC2D5482529	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"/> LJFB231065	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"/> 77XSF000001	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"/> 77XSF000044	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"/> 779SF000006	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"/> 770SF000007	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"/> 774SF000009	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"/> 777SF000005	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"/> 770SF000036	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"/> 777SF000048	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

## 6.6.1 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.

algorithm Help Cao Jiale

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 st... Inquire All run Stop all Batch operations

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/> 5482529	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"/> 231065	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"/> :000001	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"/> :000044	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"/> :000006	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"/> :000007	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"/> :000009	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"/> :000005	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"/> :000036	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"/> :000048	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

Batch operations

Batch runs  
Tick the option to run

Batch stops  
Tick the option to stop

## 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.

The screenshot shows the 'All run' button highlighted with a red box in the top right corner of the interface. The interface includes a sidebar with navigation options like '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', and 'Data download'. The main area displays a table of vehicles with columns for 'WINE', 'Deployment status', 'Status description', 'Log details', 'Most recent execution time', and 'operation'. The table lists several vehicles with their respective deployment statuses (e.g., 'Delivery failed', 'Successful operation') and provides links for 'Download', 'Run', and 'Stop it'. A pagination bar at the bottom indicates 'There are 30 articles in total' and shows page numbers 1, 2, 3, and a 'Skip to' field.

### 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.

The screenshot shows the 'Stop all' button highlighted with a red box in the top right corner of the interface. The interface is similar to the previous one, but the 'Cycle Acquisition' tab is active, and the 'Run the process' sub-tab is selected. The table of vehicles is the same, but the 'operation' column now includes a 'Stop it' link for each vehicle. The pagination bar at the bottom indicates 'There are 30 articles in total' and shows page numbers 1, 2, 3, and a 'Skip to' field.

### 6.6.4 Operation - Run

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

algorithm Help Cao Jiale

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 st... Inquire All run Stop all Batch operations

	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.

algorithm Help Cao Jiale

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 st... Inquire All run Stop all Batch operations

	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"/>	3231065	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.

algorithm Help Cao Jiale

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 st... Inquire All run Stop all Batch operations

WINE	Deployment status	Status description	Log details	Most recent execution time	operation
<input type="checkbox"/> 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> <a href="#">Run</a> <a href="#">Stop It</a>
<input type="checkbox"/> 1FB231065	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"/> XSFO00001	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"/> XSFO00044	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"/> 9SF000006	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"/> 0SF000007	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"/> 4SF000009	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"/> 7SF000005	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"/> 0SF000036	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"/> 7SF000048	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

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.

algorithm Help Cao Jiale

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- Signal management
- Pre-launch data
- Data download

Cycle Acquisition / Run the process / Data download

Homepage Cycle Acquisition x Periodic collection of running processes x Periodically collect and download data x All closed

Packet start time WINE LGWFGAV70SF000007 Inquire Download format Batch downloads

VIN number	Data type	File path	Data status	matrix version	Data start time	Data	operation
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:27:00	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:26:30	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:26:00	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:25:30	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:25:00	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:24:30	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:24:00	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:23:30	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:23:00	2025-1	<a href="#">Download</a>
<input type="checkbox"/> L /70SF000007	vsw	<a href="#">View</a>	Success	v2.5.0	2025-12-15 17:22:30	2025-1	<a href="#">Download</a>

0 Items have been selected

A total of 14,896 articles < 1 2 3 4 5 ... 1490 > Skip to page

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' interface. On the left is a sidebar with navigation options like 'Event Collection', 'Cycle Acquisition', 'Historical query', etc. The main area displays a table with columns: VIN number, Data type, File path, Data status, matrix version, Data start time, and Data end time. A dropdown menu for 'Download format' is open, showing options: 'bif', 'asc', 'csv', 'MDF', and 'Original f...'. A 'Batch downloads' button is visible in the top right. Below the table, it says '0 Items have been selected' and 'A total of 14,896 articles'.

This screenshot shows the same 'Data download' interface, but with a 'Select Signal Download' dialog box open. The dialog has a search bar and a list of signal names. One signal, 'SC\_CANFD.AC1.ACOperMod', is selected and shown in the 'Selected signal' field. Red arrows point to the search bar and the selected signal. At the bottom of the dialog are 'Cancel' and 'Confirm' buttons. The background table and sidebar are dimmed.

## 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.

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Data download

Historical query collection

HomepageHistorical collection

All closed

Task nameCreatorCreate a L...Start timeEnd timeInquireNew

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	1/1	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modificationCopyRun
history_20251215_164846	deployed	0/1	EV China	2025-12-15 15:28:00	2025-12-15 16:46:30	Yes	Wu Wanjiang	exdw	modificationCopyRun
33	deployed	1/1	EV China	2025-12-15 11:00:00	2025-12-15 12:00:00	Yes	Huo Qiangqiang	GW002	modificationCopyRun
history_20251215_162354	deployed	0/1	EV China	2025-12-15 15:03:00	2025-12-15 16:21:30	Yes	Wu Wanjiang	exdw	modificationCopyRun
LGWFGVA88SF000021AUT...	deployed	1/1	EV China	2025-12-15 15:00:00	2025-12-15 15:30:00	Yes	Yang Li	GW003	modificationCopyRun
history_20251215_161214	deployed	0/1	EV China	2025-12-15 14:51:30	2025-12-15 16:10:00	Yes	Wu Wanjiang	exdw	modificationCopyRun
Increase analysis signals	deployed	1/1	EV China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modificationCopyRun
zkt_his-20251215-v4	deployed	0/1	EV China	2025-12-15 13:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdz	modificationCopyRun
zkt_his-20251215-v3	deployed	0/1	EV China	2025-12-15 14:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdz	modificationCopyRun
history_20251215_153851	deployed	0/1	EV China	2025-12-15 14:18:00	2025-12-15 15:36:30	Yes	Wu Wanjiang	exdw	modificationCopyRun

A total of 394 articles12345...40Skip topage

## 7.1 Create Collectionn

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

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Log collection

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Deploy approvals

Vehicle management

Signal management

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Historical query collection

HomepageHistorical collection

All closed

Task nameCreatorCreate a L...Start timeEnd timeInquireNew

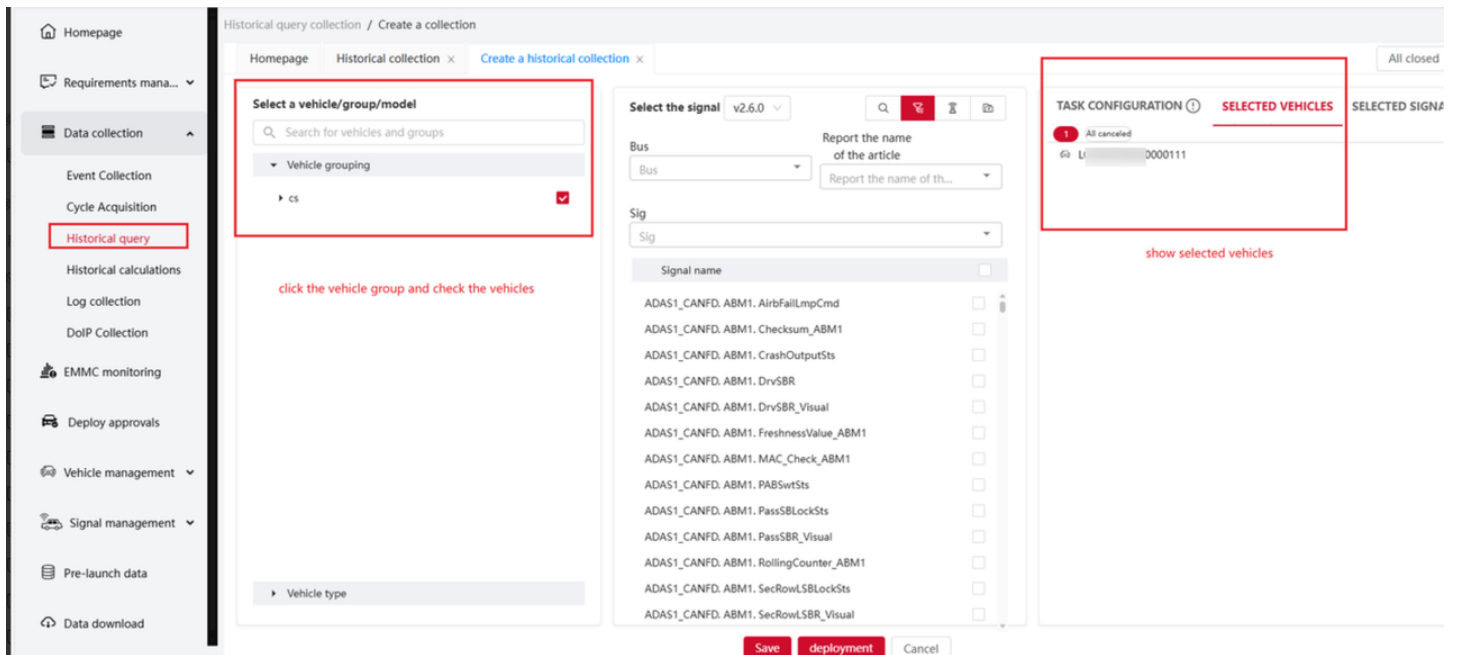
Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
BCM10E2E	deployed	1/1	China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modificationCopyRun
history_20251215_164846	deployed	0/1	China	2025-12-15 15:28:00	2025-12-15 16:46:30	Yes	Wu Wanjiang	exdw	modificationCopyRun
33	deployed	1/1	China	2025-12-15 11:00:00	2025-12-15 12:00:00	Yes	Huo Qiangqiang	GW002	modificationCopyRun
history_20251215_162354	deployed	0/1	China	2025-12-15 15:03:00	2025-12-15 16:21:30	Yes	Wu Wanjiang	exdw	modificationCopyRun
LGWFGVA88SF000021AUT...	deployed	1/1	China	2025-12-15 15:00:00	2025-12-15 15:30:00	Yes	Yang Li	GW003	modificationCopyRun
history_20251215_161214	deployed	0/1	China	2025-12-15 14:51:30	2025-12-15 16:10:00	Yes	Wu Wanjiang	exdw	modificationCopyRun
Increase analysis signals	deployed	1/1	China	2025-12-14 19:30:00	2025-12-14 20:30:00	Yes	Liu Peng	GW002	modificationCopyRun
zkt_his-20251215-v4	deployed	0/1	China	2025-12-15 13:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdz	modificationCopyRun
zkt_his-20251215-v3	deployed	0/1	China	2025-12-15 14:00:00	2025-12-15 15:00:00	Yes	Zheng Kaifeng	exdz	modificationCopyRun
history_20251215_153851	deployed	0/1	China	2025-12-15 14:18:00	2025-12-15 15:36:30	Yes	Wu Wanjiang	exdw	modificationCopyRun

A total of 394 articles12345...40Skip topage

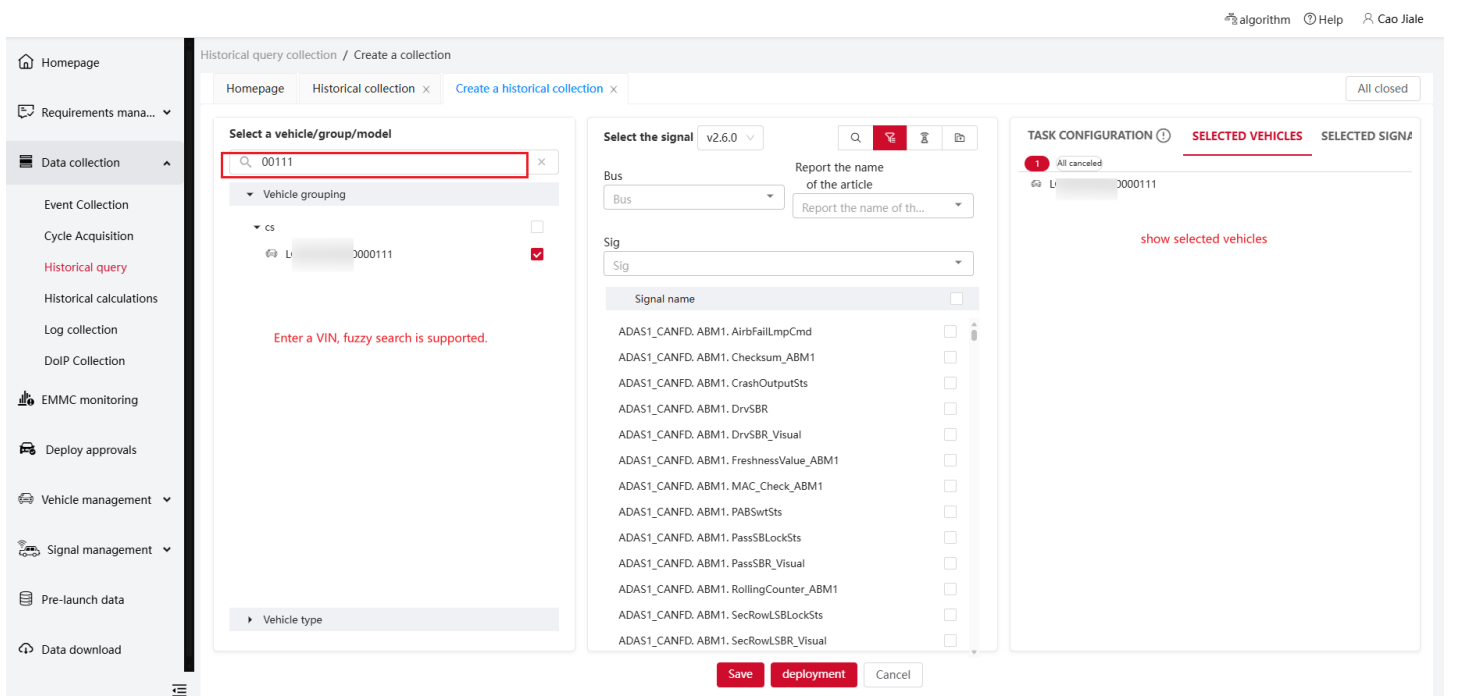
### 7.1.1 Configure Vehicle Selection

- 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.

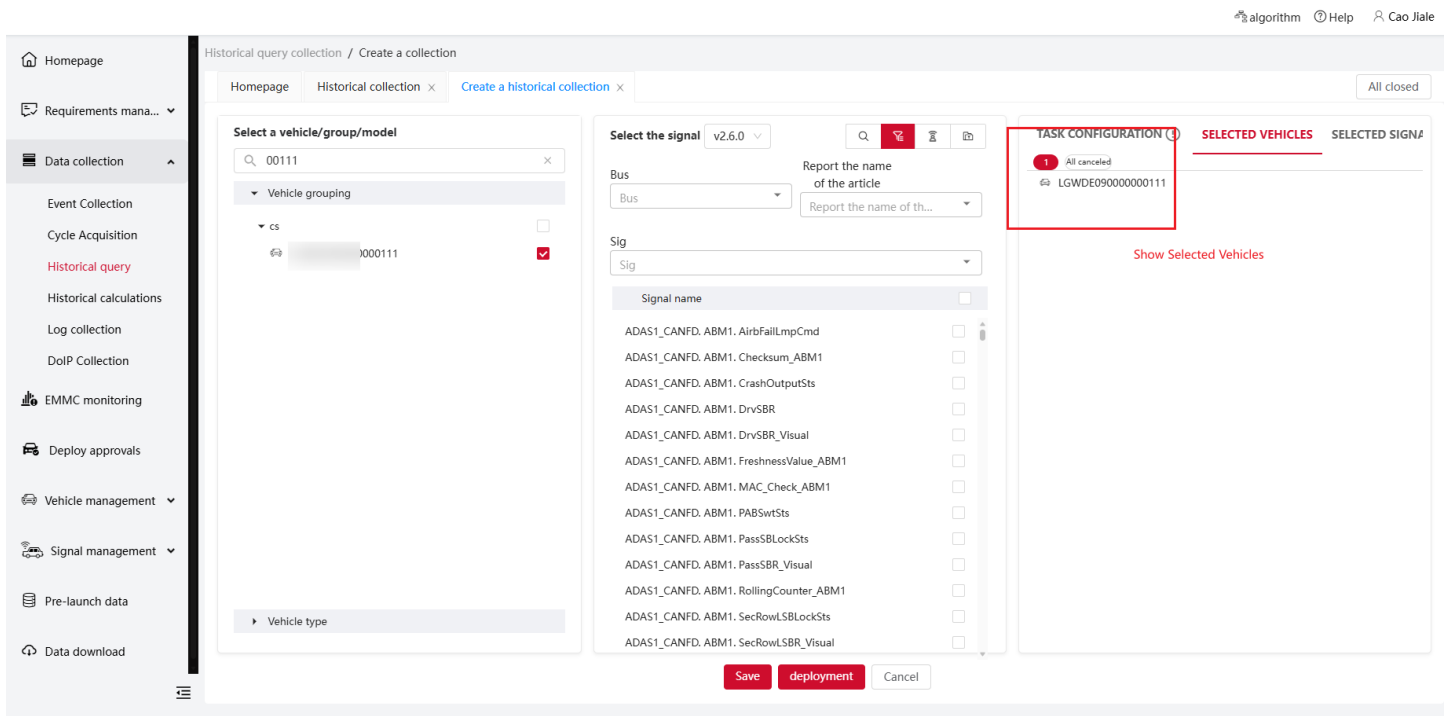




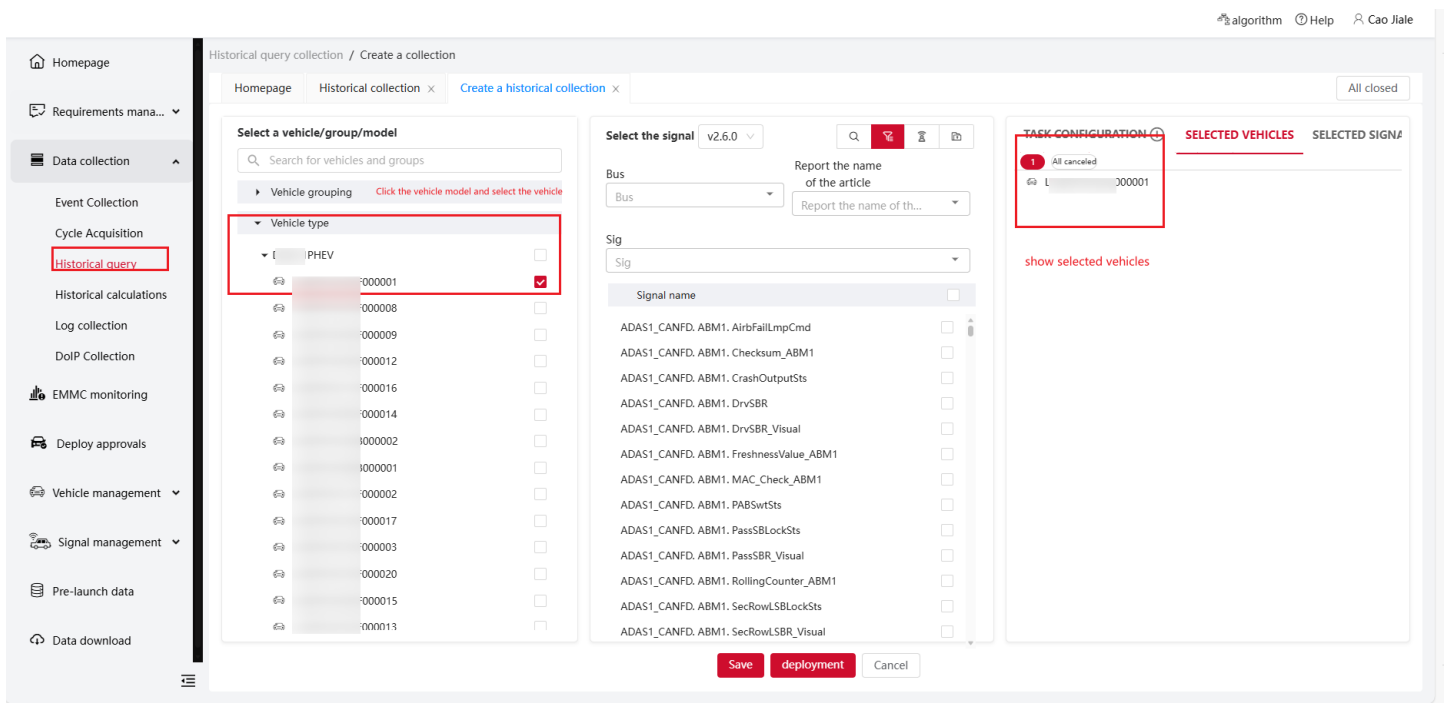
- Click the "Select Vehicles and Groups" search box, enter the VIN or group name. The relevant vehicles/groups will be displayed in the list below, with fuzzy search supported.



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

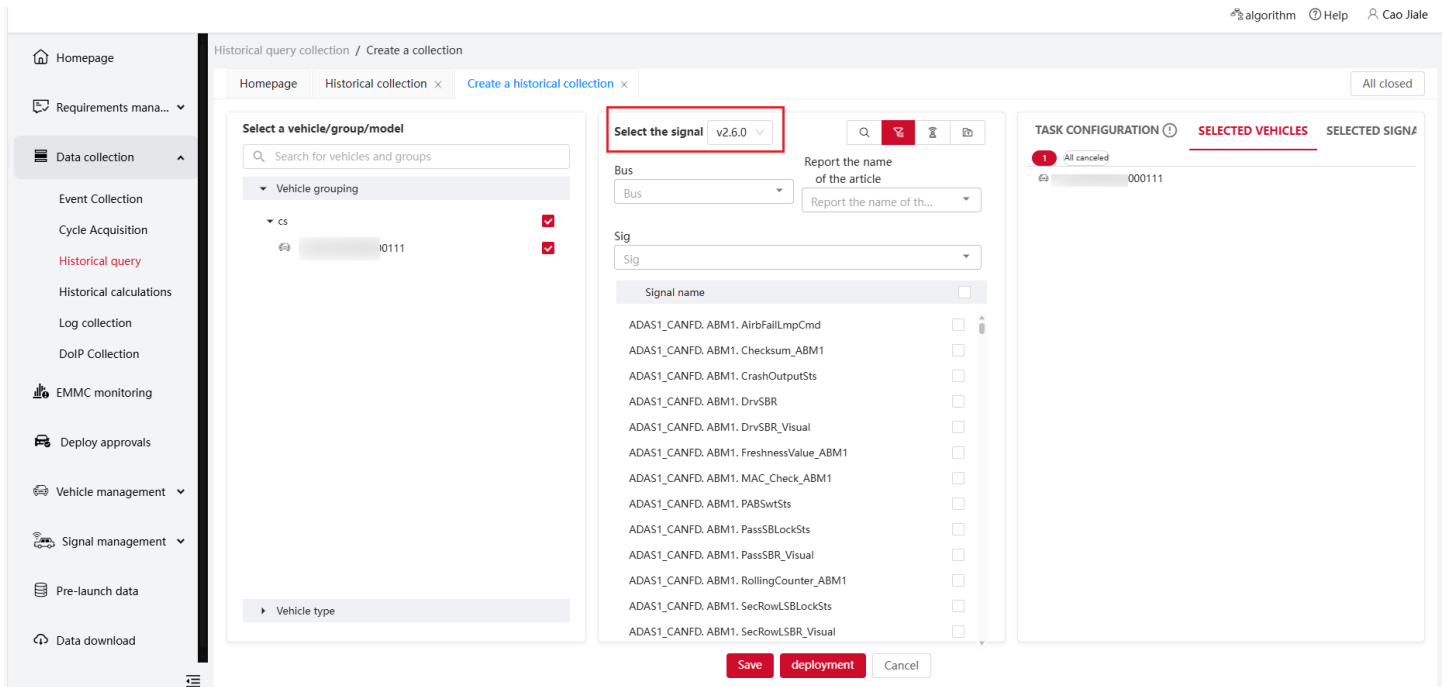


- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box next to that model.

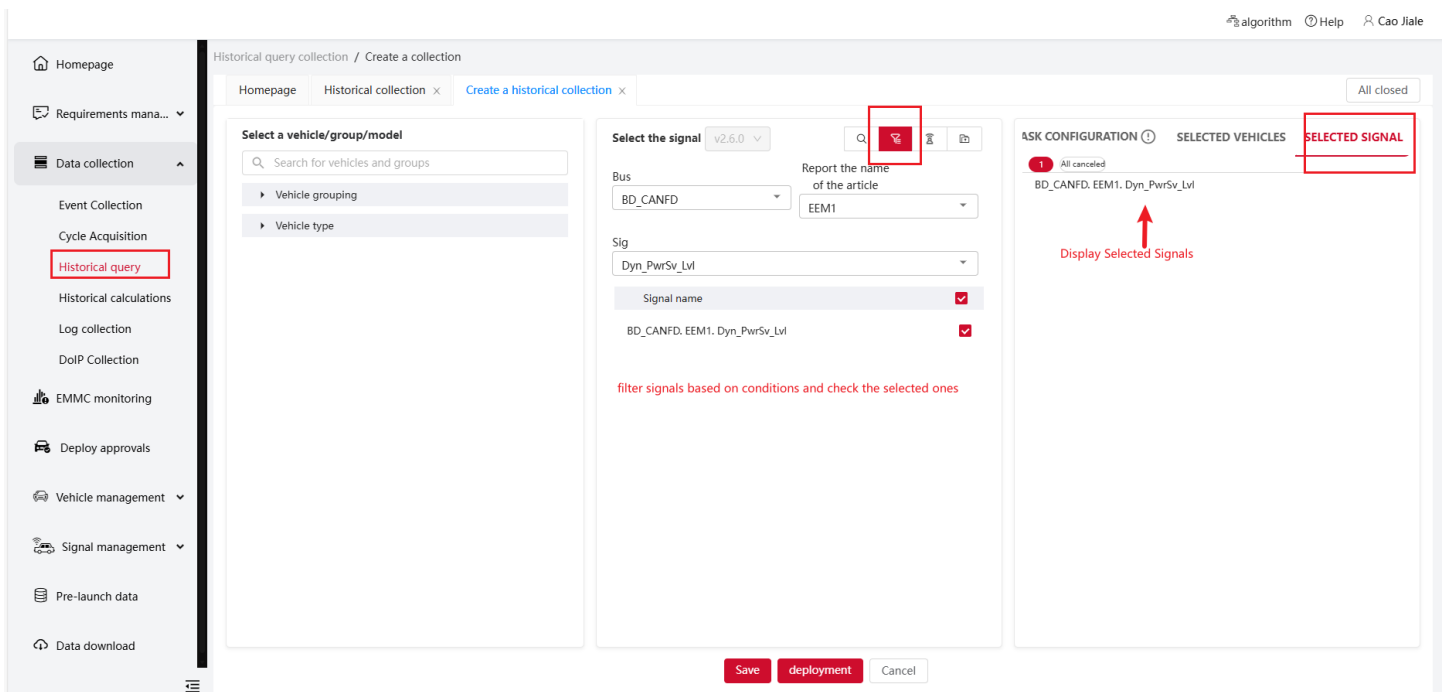


## 7.1.2 Configure Selected Signals

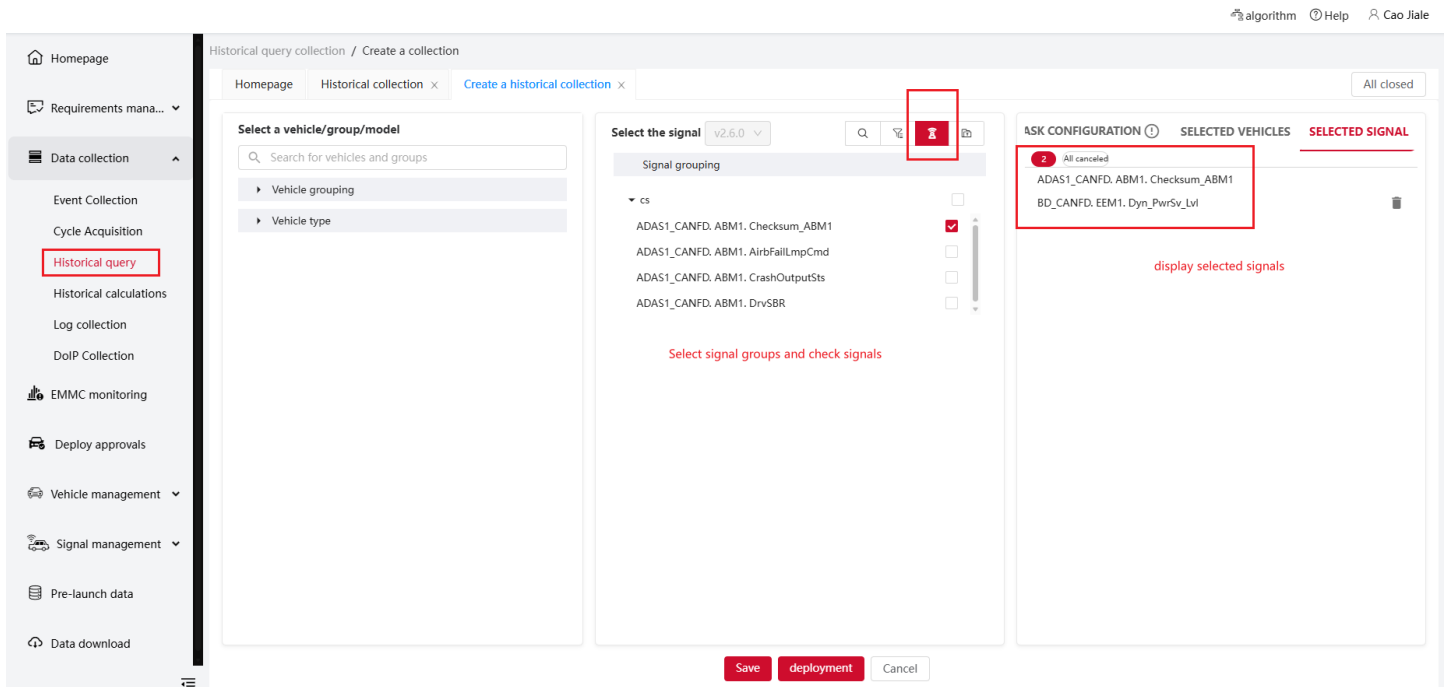
After selecting a signal, the "Signal Version" selection box will be displayed. Click the drop-down menu to expand the list of released signal versions. Selecting different signal versions allows you to collect signals corresponding to the selected version (which must be consistent with the version of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



- 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.

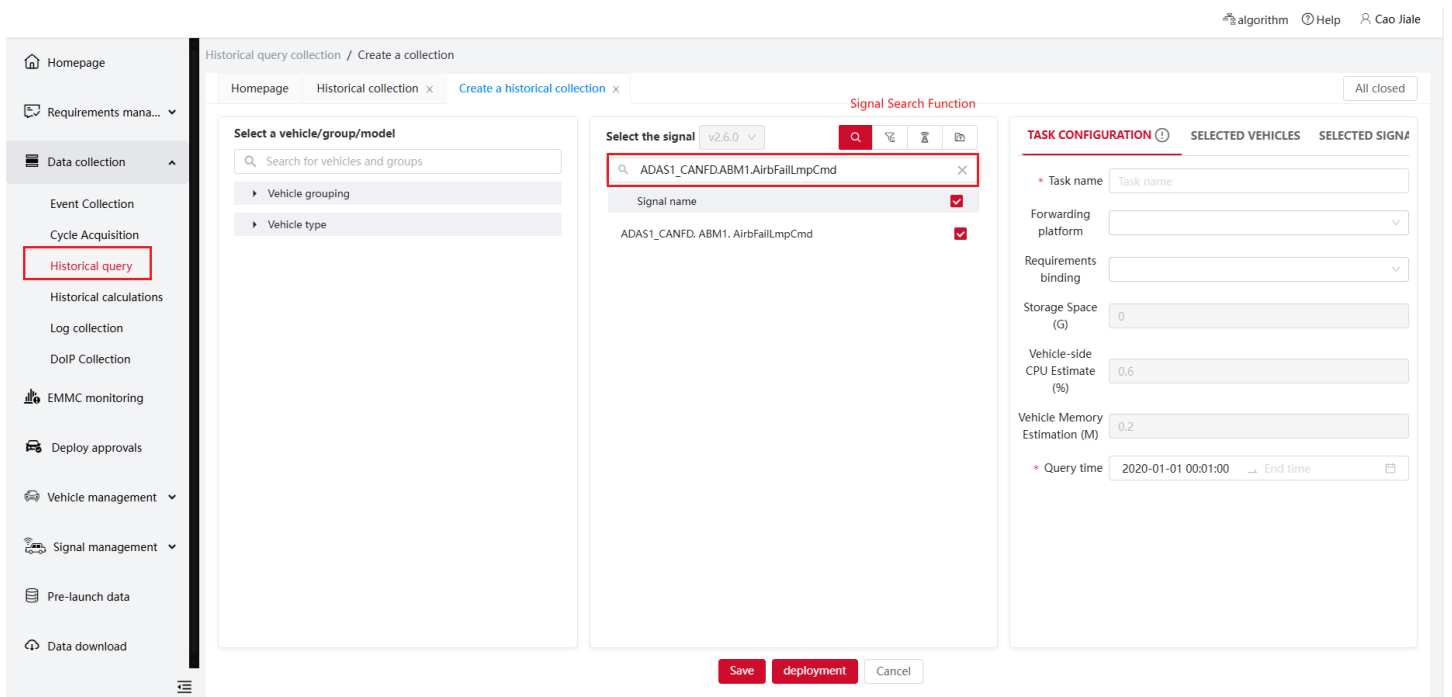


- Click "Signal Grouping" to select signals.
- Click the signal "checkbox" to select a specific signal; click the "Signal Group Name" checkbox to select all signals.
- "Selected Signals" displays the checked signals.

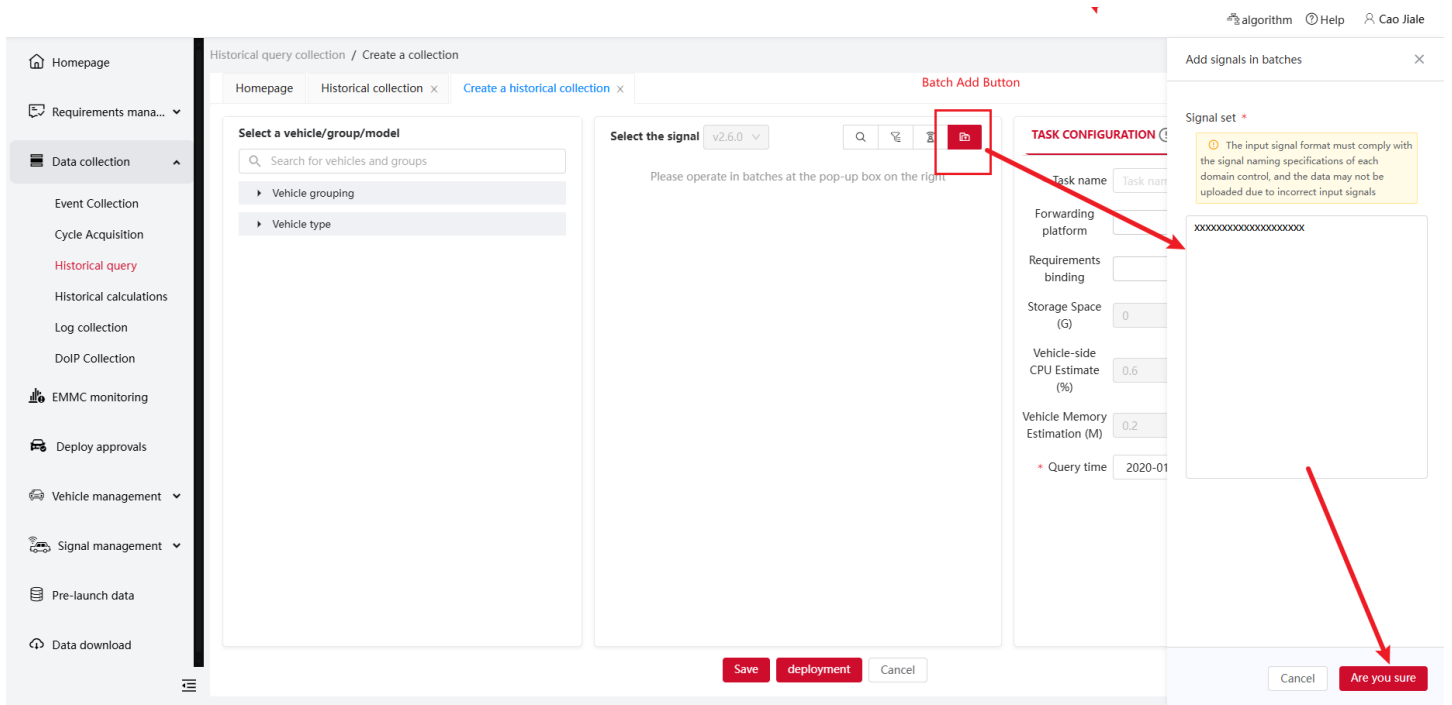


Click the "Search Signals by Signal Name" icon to switch to the corresponding function.

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

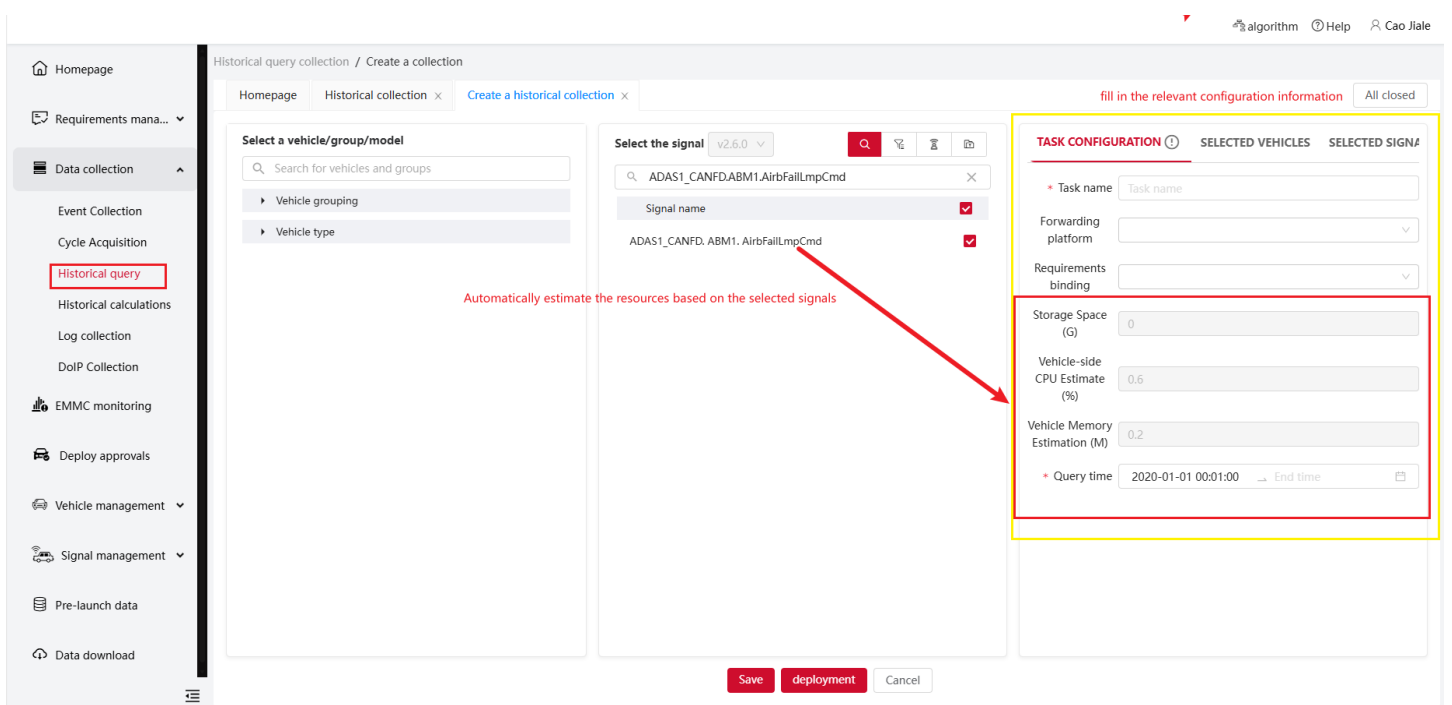


- Click the "Batch Add" icon to open the batch add interface.
- Enter signals separated by commas in the input box, then click "OK" to add signals in batches.

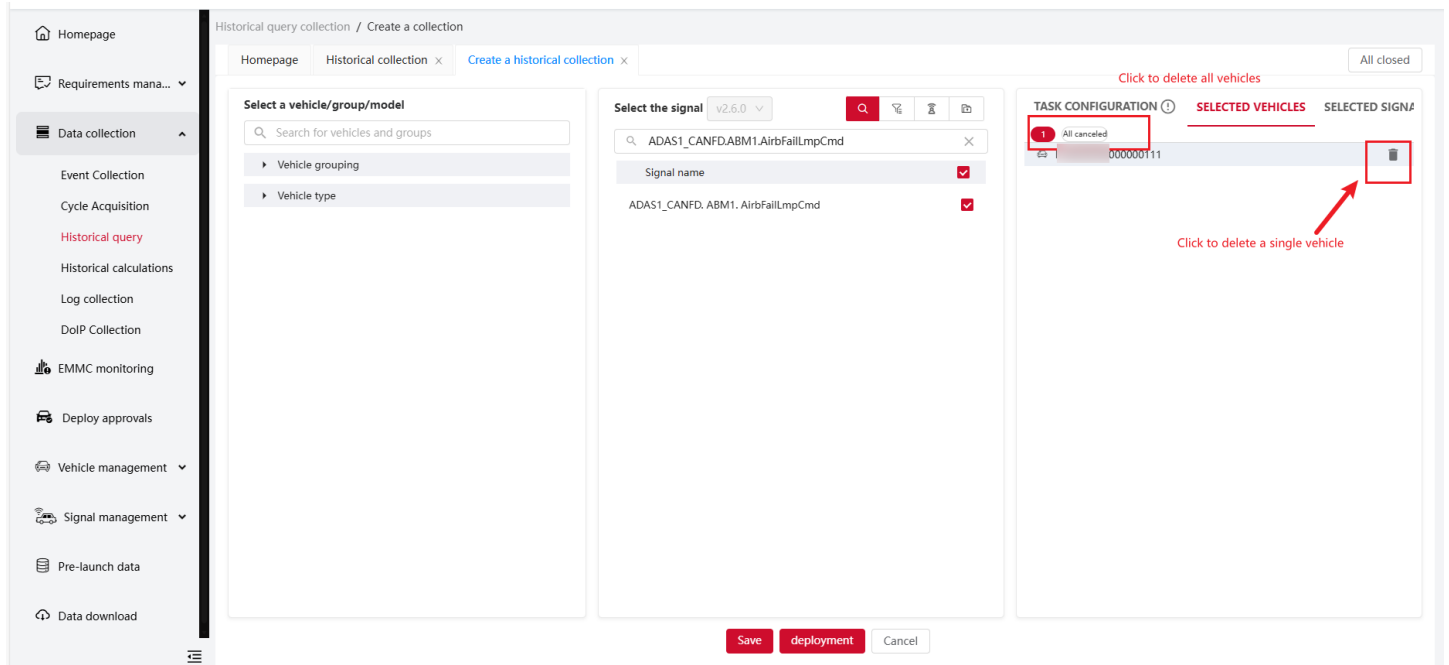


### 7.1.3 Task Configuration

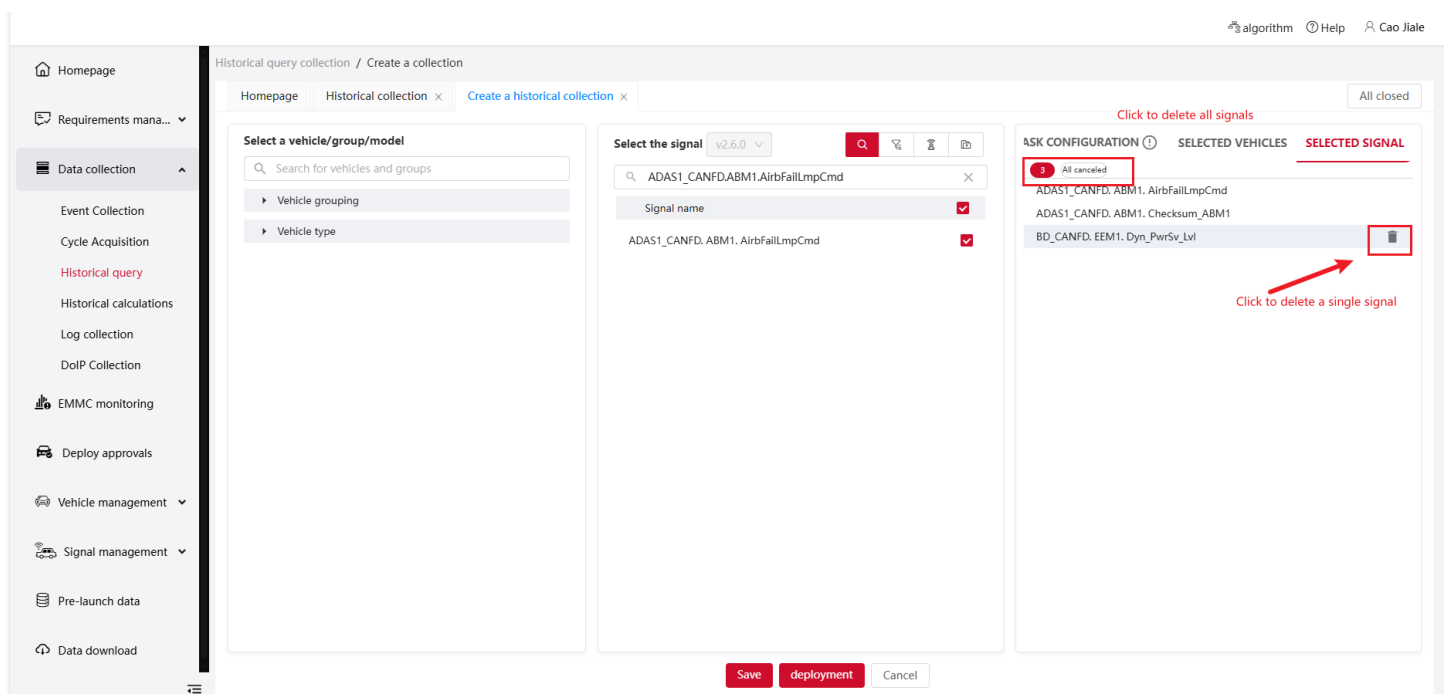
- Click the "Task Name" input box and enter the task name. It supports Chinese characters, numbers, letters, hyphens and underscores. Task names for data collection cannot be duplicated.
- Click the "Forwarding Platform" selection box to select forwarding platforms. Multiple selections are supported 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.



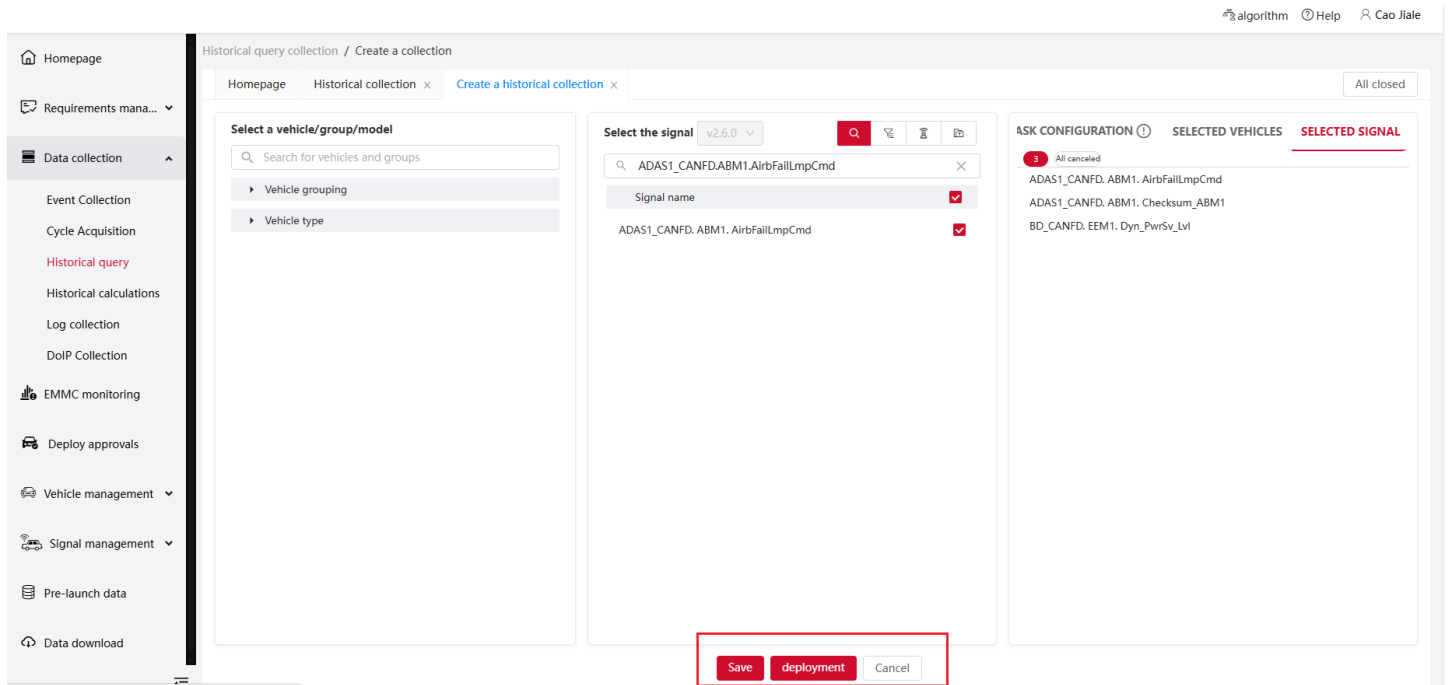
- The "Selected Vehicles" list displays the number of selected vehicles and the "Deselect All" function button on the right side.
- Hover the mouse over an entry in the "Selected Vehicles" list, and a "Delete" button will appear. Click it to remove the selected vehicle, and the corresponding checkbox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



- 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.



- 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.



## 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.



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.

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Historical query collection

Homepage Historical collection x All closed

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	There is no data	Creator	Create a	operation
H-DE09-VIN277-PKETrunk1	deployed	1/1	EV China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification
1215_1	deployed	0/1	EV China	2025-12-15 18:00:00	2025-12-15 19:00:00	None	Ren Miao	10001	modification
Buried point test	deployed	1/1	EV China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW000	modification
history_20251216_5	deployed	0/1	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification
history_20251216_4	deployed	0/1	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification
history_20251216_3	deployed	0/1	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification
history_20251216_2	deployed	0/1	EV China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification
history_20251216_1	deployed	0/1	EV China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification
H-DE09-VIN033-Lock3	deployed	1/1	EV China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zihao	GW002	modification
H-DE09-VIN033-Lock2	deployed	1/1	EV China	2025-12-15 11:00:00	2025-12-15 11:30:00	Yes	Gao Zihao	GW002	modification

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- Data download

Historical query collection / Copy collection

Homepage Historical collection x Copy history collection x All closed

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

Report the name of th...

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. PABSwSts
- ADAS1\_CANFD. ABM1. PassSBLockSts
- ADAS1\_CANFD. ABM1. PassSBR\_Visual
- ADAS1\_CANFD. ABM1. RollingCounter\_ABM1
- ADAS1\_CANFD. ABM1. SecRowLSBLockSts
- ADAS1\_CANFD. ABM1. SecRowLSBR\_Visual

Save deployment Cancel

TASK CONFIGURATION

SELECTED VEHICLES

SELECTED SIGNA

\* 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

## 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.

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Historical query collection

HomepageHistorical collection xHistorical collection of running processes xHistorical calculations x

Task nameCreatorCreate a L...Start timeEnd timeInquire+New

Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
LGWFGVA885F000021 Ele...	deployed	1/1	China	2025-12-16 11:00:00	2025-12-16 11:32:00	Yes	Yang Li	GW003	modification Cop y Ru n
history_20251216_6	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
H-DE09-VIN277-PKETrunk1	deployed	1/1	China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification Cop y Ru n
1215_1	deployed	1/1	China	2025-12-15 18:00:00	2025-12-15 19:00:00	Yes	Ren Miao	10001	modification Cop y Ru n
Buried point test	deployed	1/1	China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW000	modification Cop y Ru n
history_20251216_5	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_4	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_3	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_2	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_1	deployed	0/1	China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n

There are 420 articles in total12345...42Skip topage

# 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.

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Historical calculations

Log collection

DolP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

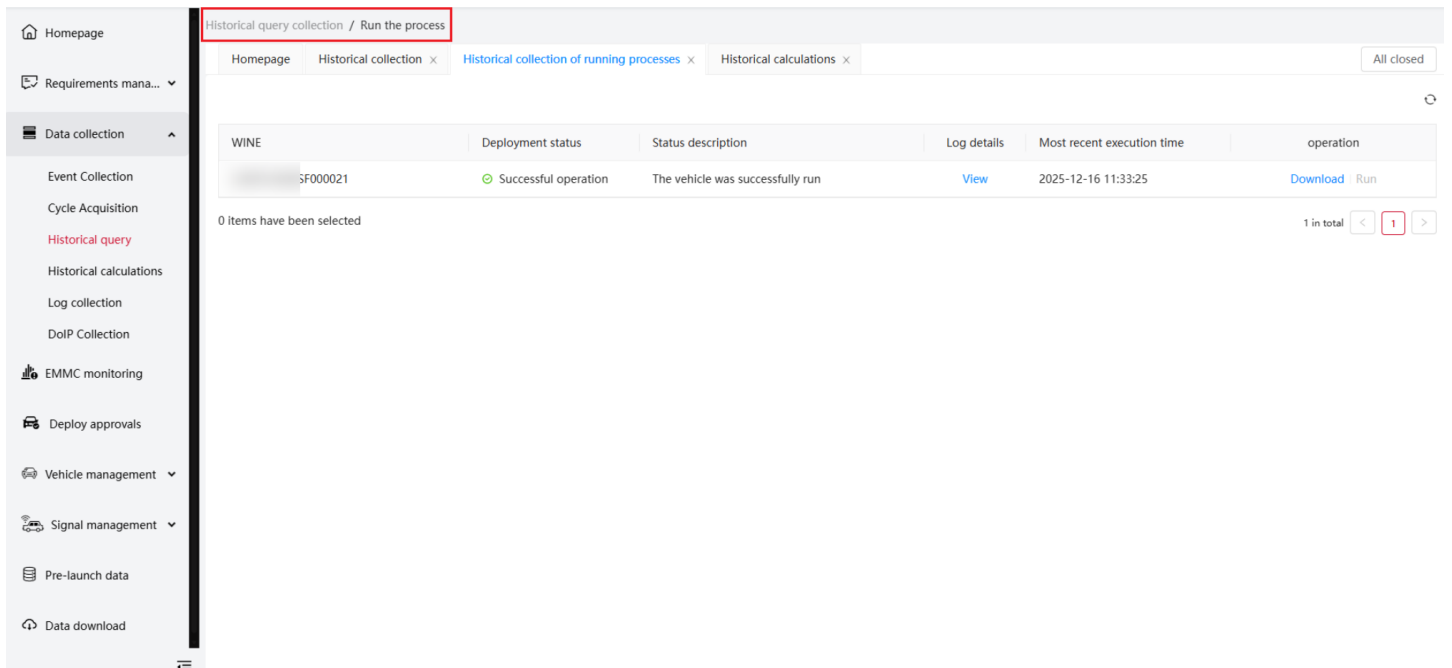
Historical query collection

HomepageHistorical collection xHistorical collection of running processes xHistorical calculations x

Task nameCreatorCreate a L...Start timeEnd timeInquire+New

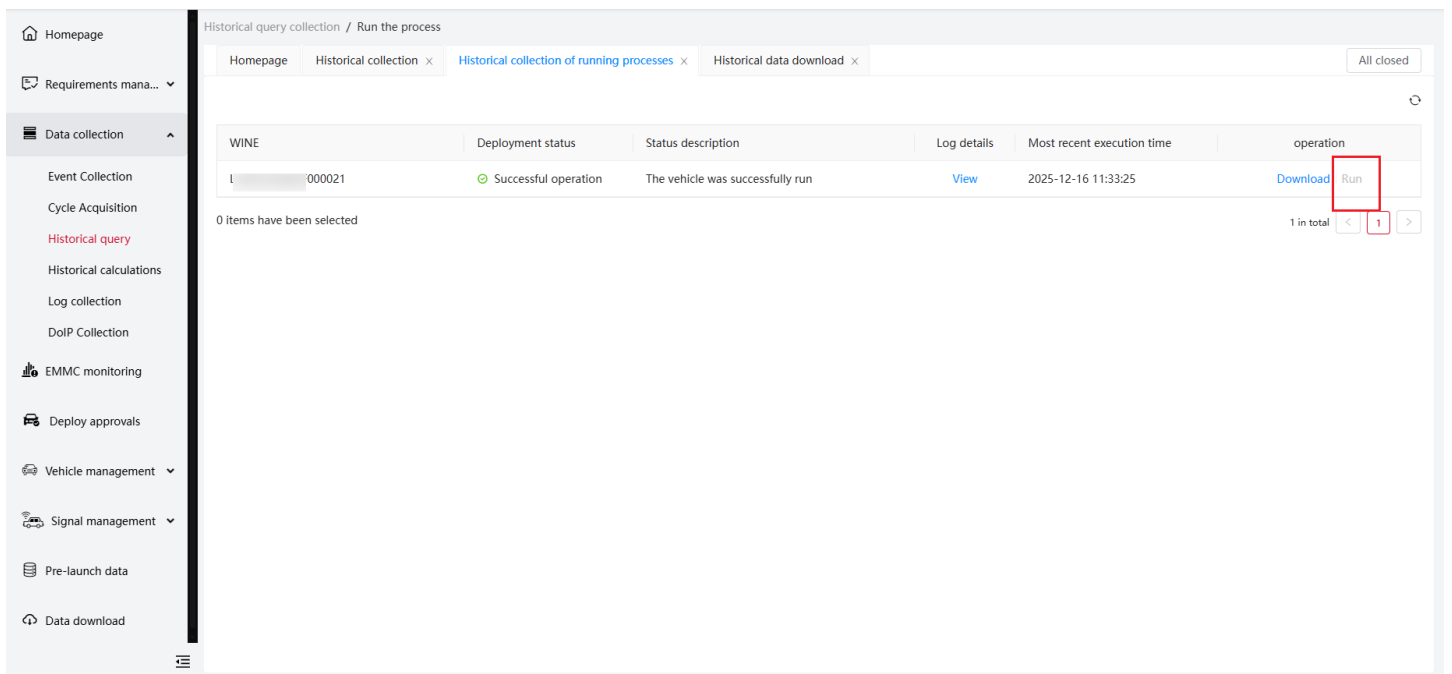
Task name	Deployment status	Run the process	Vehicle type	Query start time	Query end time	There is no data	Creator	Create a	operation
LGWFGVA885F000021 Ele...	deployed	1/1	China	2025-12-16 11:00:00	2025-12-16 11:32:00	Yes	Yang Li	GW003	modification Cop y Ru n
history_20251216_6	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
H-DE09-VIN277-PKETrunk1	deployed	1/1	China	2025-12-15 13:00:00	2025-12-15 13:10:00	Yes	Gao Zihao	GW002	modification Cop y Ru n
1215_1	deployed	1/1	China	2025-12-15 18:00:00	2025-12-15 19:00:00	Yes	Ren Miao	10001	modification Cop y Ru n
Buried point test	deployed	1/1	China	2025-12-15 12:14:30	2025-12-15 13:12:03	None	Wang Jian	GW000	modification Cop y Ru n
history_20251216_5	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_4	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_3	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_2	deployed	0/1	China	2025-12-16 06:01:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n
history_20251216_1	deployed	0/1	China	2025-12-16 06:00:00	2025-12-16 10:00:00	Yes	Wu Wanjing	exdw	modification Cop y Ru n

There are 420 articles in total12345...42Skip topage



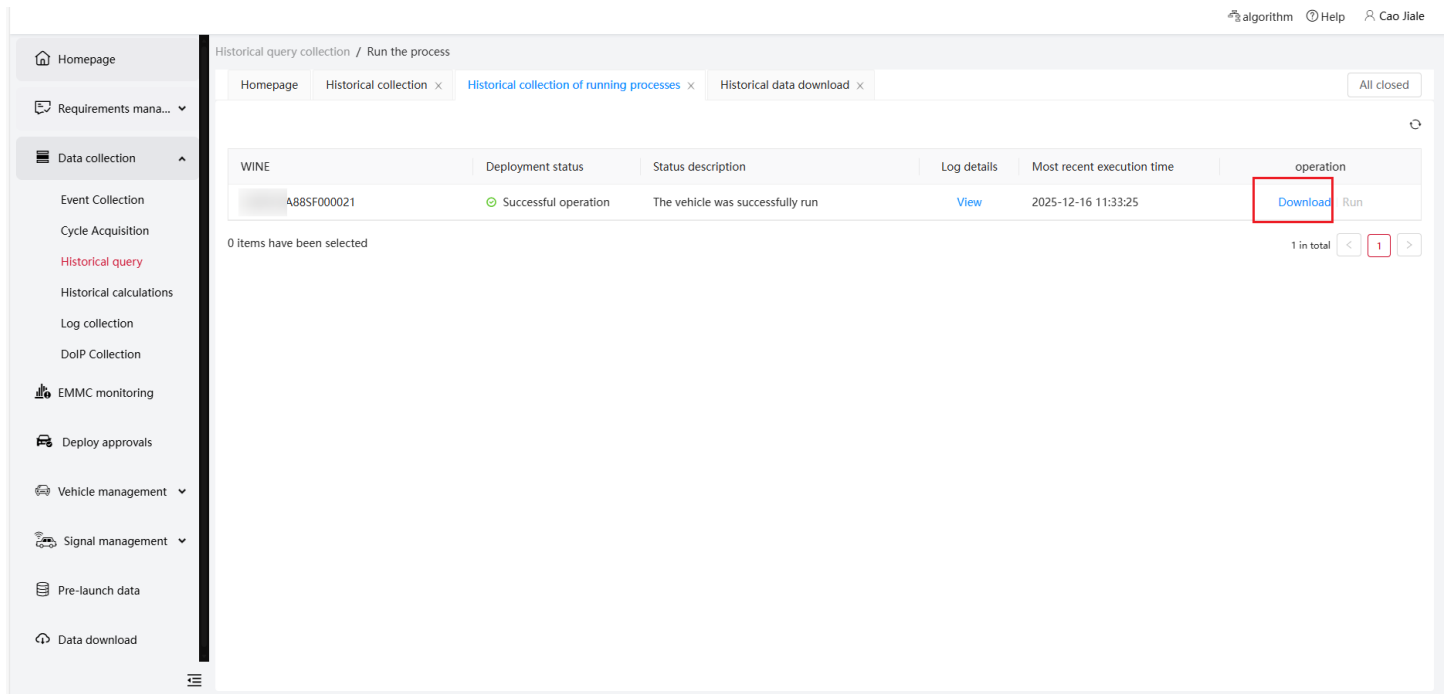
## 7.5.1 Operation - Run

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



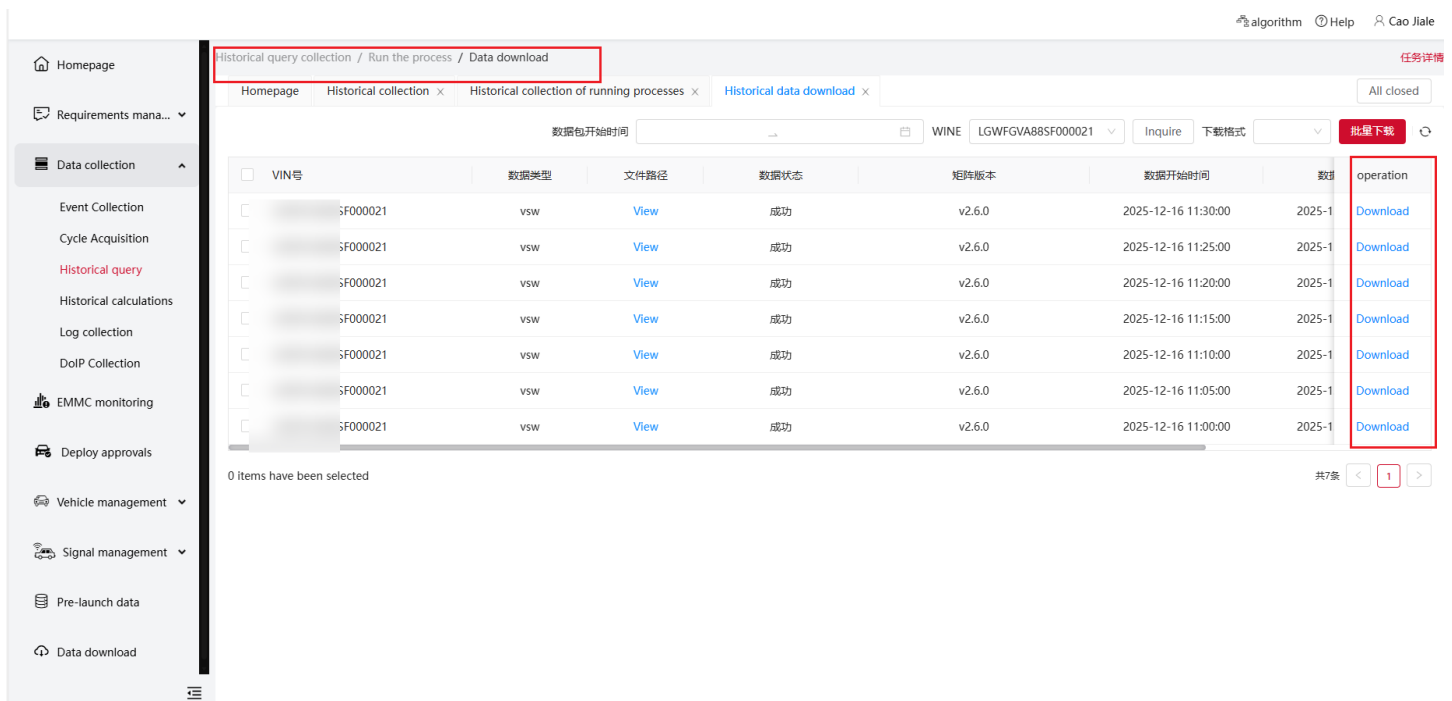
## 7.5.2 Operation - Download

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:



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.



## 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.

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HomepageHistorical calculations

Task nameCreatorCreate a L...Start timeEnd timeInquire+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	/ China	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwwj	modificationCopy...
zkf_his_20251211-v2	deployed	1/1	/ China	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modificationCopy...
zkf_his_20251211-v1	deployed	1/1	/ China	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modificationCopy...
zkf_his_20251208-v3	deployed	1/1	/ China	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modificationCopy...
zkf_his_20251208-v2	deployed	1/1	/ China	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modificationCopy...
zkf_his_20251208-v1	deployed	1/1	/ China	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modificationCopy...
zkf_his_20251125-v14w6	GWM is under approval	0/1	/ China	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
zkf_his_20251125-V14W	GWM is under approval	0/1	/ China	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
zkf_his_20251125-v14	GWM is under approval	0/1	/ China	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
zkf_his_20251125-v1	deployed	1/1	/ China	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modificationCopy...

There are 15 articles in total12Skip to page

**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:

Historical calculation collection

Homepage Historical calculations x All closed

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	1/1	hina	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanjing	exdwj	modification Cop y ...
z kf_his_20251211-v2	deployed	1/1	hina	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modification Cop y ...
z kf_his_20251211-v1	deployed	1/1	hina	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modification Cop y ...
z kf_his_20251208-v3	deployed	1/1	hina	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modification Cop y ...
z kf_his_20251208-v2	deployed	1/1	hina	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modification Cop y ...
z kf_his_20251208-v1	deployed	1/1	hina	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modification Cop y ...
z kf_his_20251125-v14w6	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwj	modification Cop y ...
z kf_his_20251125-v14W	GWM is under approval	0/1	hina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwj	modification Cop y ...
z kf_his_20251125-v14	GWM is under approval	0/1	hina	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwj	modification Cop y ...
z kf_his_20251125-v1	deployed	1/1	hina	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modification Cop y ...

There are 15 articles in total < 1 2 > Skip to 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.

Historical calculation collection / Create a collection

Homepage Historical calculations x Create a historical calculated acquisition x All closed

Select a vehicle/group/model

搜索车辆及分组

Vehicle grouping

cs

00000111

Click the vehicle group and check the vehicles.

Select the historical calculation algorithm

算法信息

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	

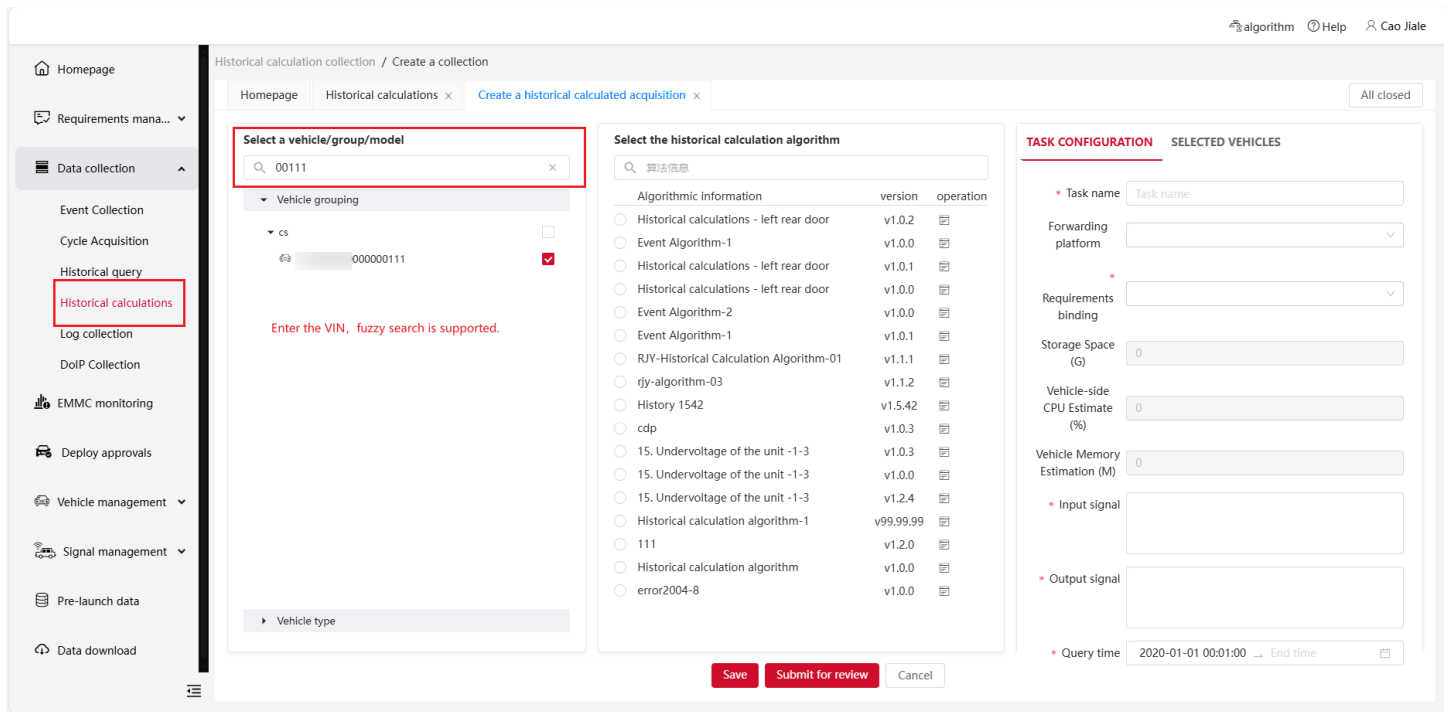
Save Submit for review Cancel

TASK CONFIGURATION SELECTED VEHICLES 1All canceled

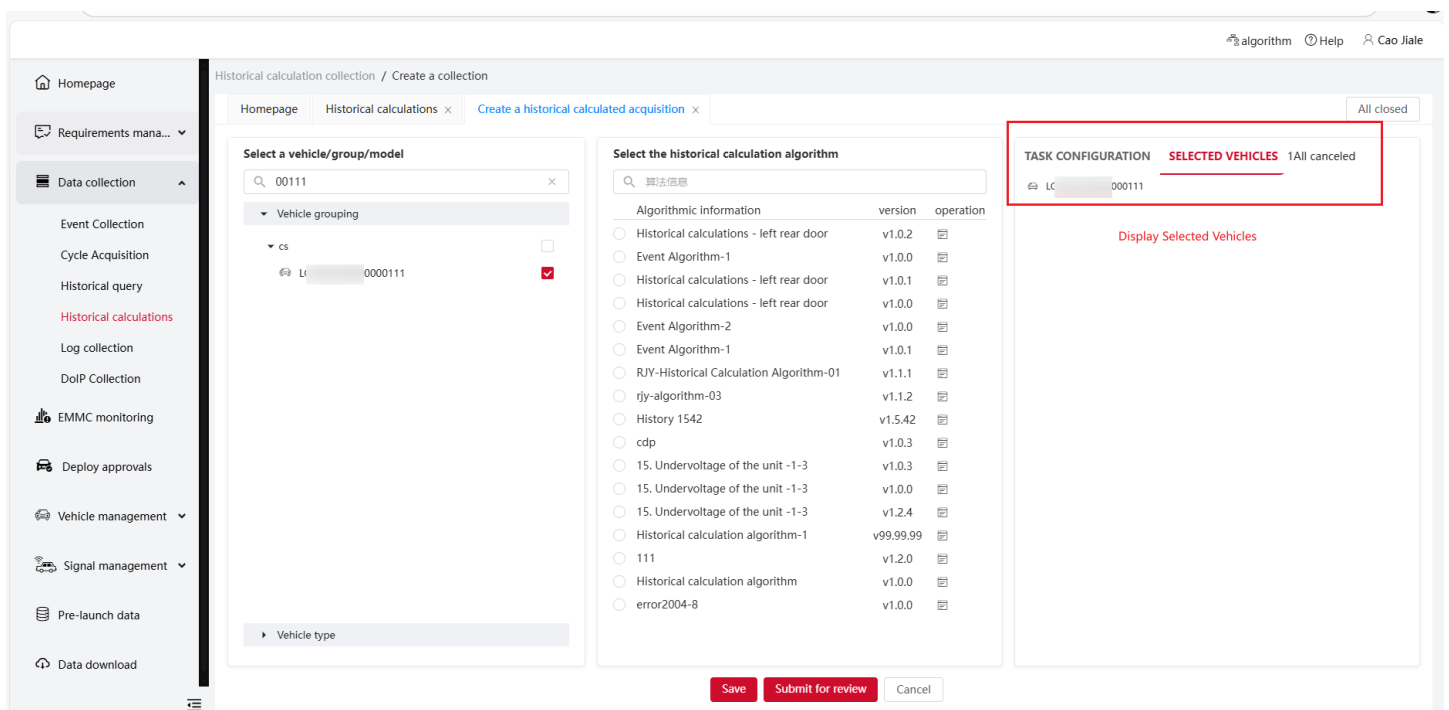
display selected vehicles

- 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.

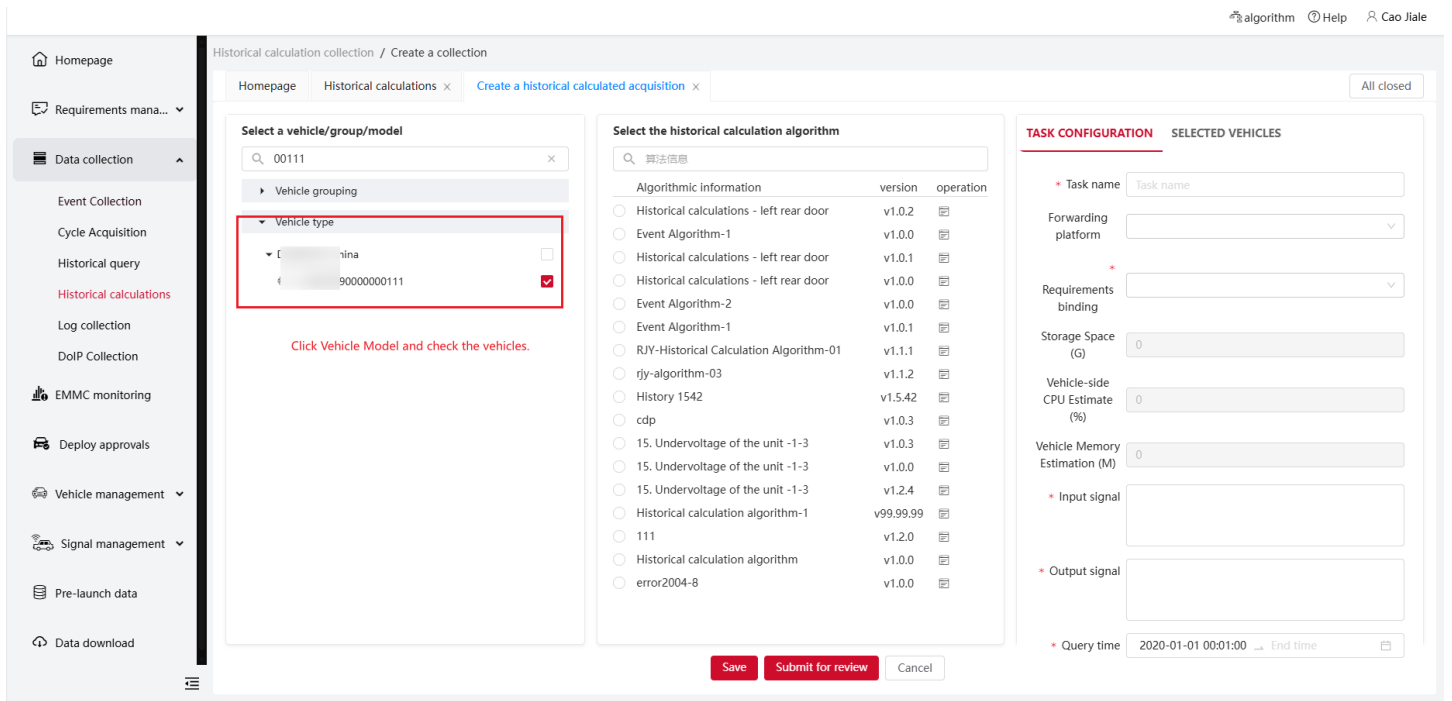




- Click the Checkbox next to the vehicle's VIN to select the vehicle. The selected vehicle will be displayed in the Selected Vehicles section.



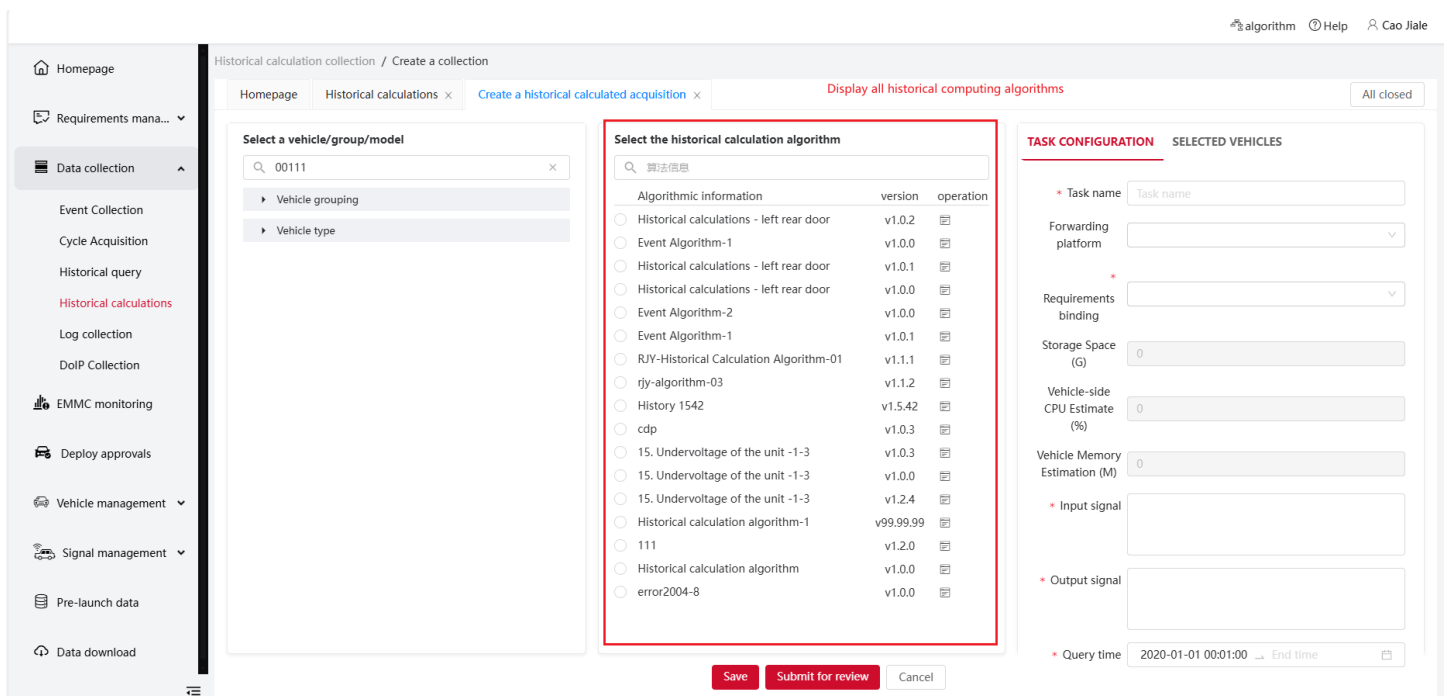
- Click Vehicle Model to expand the vehicle model and series group (not expanded by default). You can select all vehicles under a specific model by checking that model.

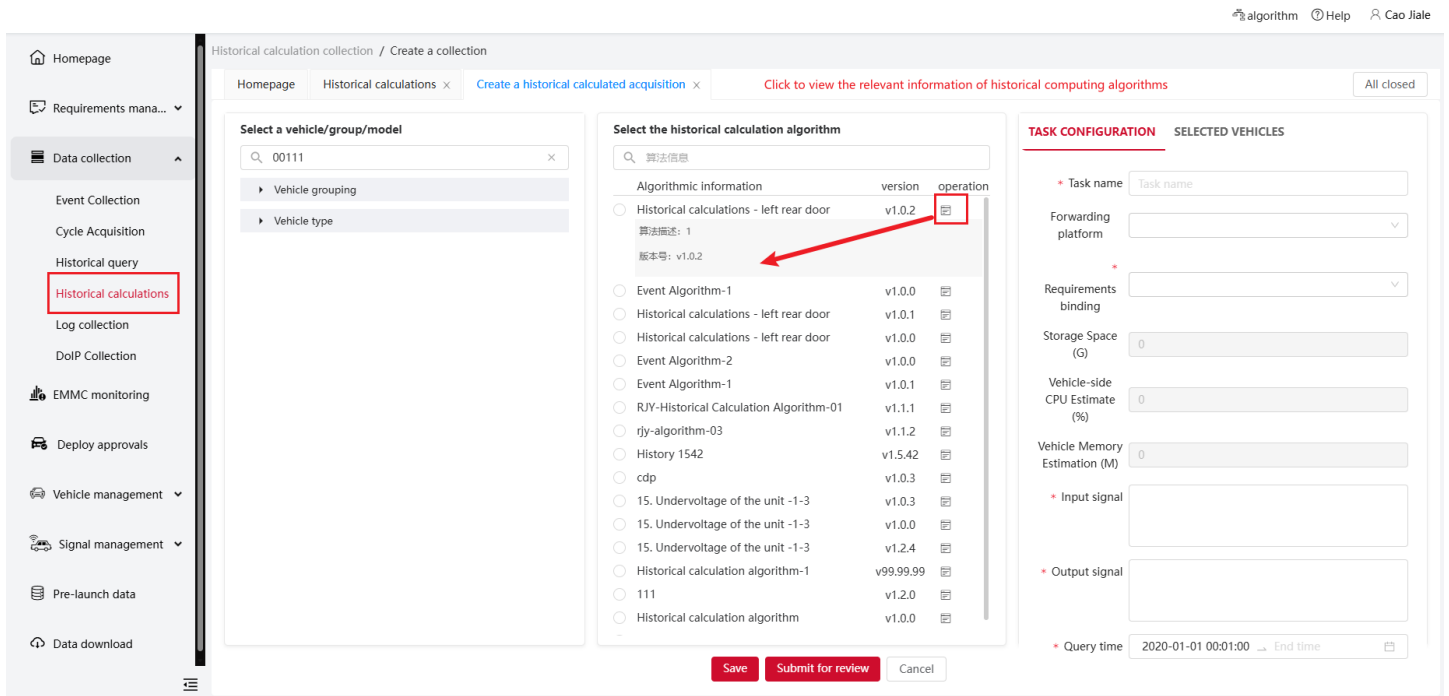


## 8.1.2 Configure and Select Historical Computing Algorithms

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.



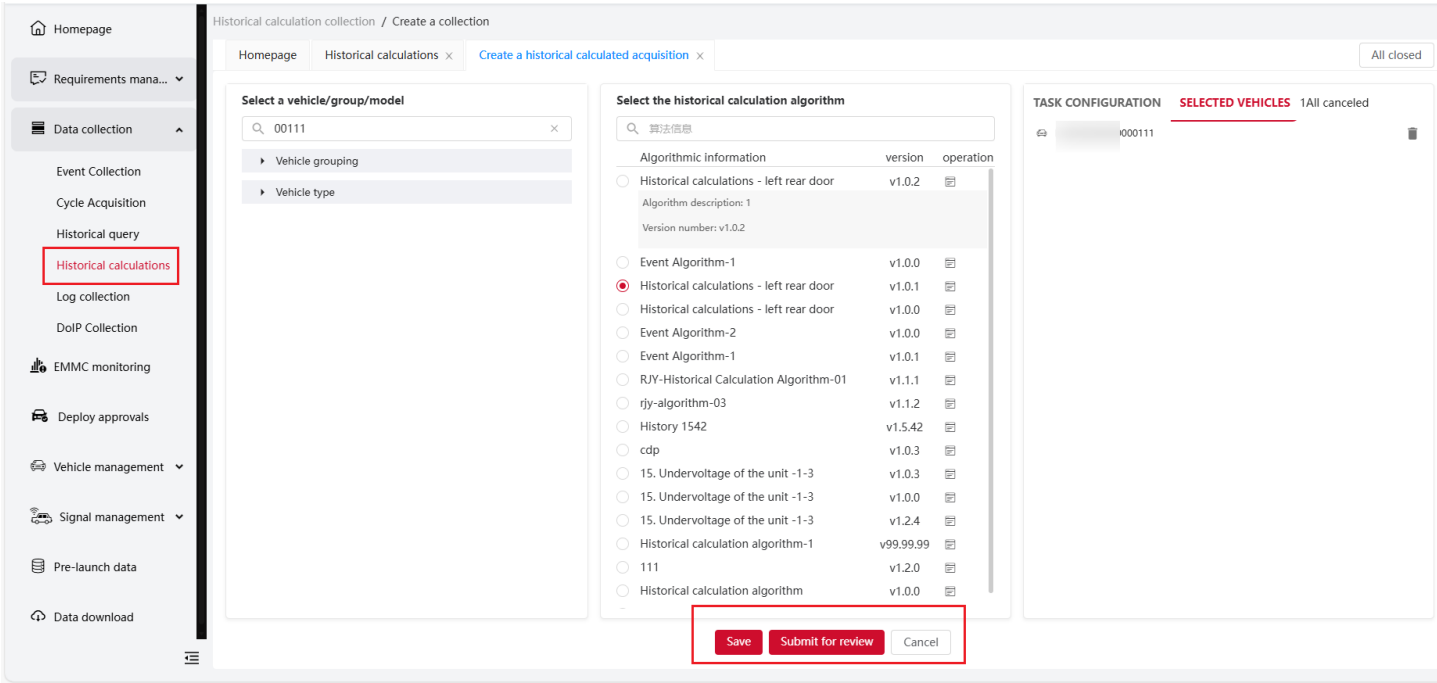


### 8.1.3 Task Configuration

- 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.



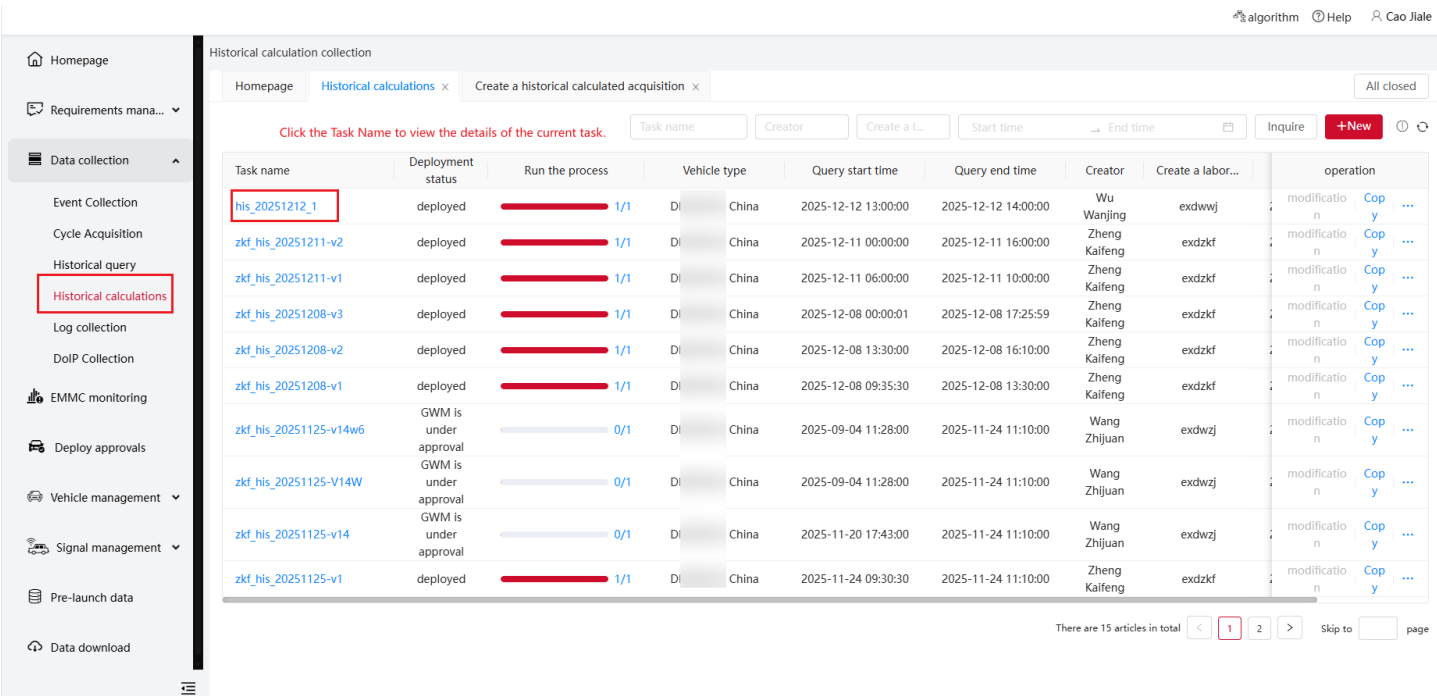
- Click Cancel to exit the collection creation page, and the current collection task will not be created.

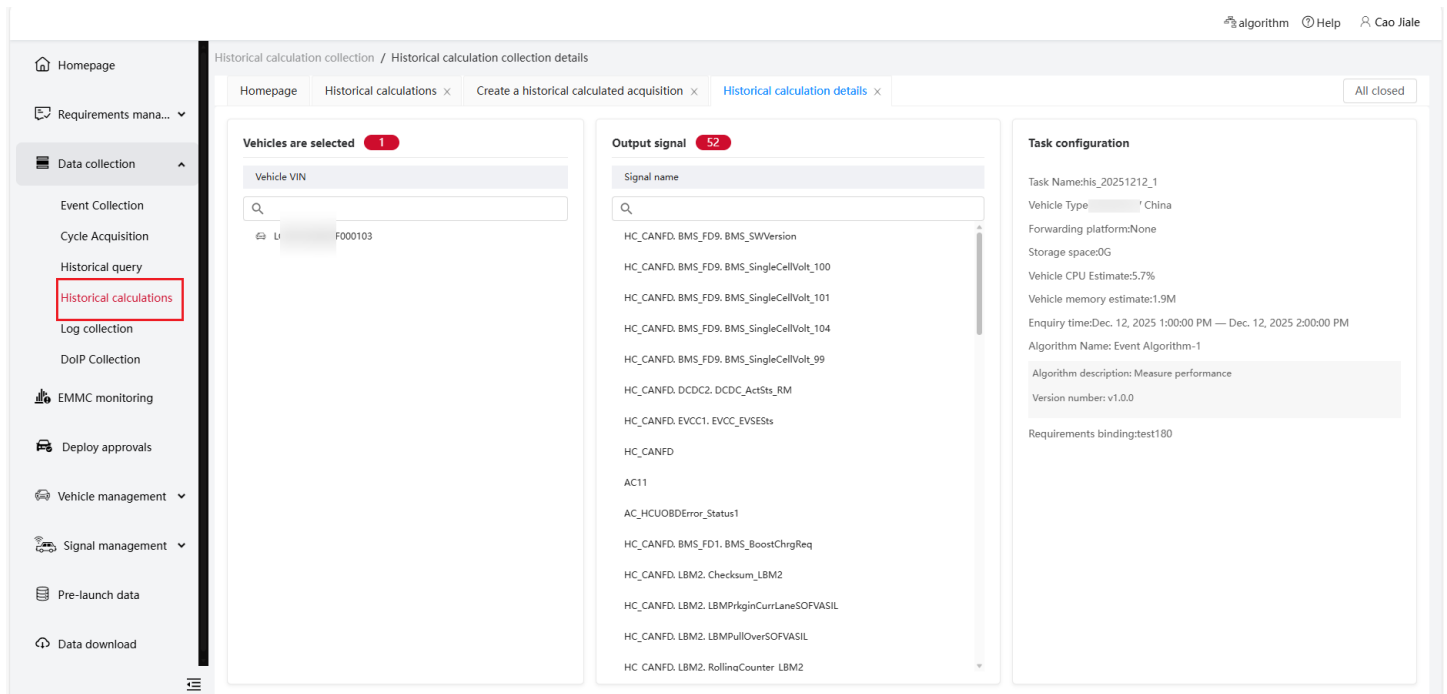


## 8.2. View Collection Task Details

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.





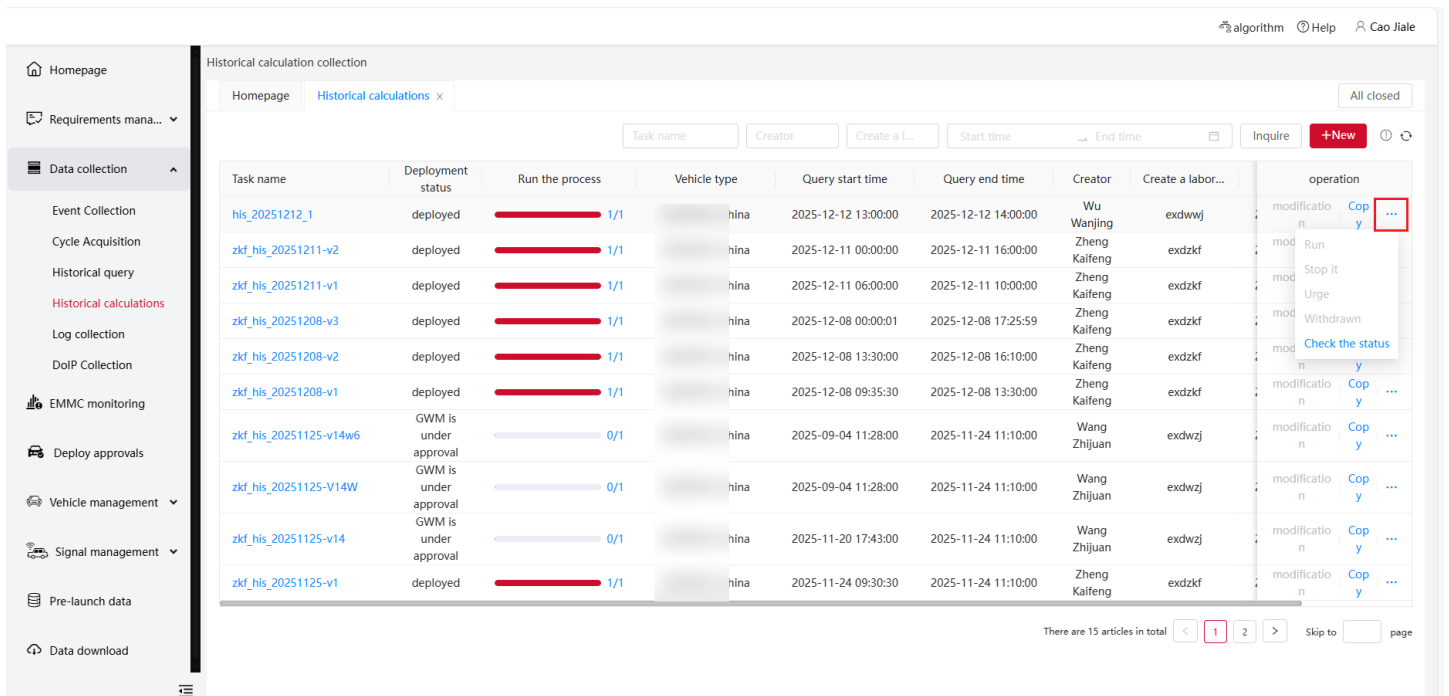
## 8.3. Copy Collection Task

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.







### 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.

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Click to Run the Process

Task nameCreatorCreate a L...Start timeEnd timeInquireNew

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	ina	2025-12-12 13:00:00	2025-12-12 14:00:00	Wu Wanling	exdwvj	modificationCopy...
z kf_his_20251211-v2	deployed	1/1	ina	2025-12-11 00:00:00	2025-12-11 16:00:00	Zheng Kaifeng	exdzkf	modificationCopy...
z kf_his_20251211-v1	deployed	1/1	ina	2025-12-11 06:00:00	2025-12-11 10:00:00	Zheng Kaifeng	exdzkf	modificationCopy...
z kf_his_20251208-v3	deployed	1/1	ina	2025-12-08 00:00:01	2025-12-08 17:25:59	Zheng Kaifeng	exdzkf	modificationCopy...
z kf_his_20251208-v2	deployed	1/1	ina	2025-12-08 13:30:00	2025-12-08 16:10:00	Zheng Kaifeng	exdzkf	modificationCopy...
z kf_his_20251208-v1	deployed	1/1	ina	2025-12-08 09:35:30	2025-12-08 13:30:00	Zheng Kaifeng	exdzkf	modificationCopy...
z kf_his_20251125-v14w6	GWM is under approval	0/1	ina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
z kf_his_20251125-V14W	GWM is under approval	0/1	ina	2025-09-04 11:28:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
z kf_his_20251125-v14	GWM is under approval	0/1	ina	2025-11-20 17:43:00	2025-11-24 11:10:00	Wang Zhijuan	exdwzj	modificationCopy...
z kf_his_20251125-v1	deployed	1/1	ina	2025-11-24 09:30:30	2025-11-24 11:10:00	Zheng Kaifeng	exdzkf	modificationCopy...

There are 15 articles in total12Skip topage

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All closed

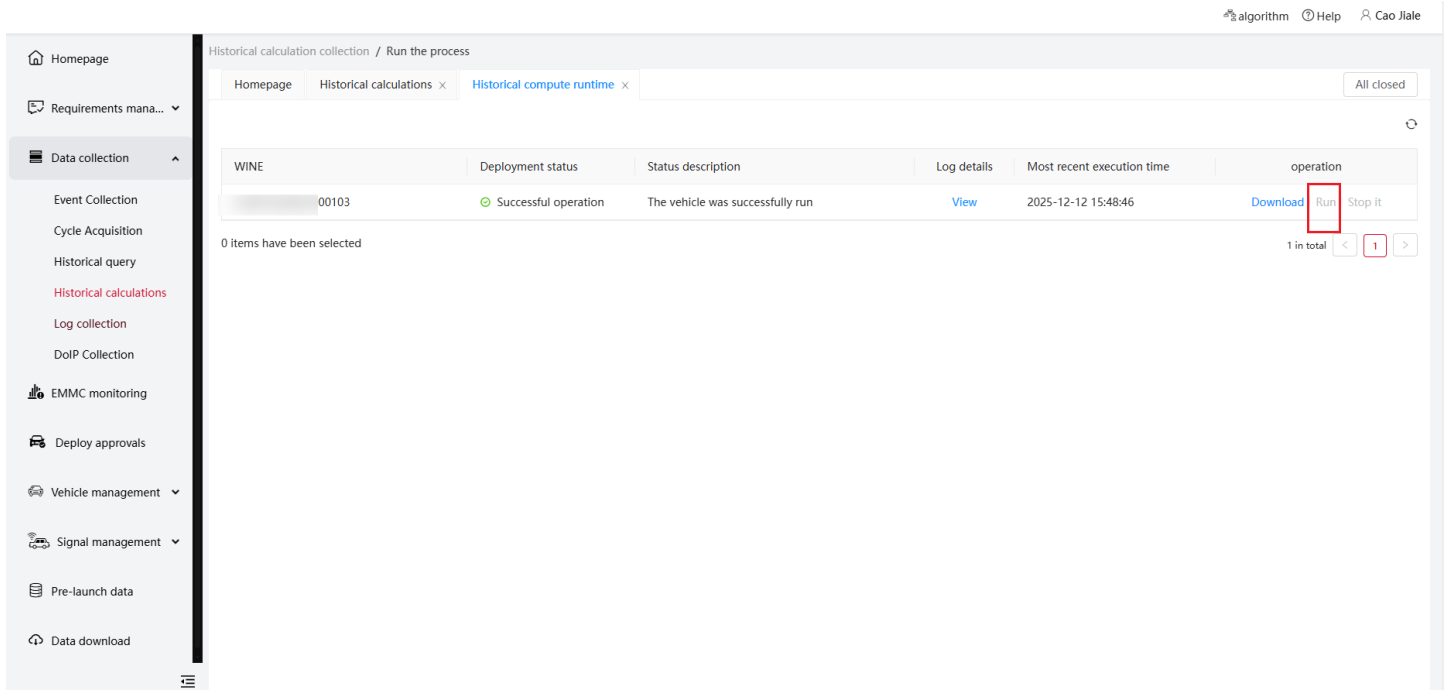
WINE	Deployment status	Status description	Log details	Most recent execution time	operation
L000103	Successful operation	The vehicle was successfully run	View	2025-12-12 15:48:46	DownloadRunStop it

0 items have been selected1 in total1

### 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.

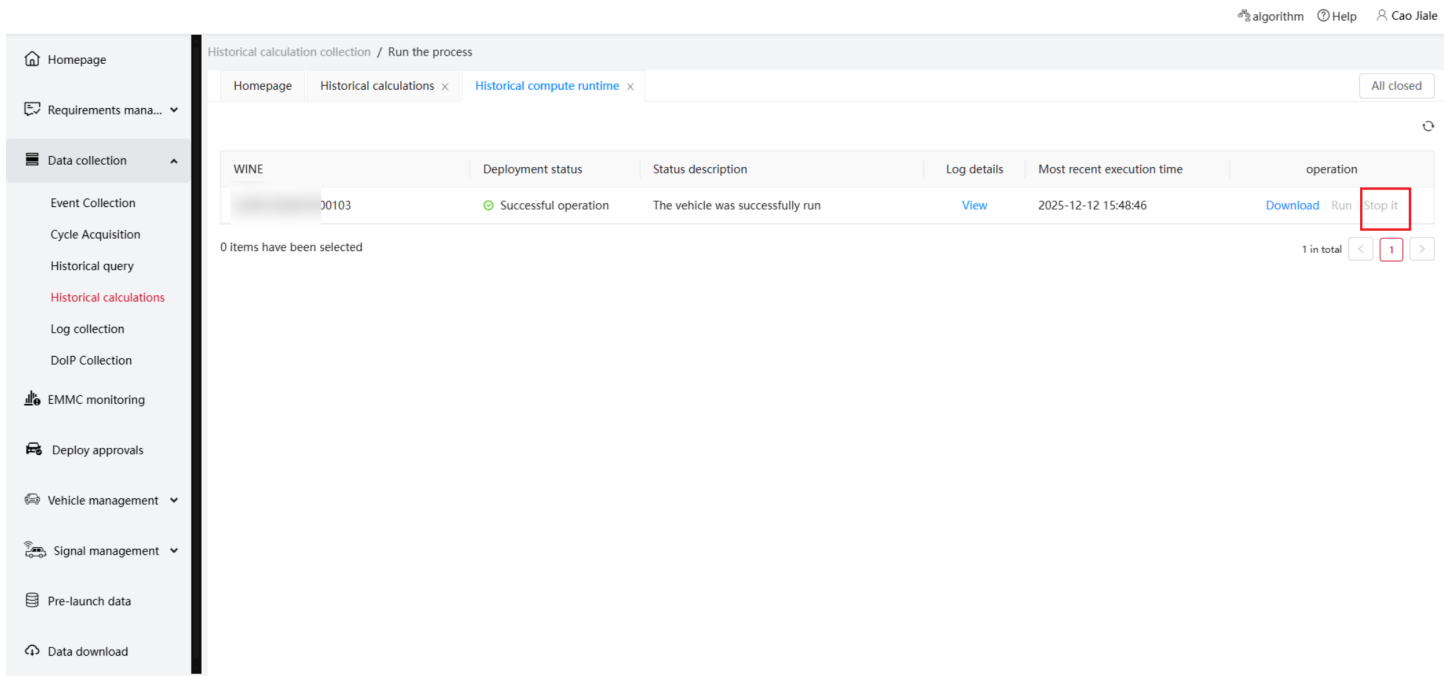
Click Run to execute the operation for the vehicle and update its deployment status.



### 8.5.2 Operation - Stop

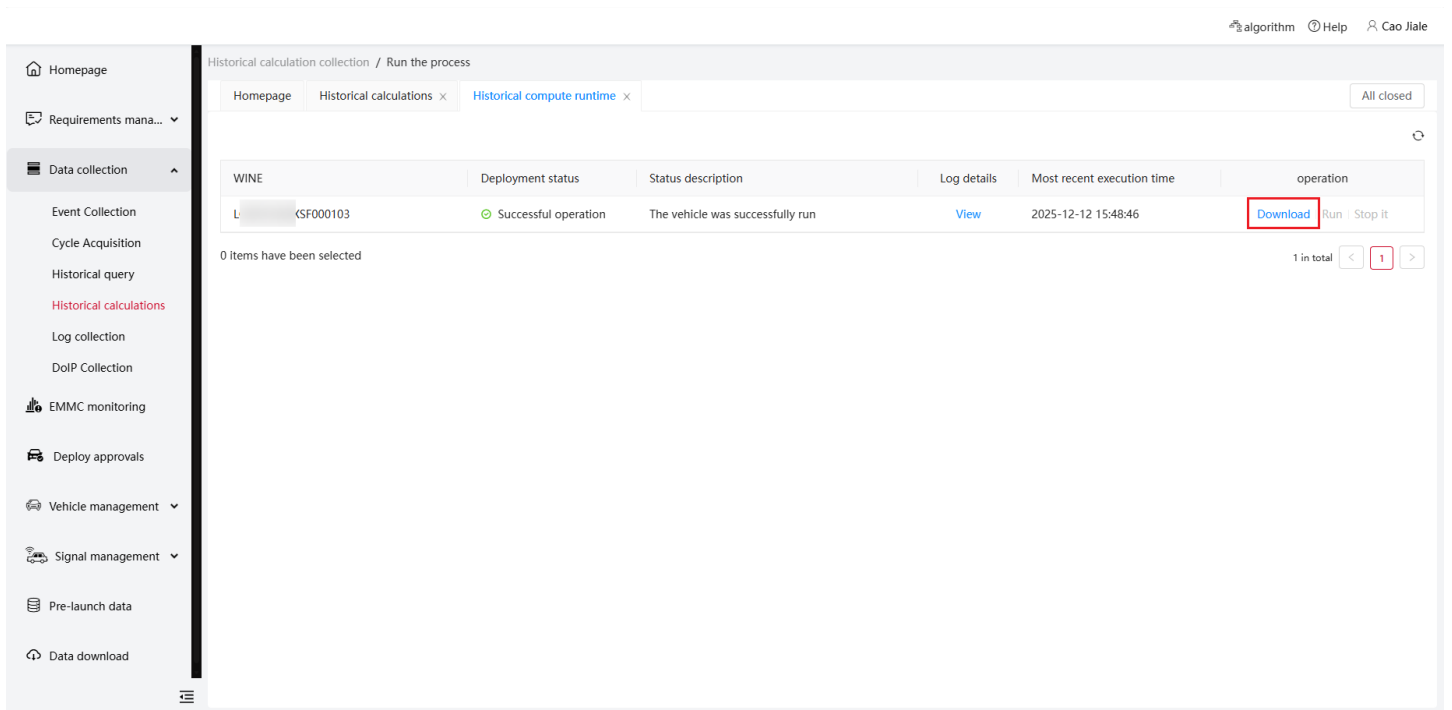
When the vehicle is in a stoppable state, the Stop option in the operations is displayed in blue and clickable.

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



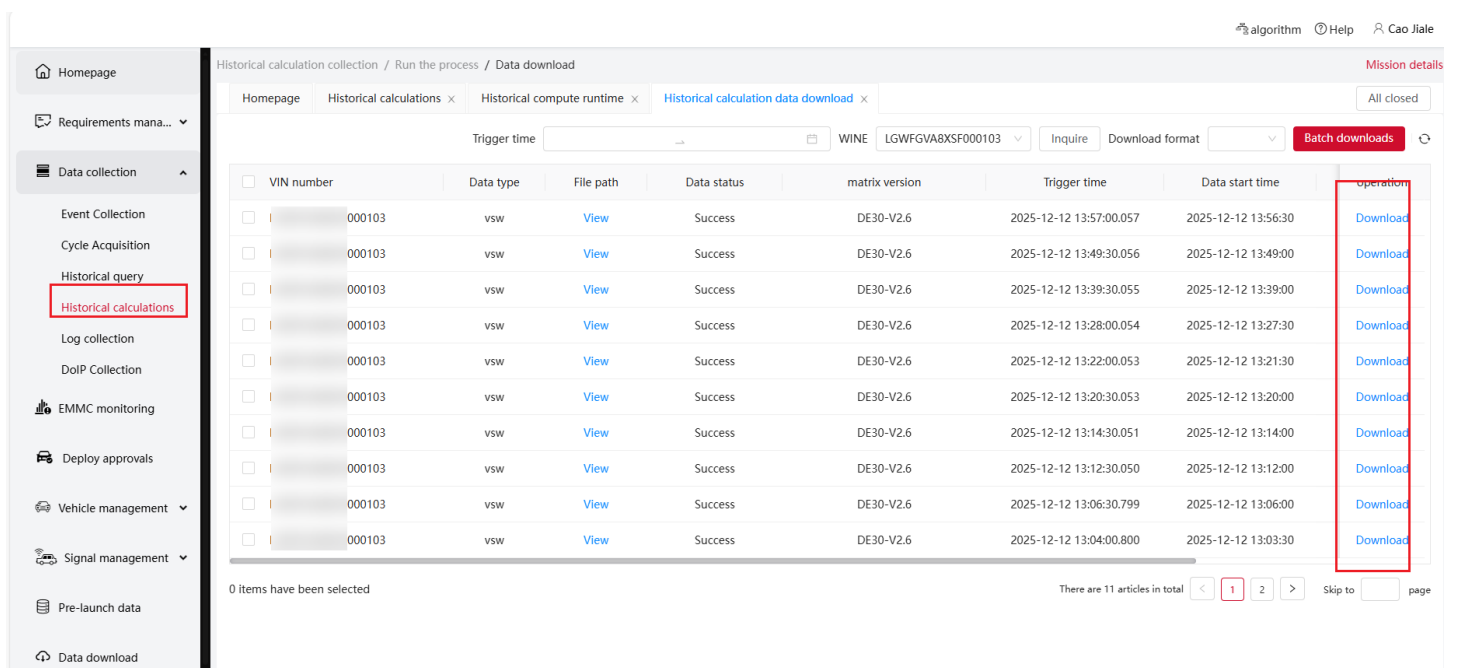
### 8.5.3 Operation - Download

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:



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

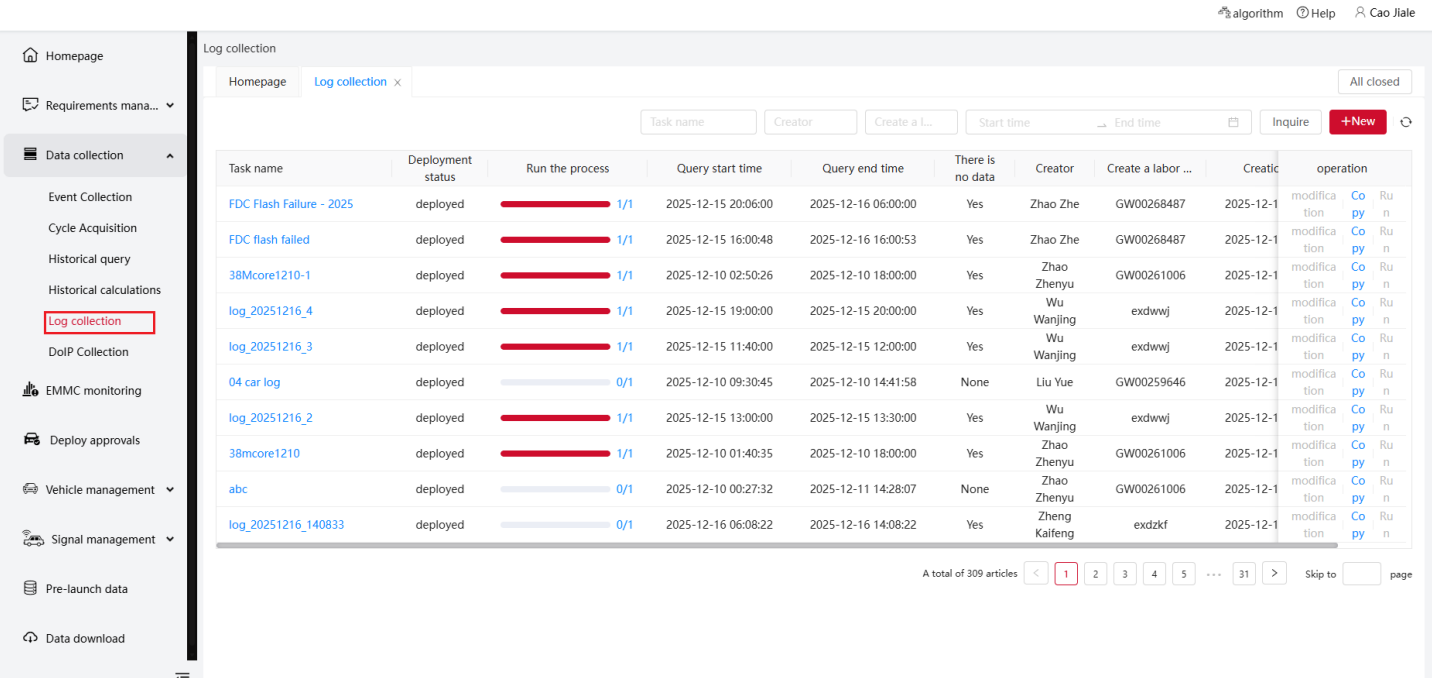
- Time and VIN filtering are supported, and multiple VINs can be selected.
- Batch download of selected data is available. Select the corresponding download format.
- The operation is: Download.
- Click Download in the operations to download the vehicle data.



## 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.

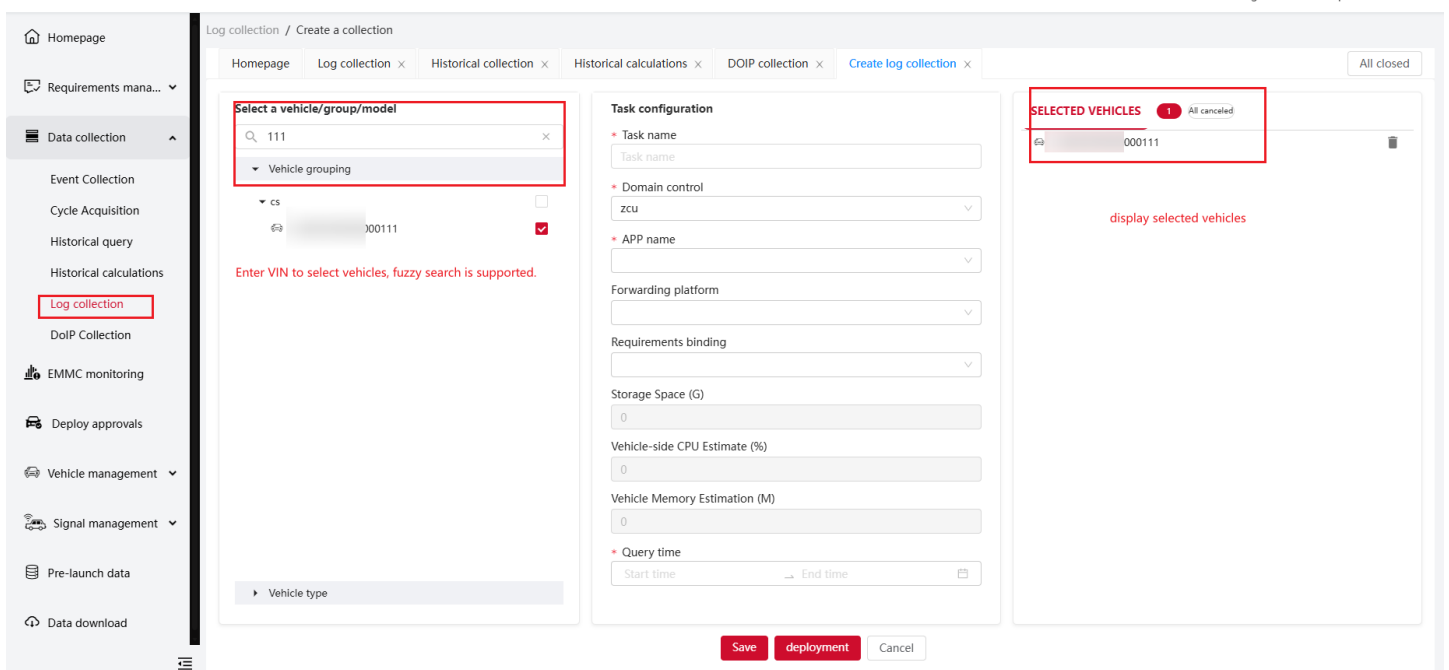


1. Clicking the list name redirects to the Log Collection Details page.
2. Clicking the list Deployment Status redirects to the secondary interface.
3. Click Create Collection to enter the Log Collection Creation page.
4. Click the Refresh button to refresh the list.
5. Enter the task name and time to 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.

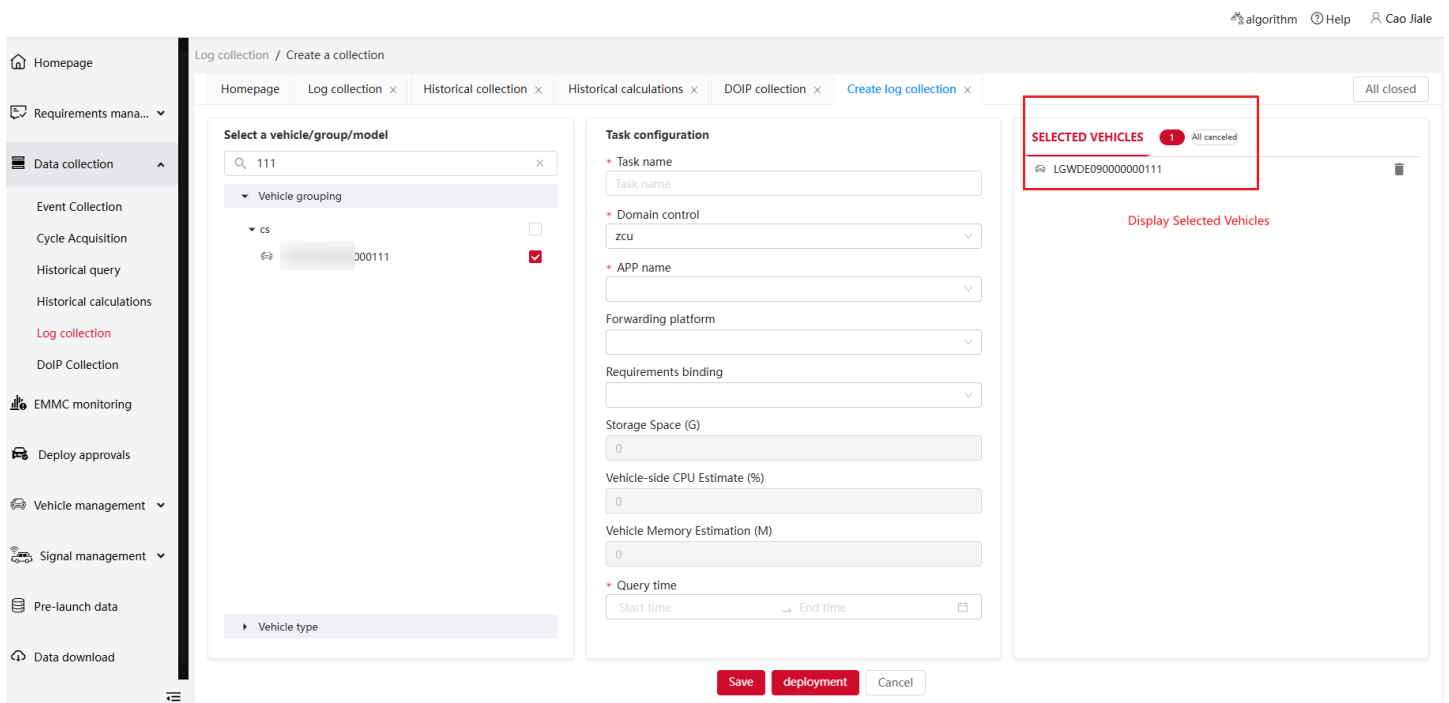
## 9.1 Create Collection

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



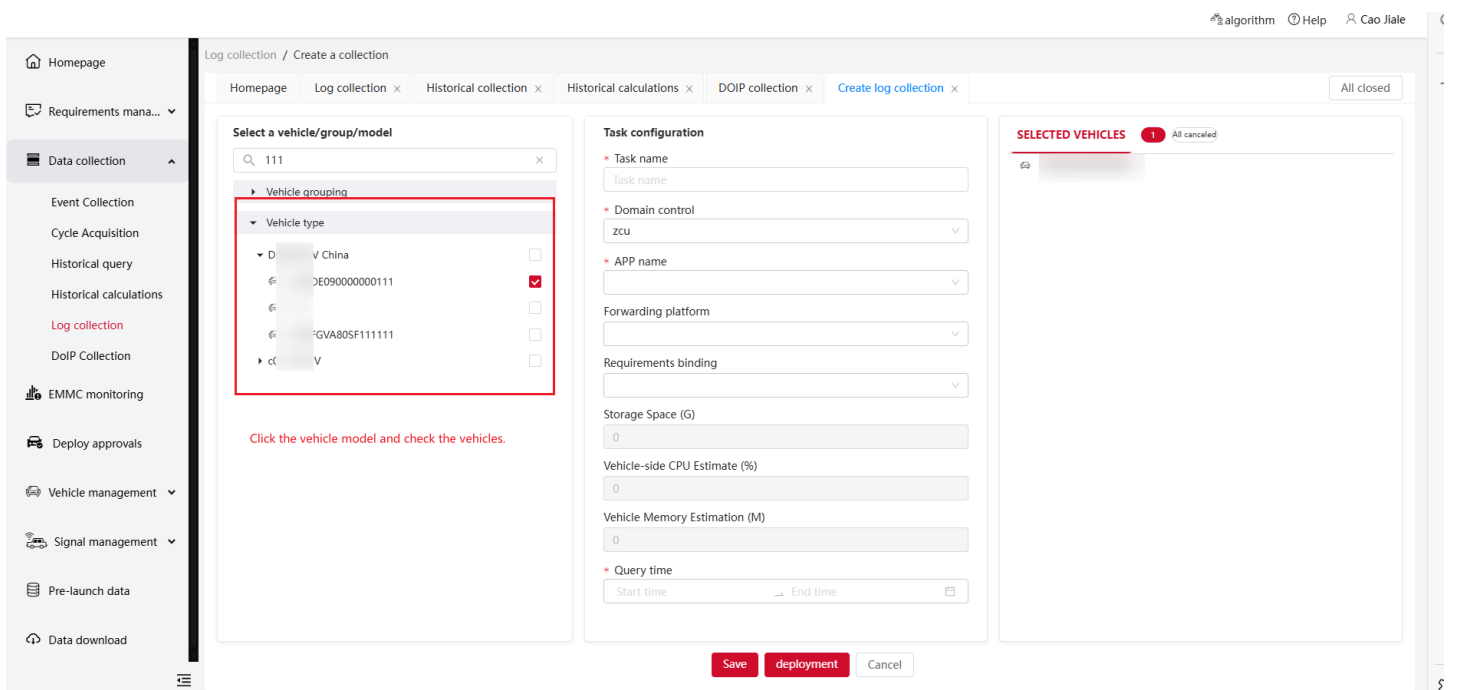


- Click the checkbox next to the vehicle VIN to select the vehicle. The selected vehicles will be displayed in the Selected Vehicles section.



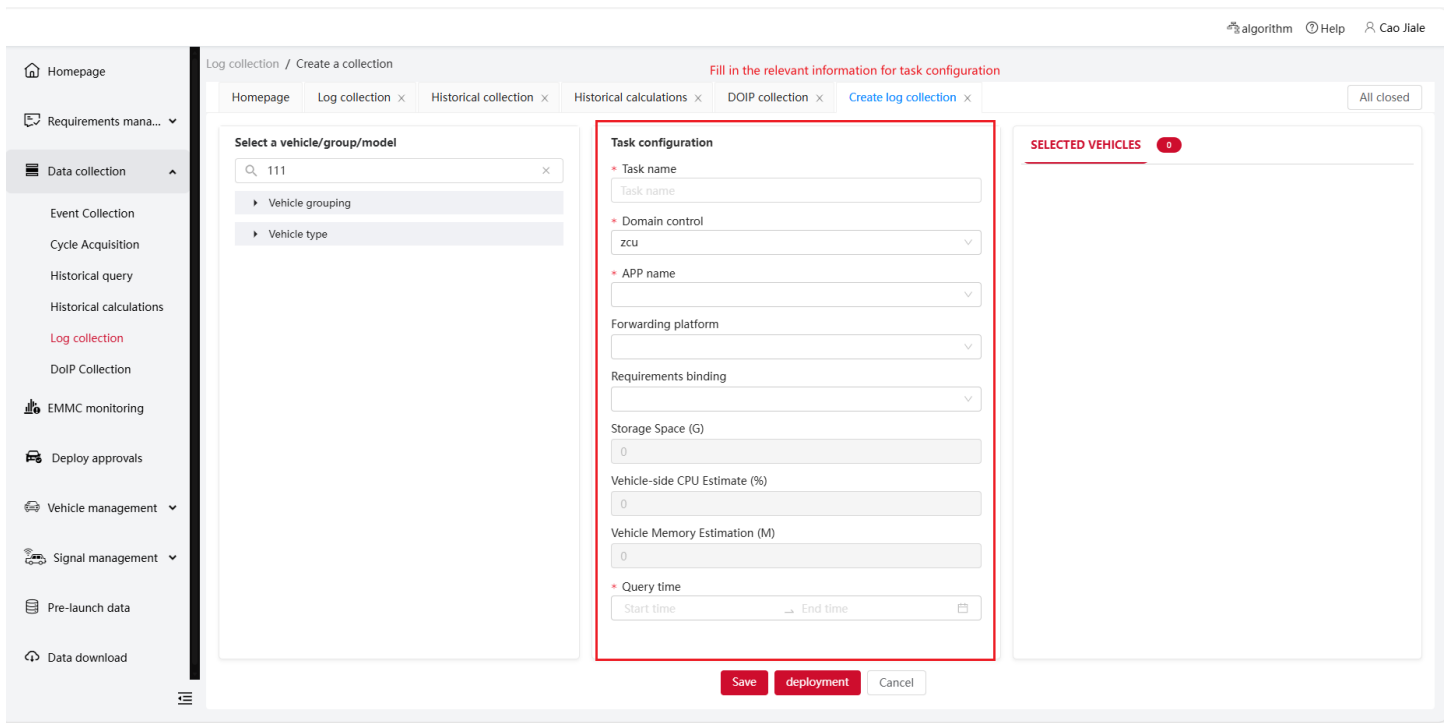
- Click Vehicle Model to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the box for that model.



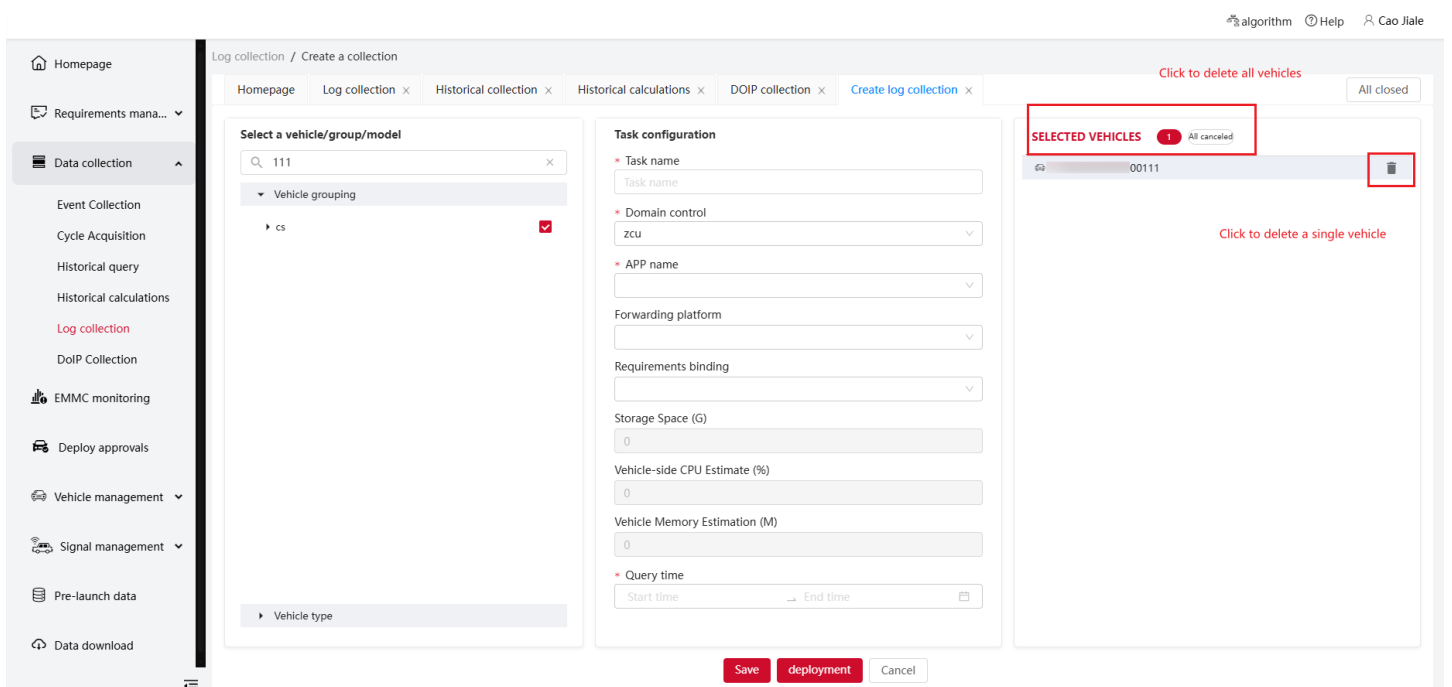


## 9.1.2 Task Configuration

- 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.

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Select a vehicle/group/model

111

Vehicle grouping

Vehicle type

Task configuration

\* Task name

Task name

\* Domain control

zcu

\* APP name

Forwarding platform

Requirements binding

Storage Space (G)

0

Vehicle-side CPU Estimate (%)

0

Vehicle Memory Estimation (M)

0

\* Query time

Start timeEnd time

SELECTED VEHICLES

0

Save

deployment

Cancel

## 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.

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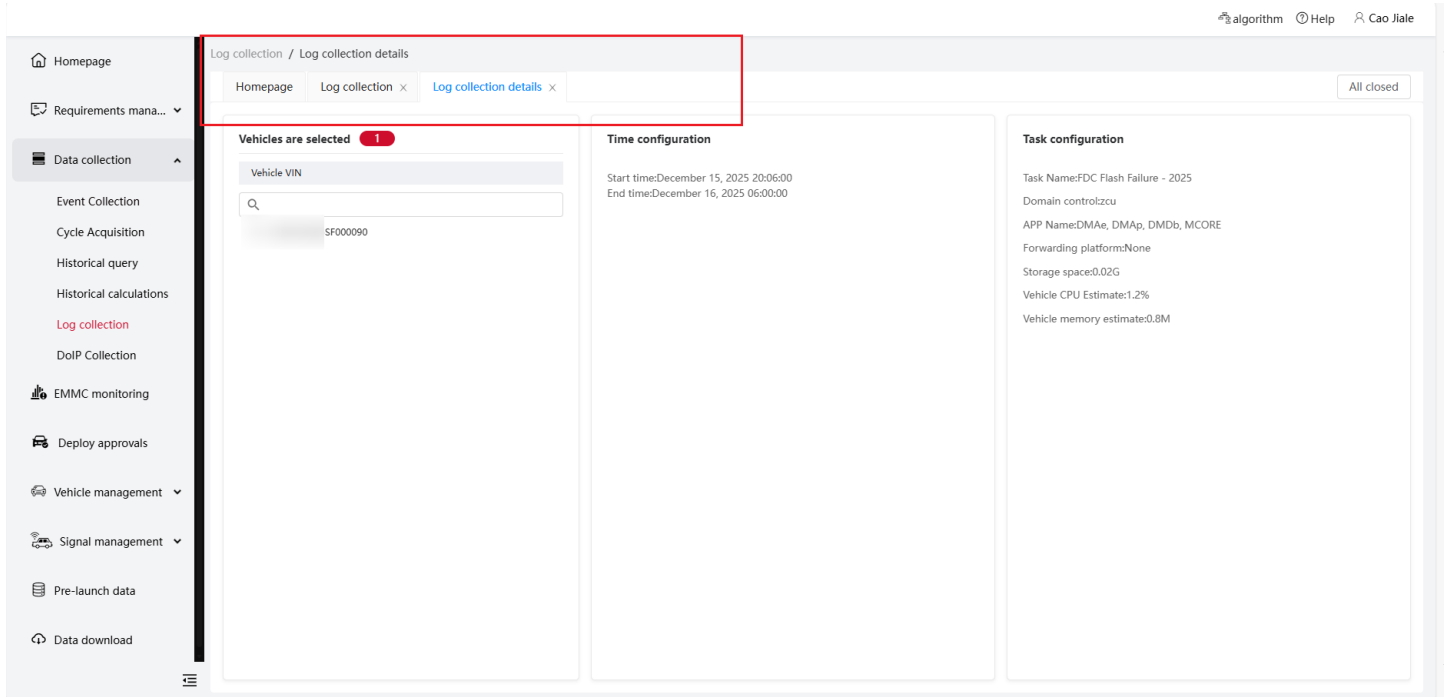
HomepageLog collection

Click the Task Name to enter the details page.

Task nameCreatorCreate a L...Start timeEnd timeInquire+New

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

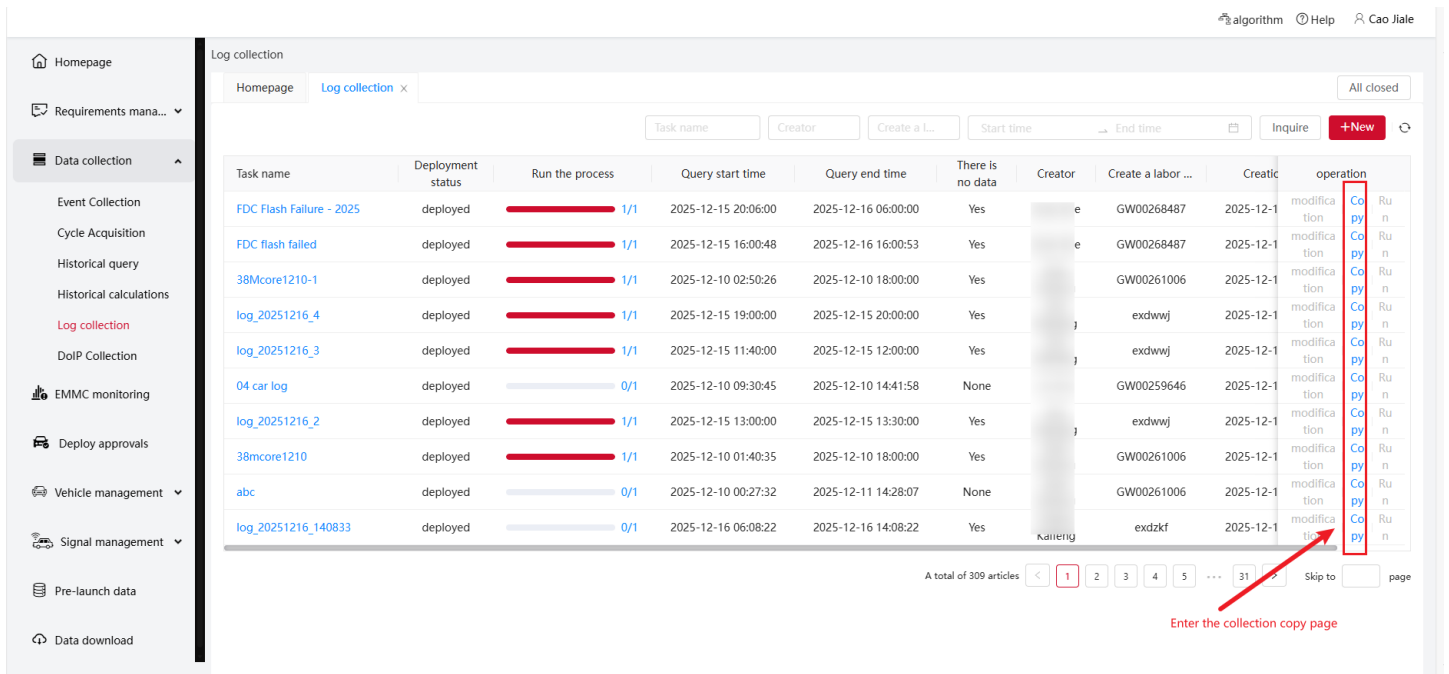
A total of 309 articles12345...31Skip topage

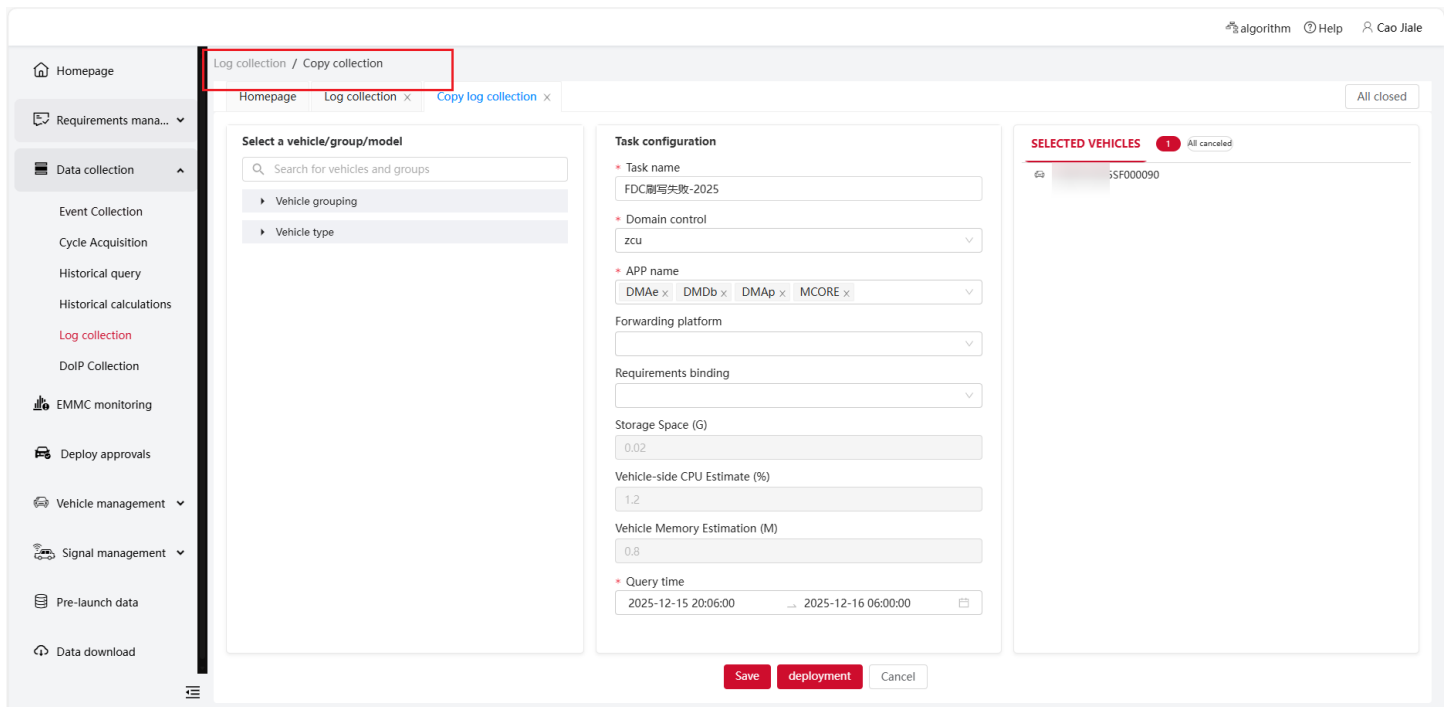


## 9.3 Collection Copy

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.

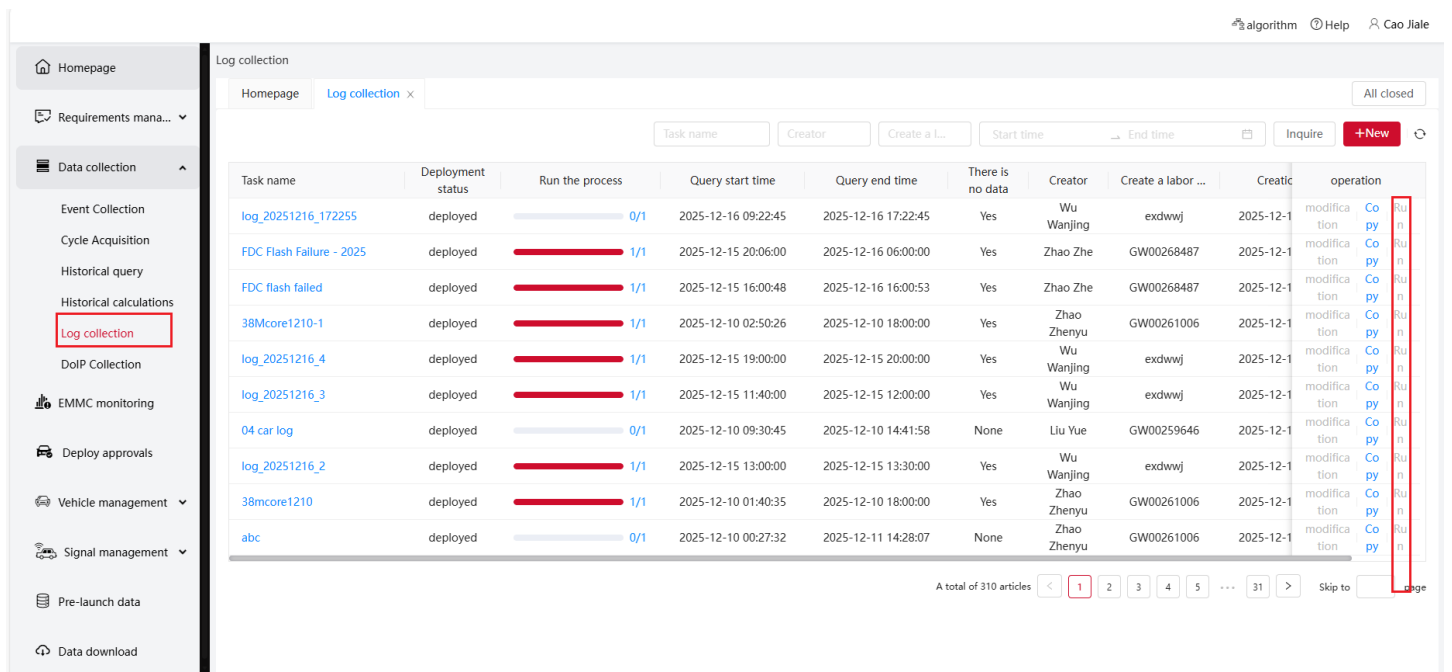




## 9.4 Run Operation

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

DoIP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

Log collection

HomepageLog collection x

All closed

Task nameCreatorCreate a L...Start timeEnd timeInquire+New

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creatic	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	modifica tion Co py Ru n
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	modifica tion Co py Ru n
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	modifica tion Co py Ru n
38Mcore1210-1	deployed	1/1	2025-12-10 02:50:26	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modifica tion Co py Ru n
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	modifica tion Co py Ru n
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	modifica tion Co py Ru n
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	modifica tion Co py Ru n
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	modifica tion Co py Ru n
38mcore1210	deployed	1/1	2025-12-10 01:40:35	2025-12-10 18:00:00	Yes	Zhao Zhenyu	GW00261006	2025-12-1	modifica tion Co py Ru n
abc	deployed	0/1	2025-12-10 00:27:32	2025-12-11 14:28:07	None	Zhao Zhenyu	GW00261006	2025-12-1	modifica tion Co py Ru n

A total of 310 articles12345...31Skip topage

Click to enter the secondary page of log collection

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

log collection / Run the process

HomepageLog collection xLog collection runs x

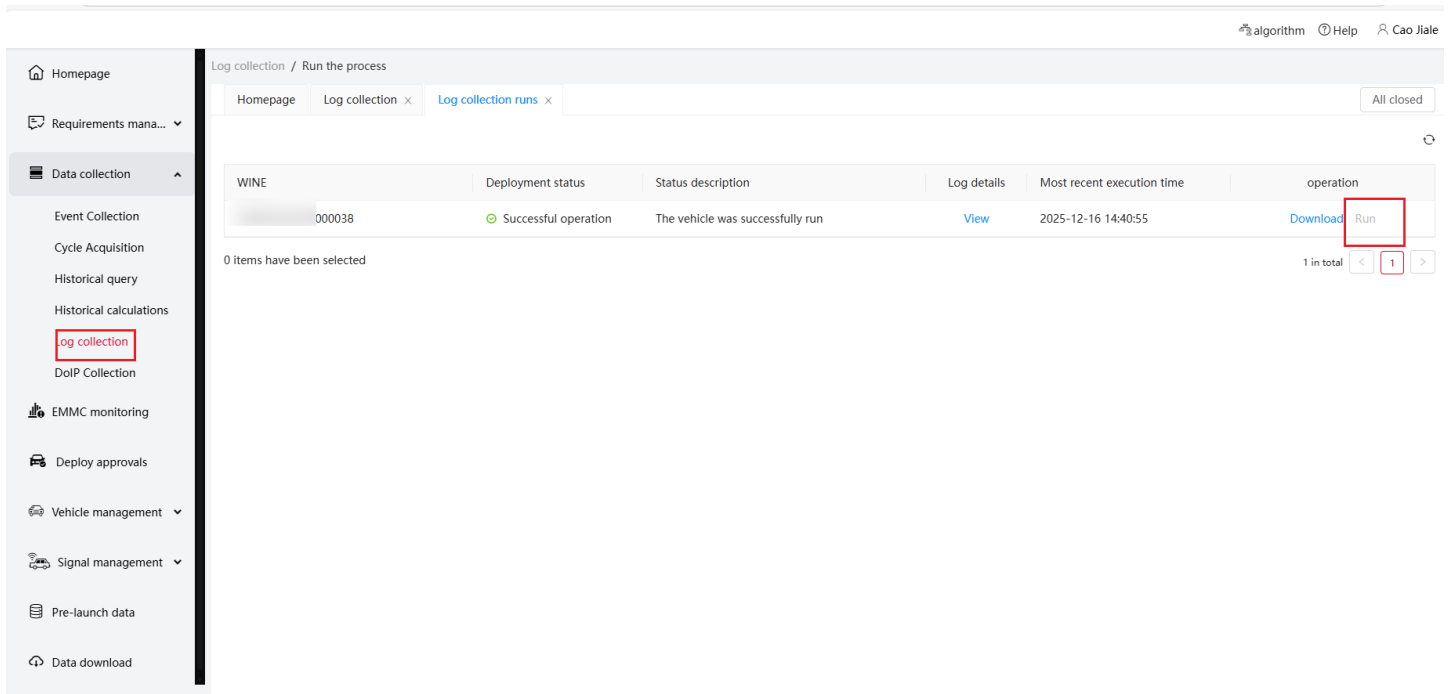
All closed

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 selected1 in total1

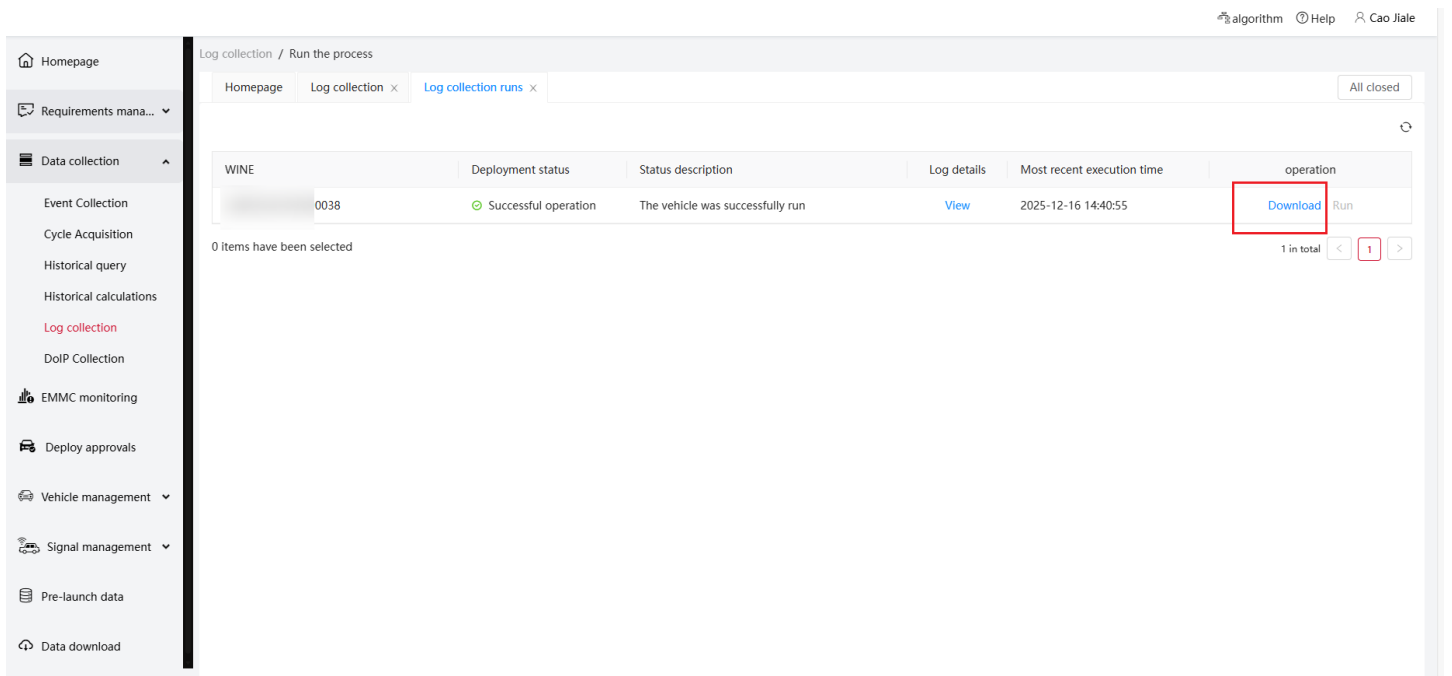
### 9.5.1 Operation - Run

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.



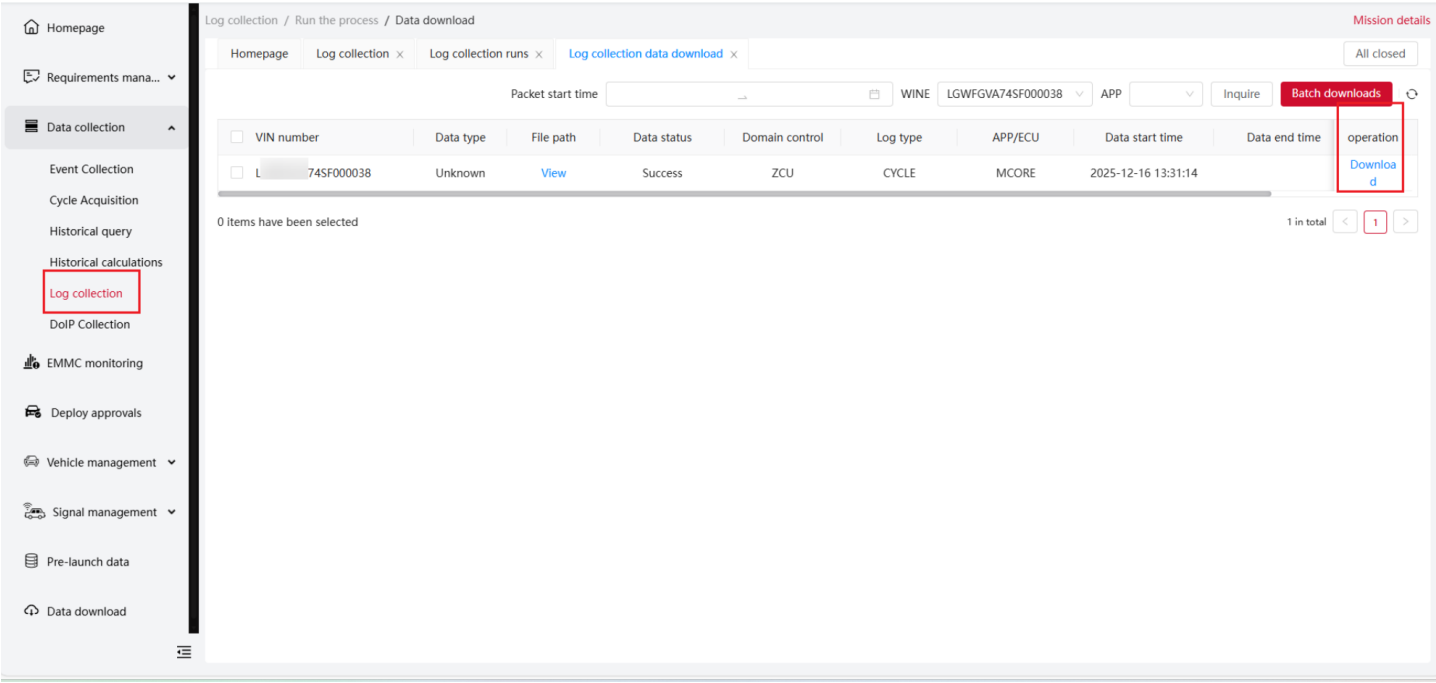
## 9.5.2 Operation - Download

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.



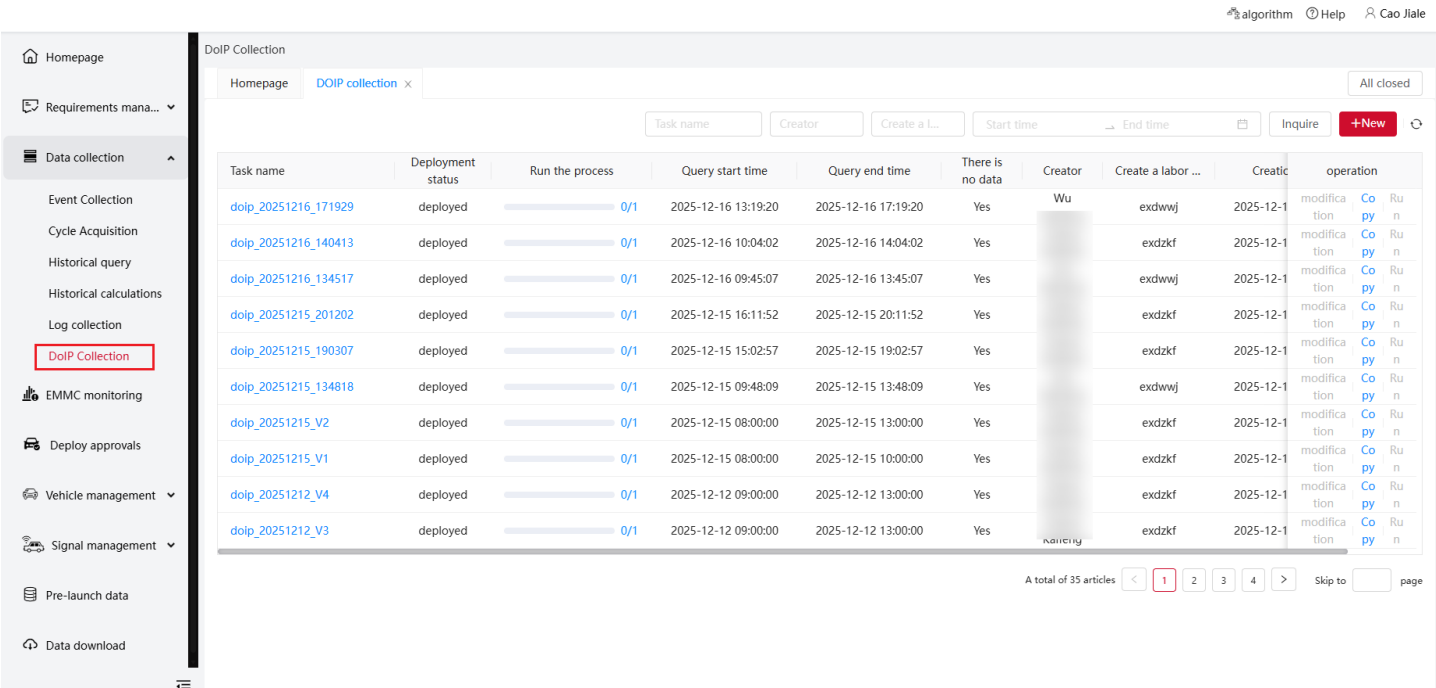
Redirect to and open this page (the breadcrumb path displays Data Download):

- 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.



## 10.1. Create CollectionClick

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



algorithm Help Cao Jiale

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

Homepage DoIP collection x

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

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creatic	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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n
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	modific tion Co py Ru n

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.

algorithm Help Cao Jiale

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 x Create a DOIP acquisition x

All closed

**Select a vehicle/group/model**

Search for vehicles and groups

Vehicle grouping

cs ☒

Click the vehicle group and check the vehicles.

Vehicle type

**Task configuration**

\* Task name  
Task name

\* NIC card

Forwarding platform

Requirements binding

Storage Space (G)  
0

Vehicle-side CPU Estimate (%)  
0.3

Vehicle Memory Estimation (M)  
0.2

\* Query time  
Start time End time

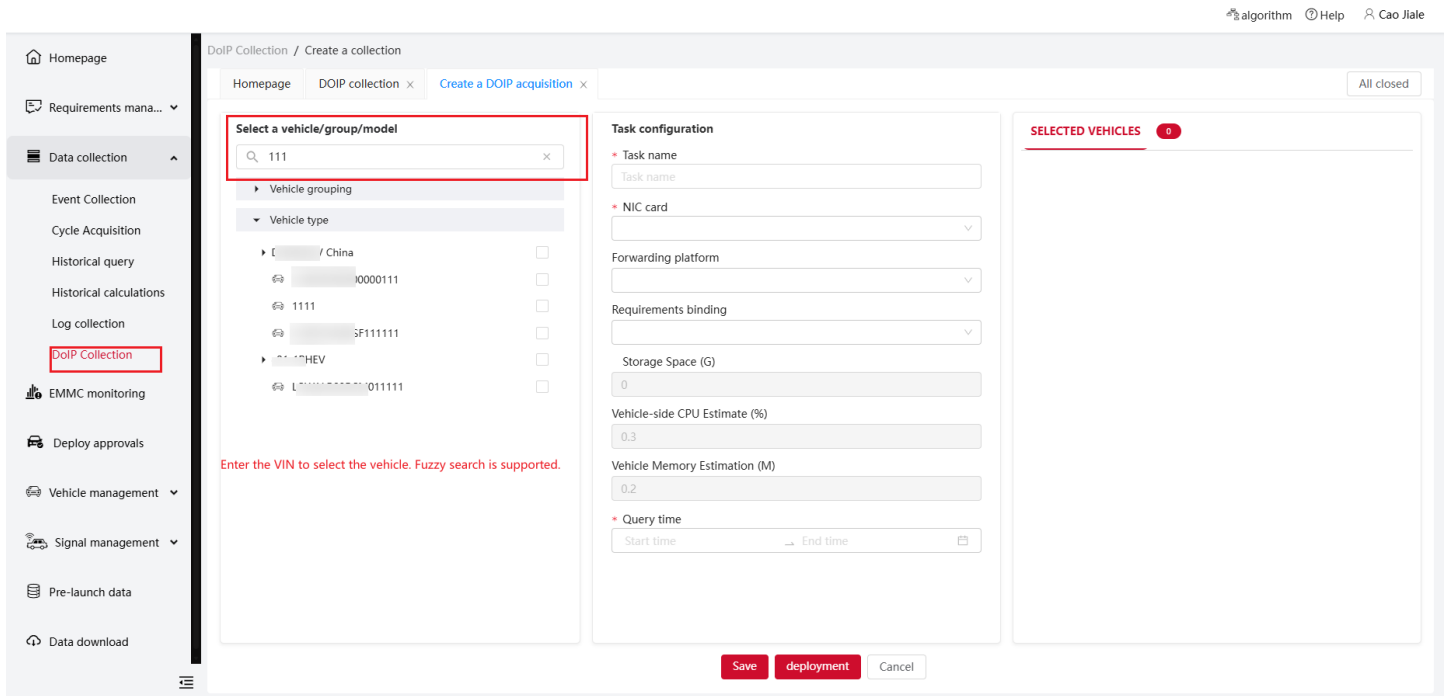
**SELECTED VEHICLES** ☒ All canceled

X0000111

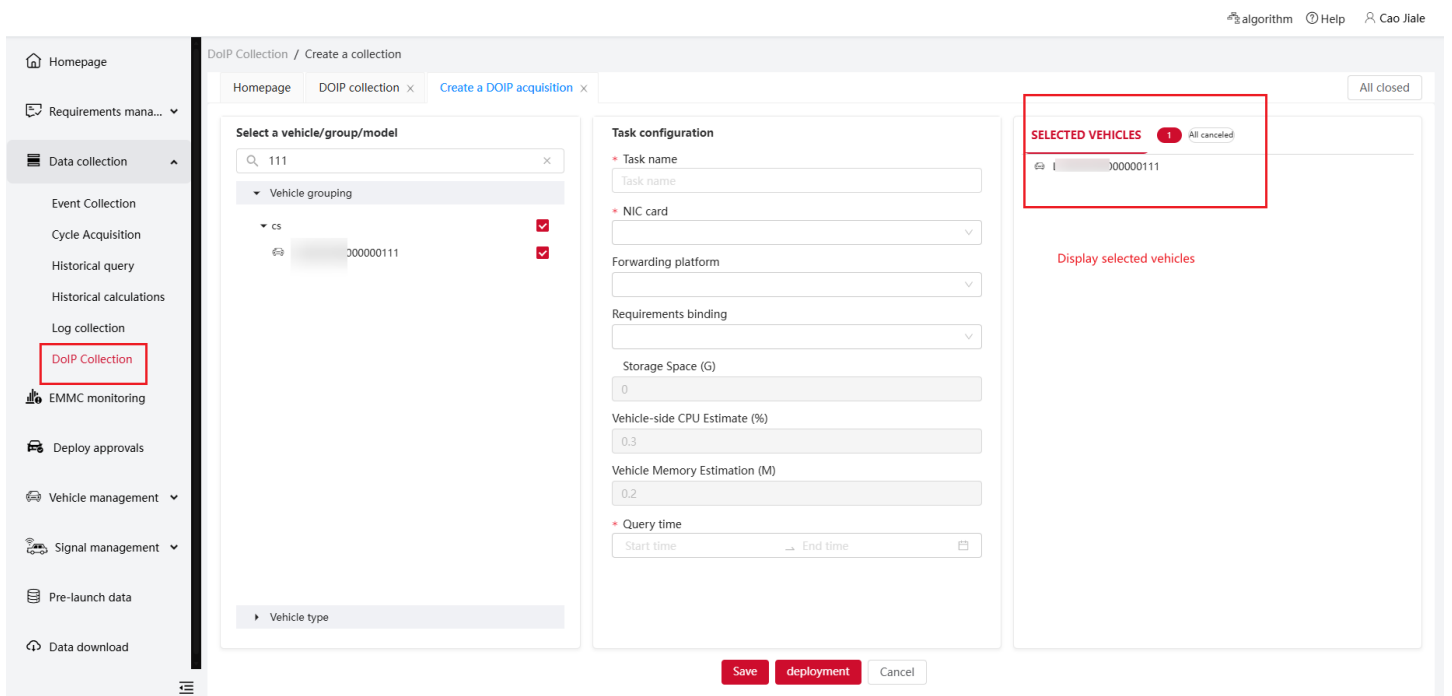
Display Selected Vehicles

Save deployment Cancel

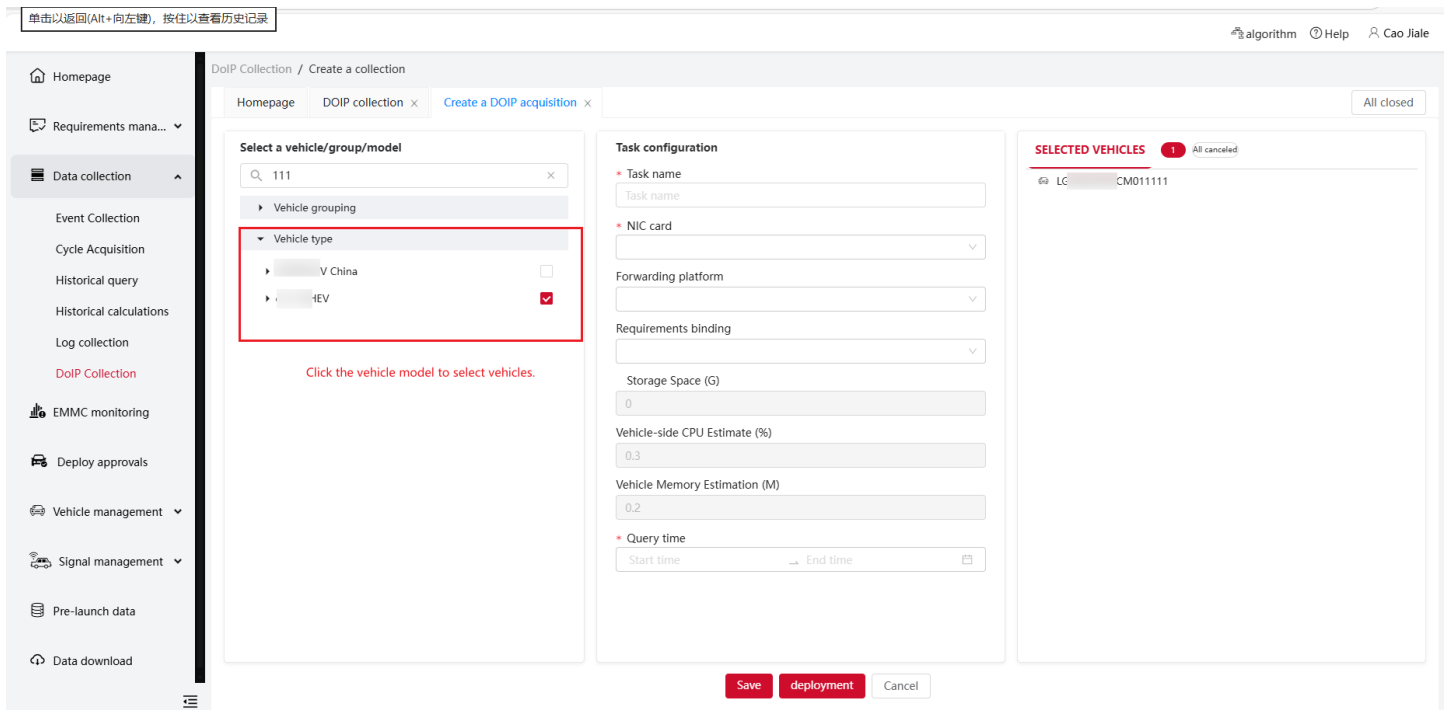
- Click the "Select Vehicles and Groups" search box, enter the VIN or group name, and the relevant vehicles/groups will be displayed in the list below. Fuzzy search is supported.



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

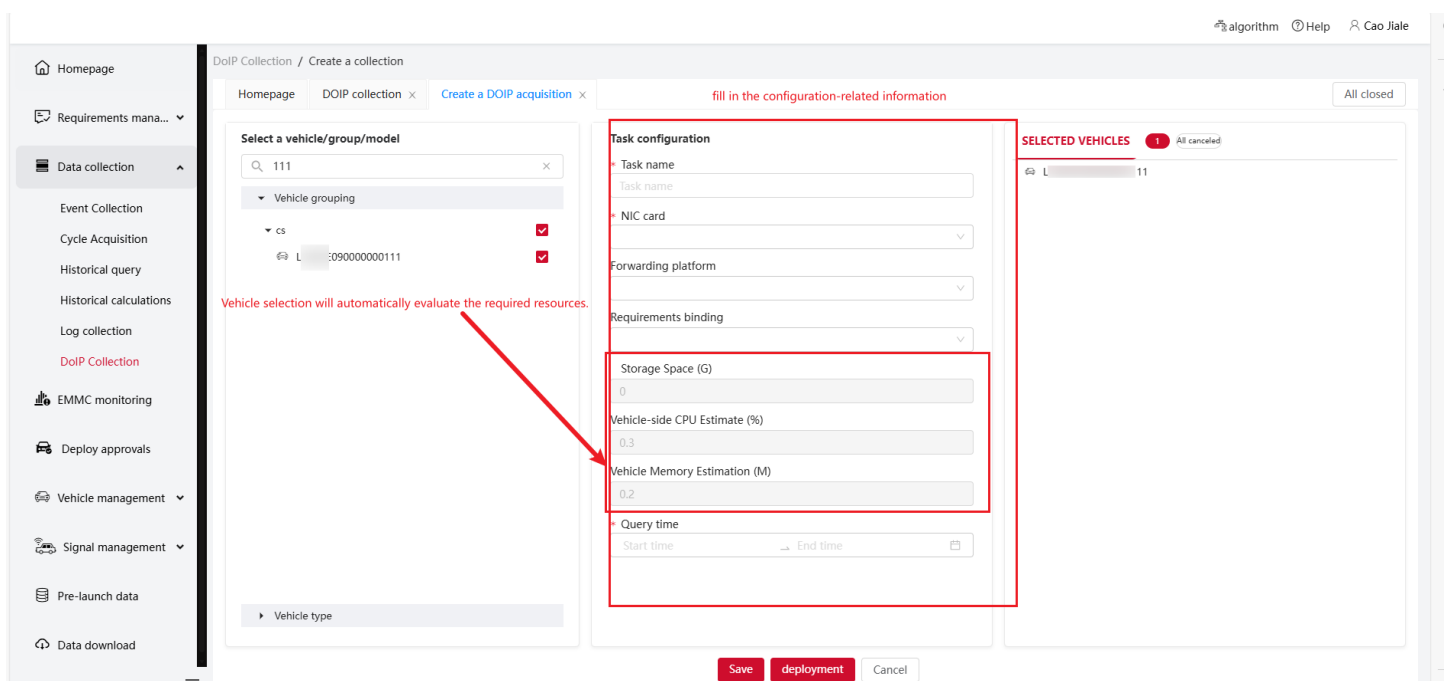


- Click "Vehicle Model" to expand the vehicle model and series group (collapsed by default). You can select all vehicles under a specific model by checking the corresponding checkbox.

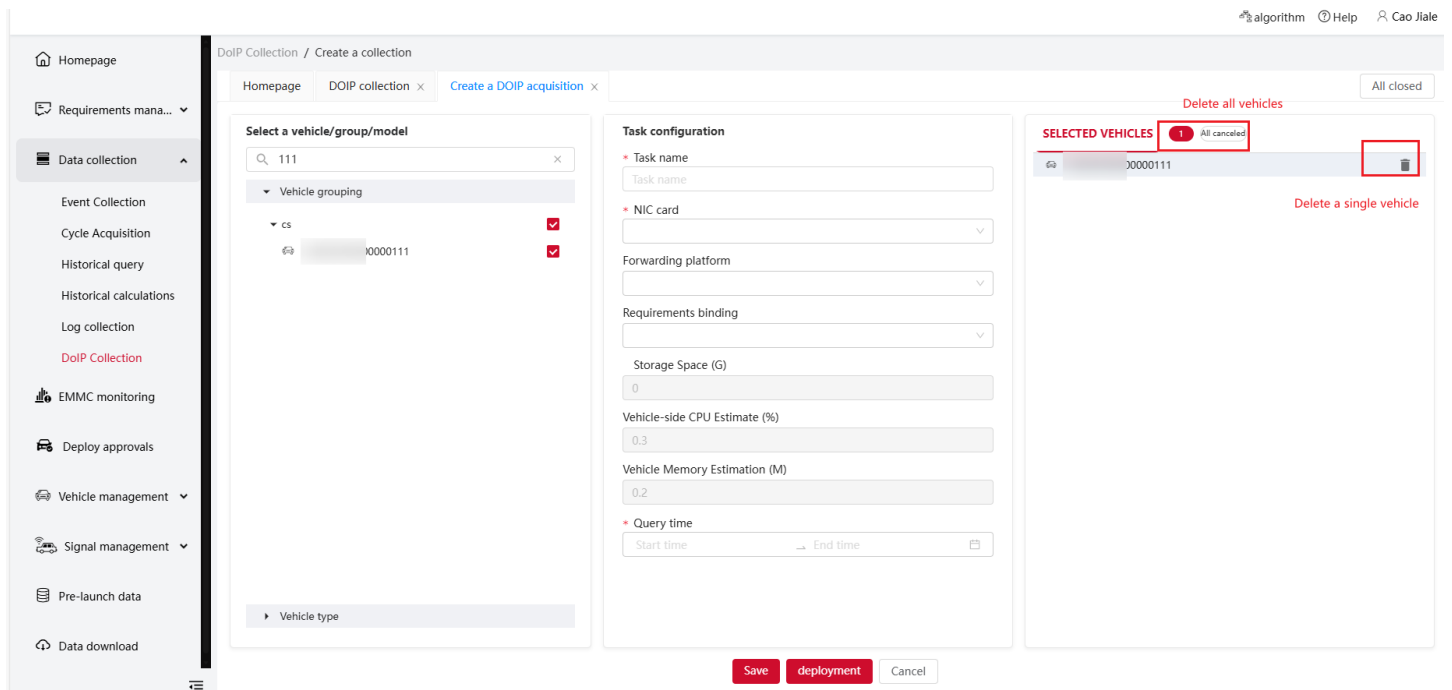


## 10.1.2 Task Configuration

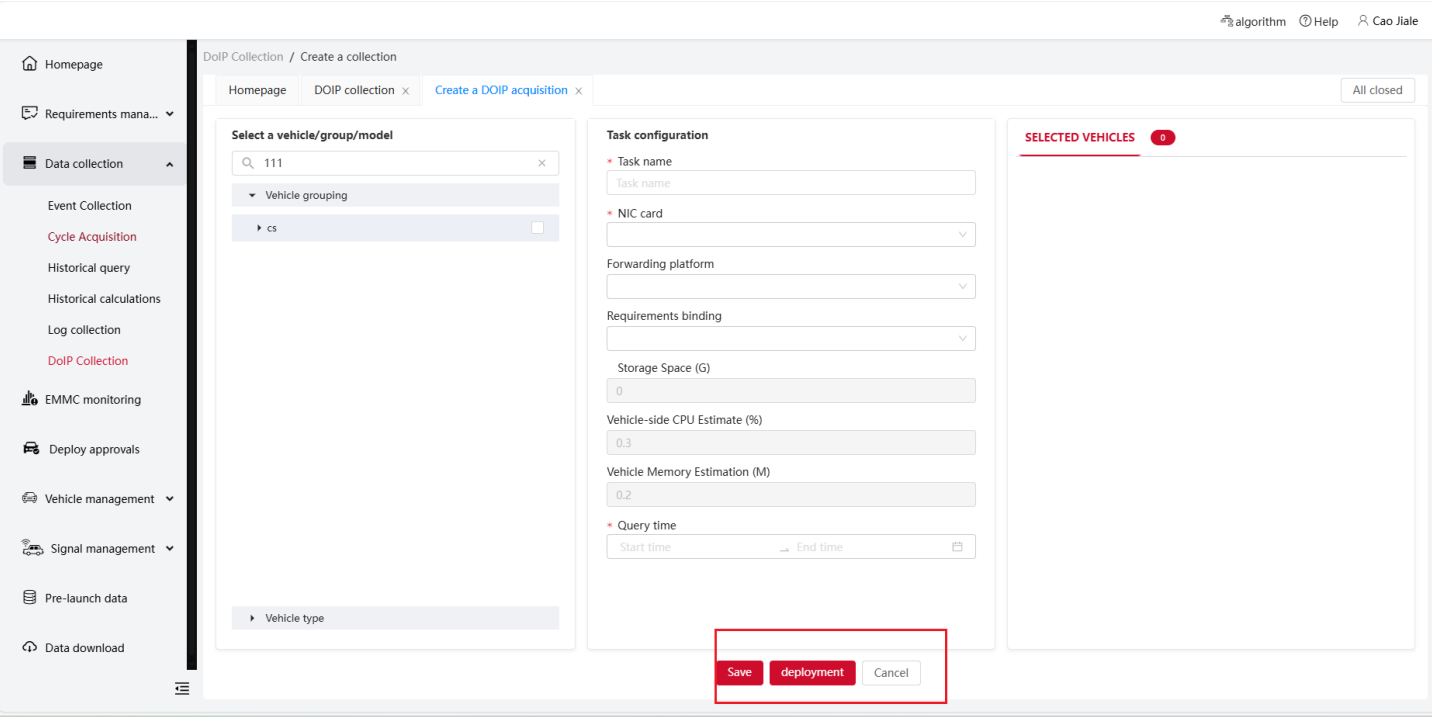
- Click the "Task Name" input box and enter a task name. It supports Chinese characters, numbers, letters, hyphens and underscores. The task name must be unique.
- Click the "Network Interface Card" dropdown menu. It supports VLAN2 and VLAN8, and this is a mandatory field.
- Click the "Forwarding Platform" 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.



- 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.



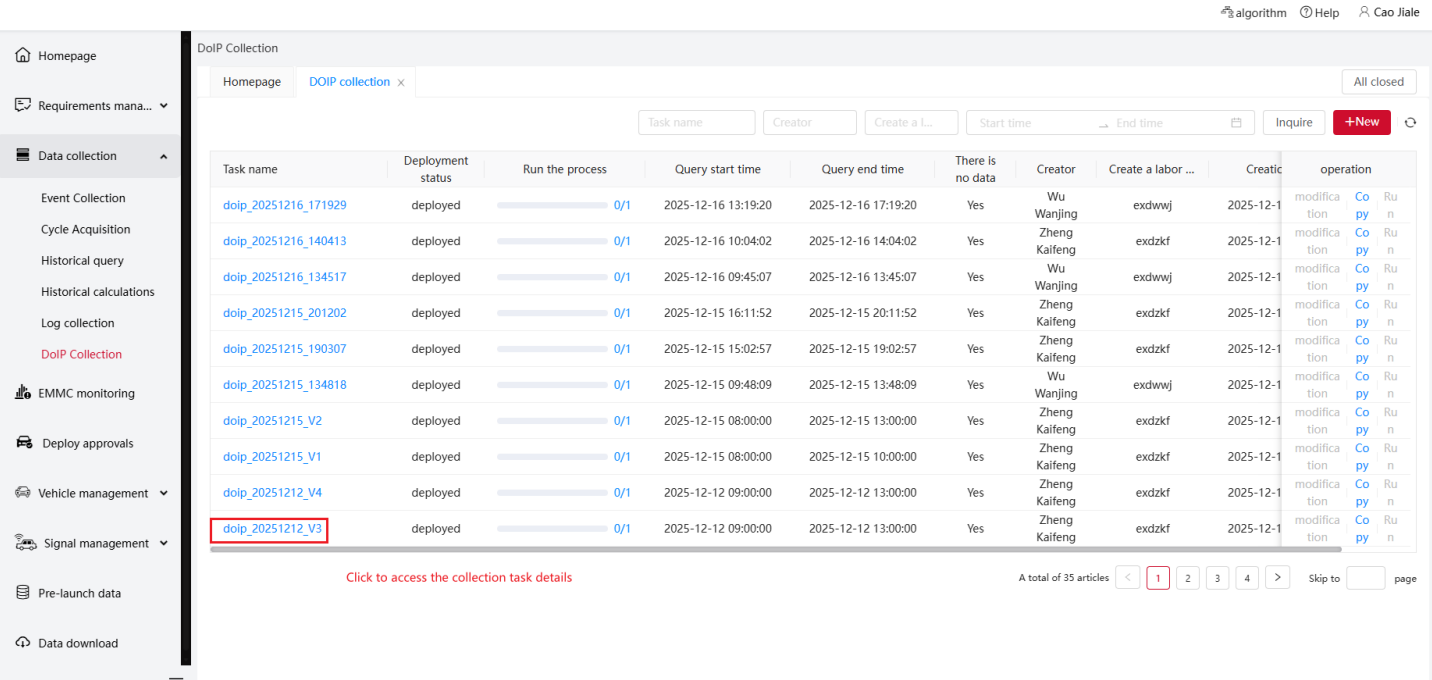
- After completing the configuration, click the Save button to save the data of this periodic collection task. The task will not be delivered or deployed. You can re-enter the page to modify and then deploy and deliver it.
- Click the Deploy button to submit the task for approval. Once approved, the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

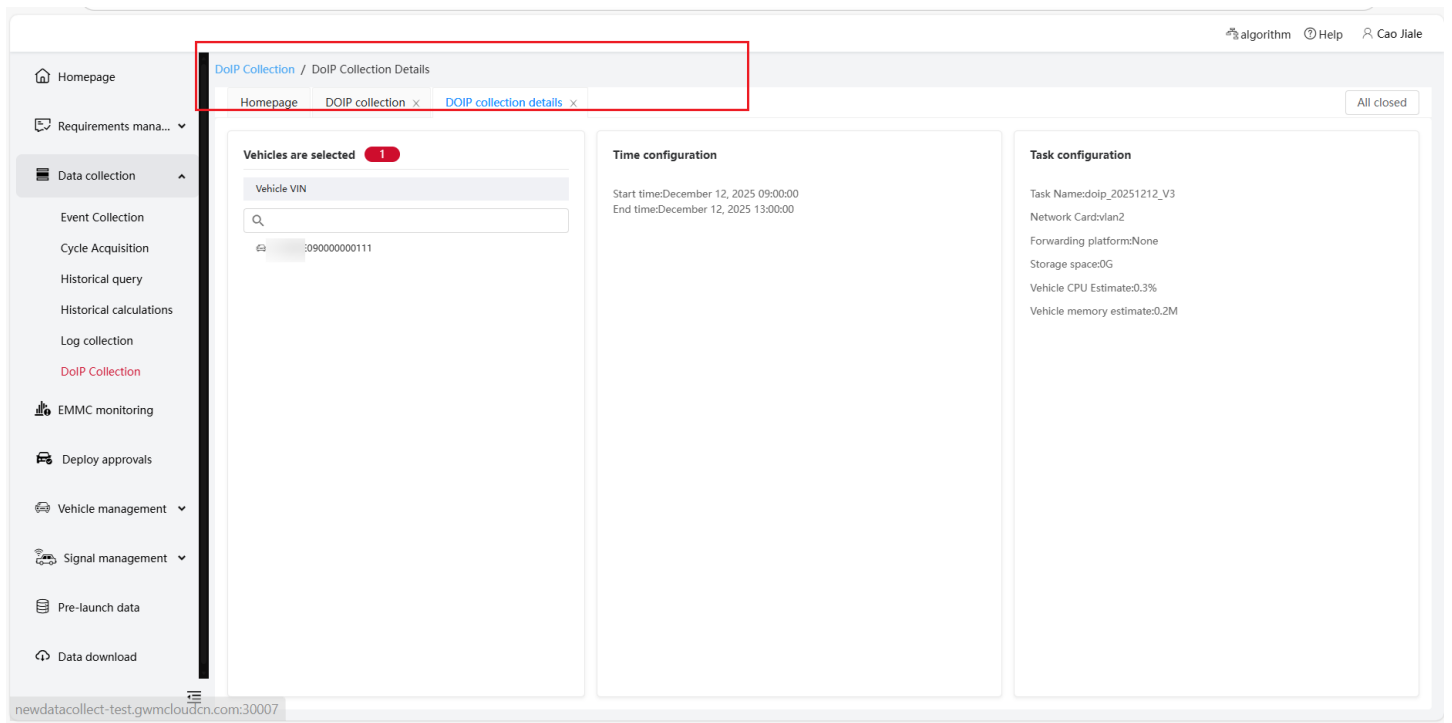


## 10.2. View Collection Task Details

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.

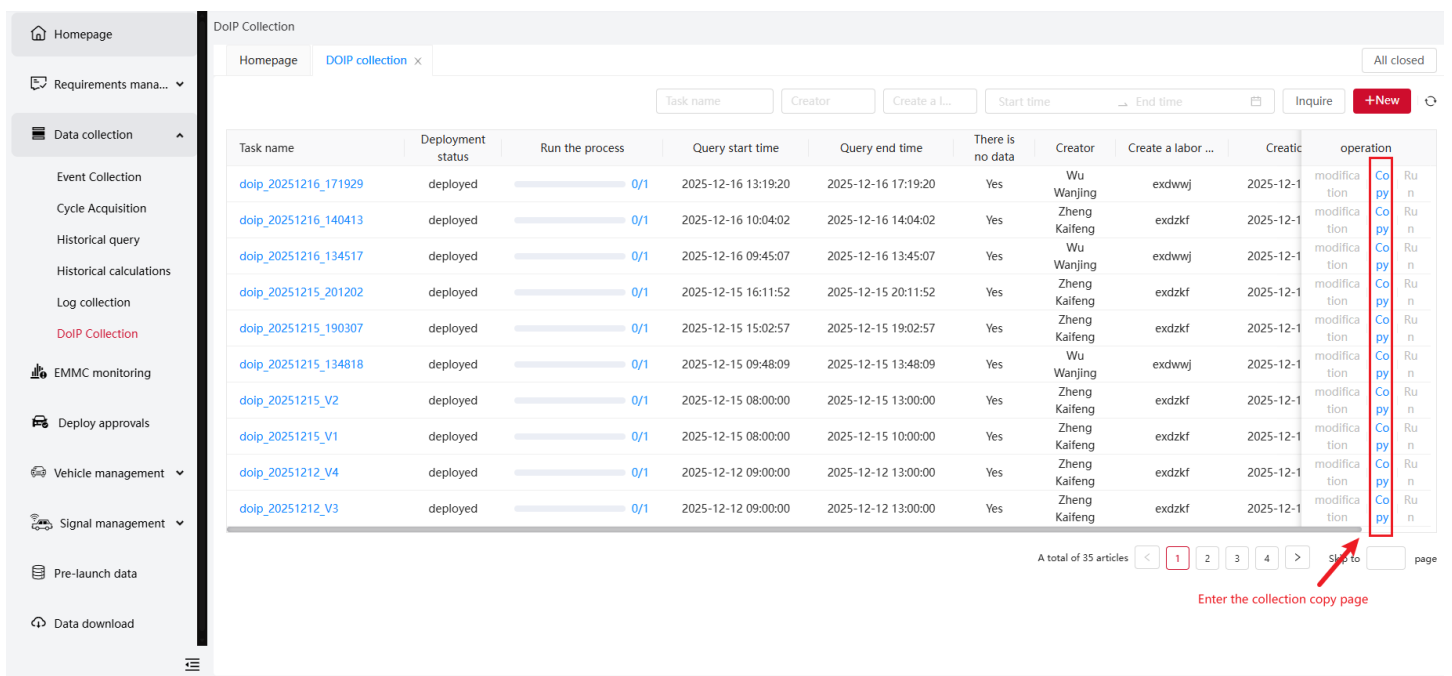


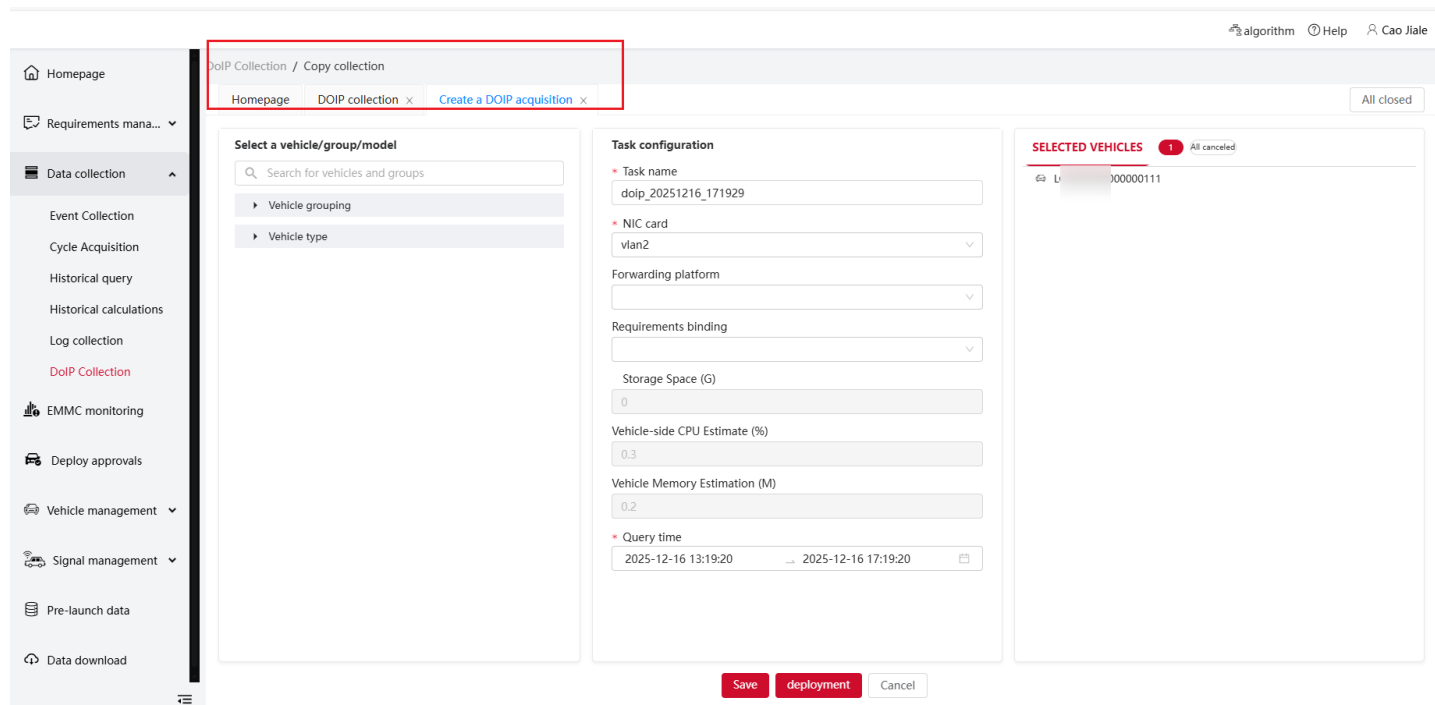


## 10.3 Collection Copy

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.

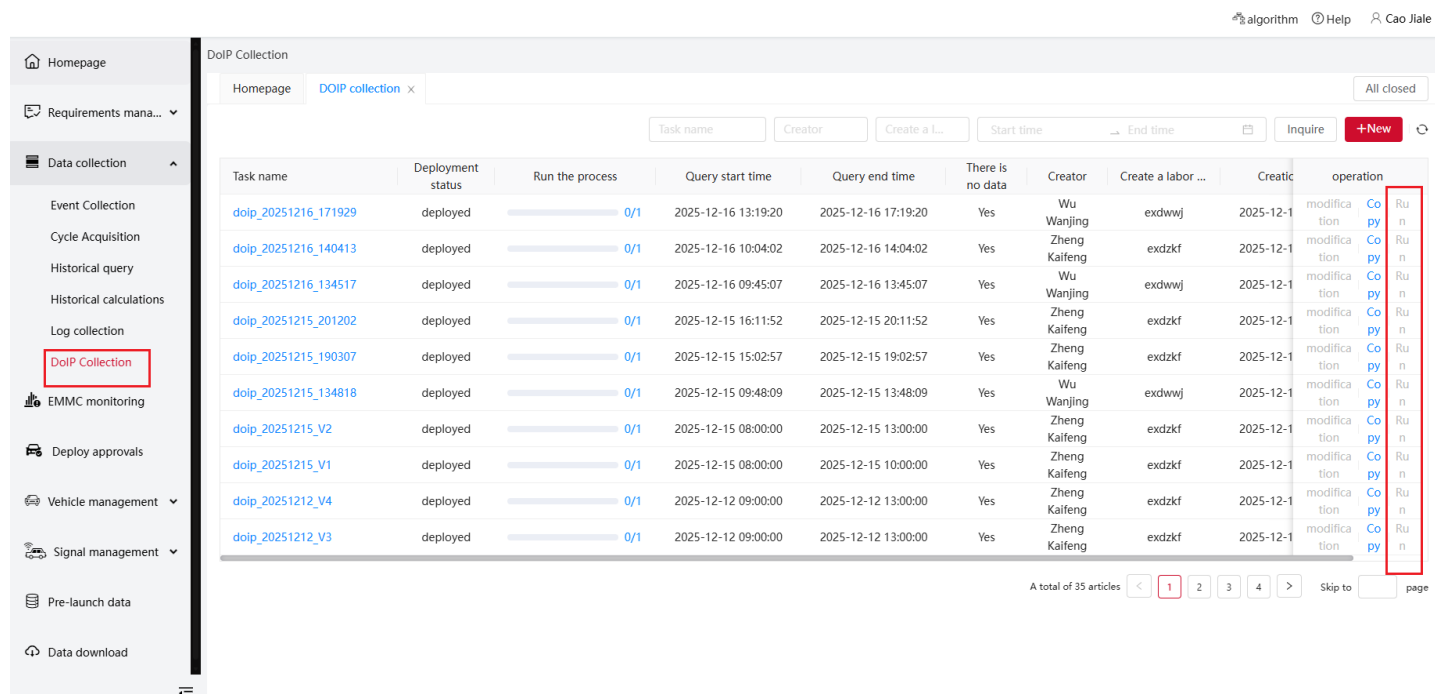




## 10.4 Run Operation

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.



## 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

DoIP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

DoIP Collection

Homepage

DOIP collection

All closed

Task name

Creator

Create a L...

Start time

End time

Inquire

+New

Task name	Deployment status	Run the process	Query start time	Query end time	There is no data	Creator	Create a labor ...	Creati	operation
doip_20251216_171929	deployed	0/1	2025-12-16 13:19:20	2025-12-16 17:19:20	Yes	Wu Wanling	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 Wanling	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 Wanling	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

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

DoIP Collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

DoIP Collection / Run the process

Homepage

DOIP collection

DOIP running process

All closed

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

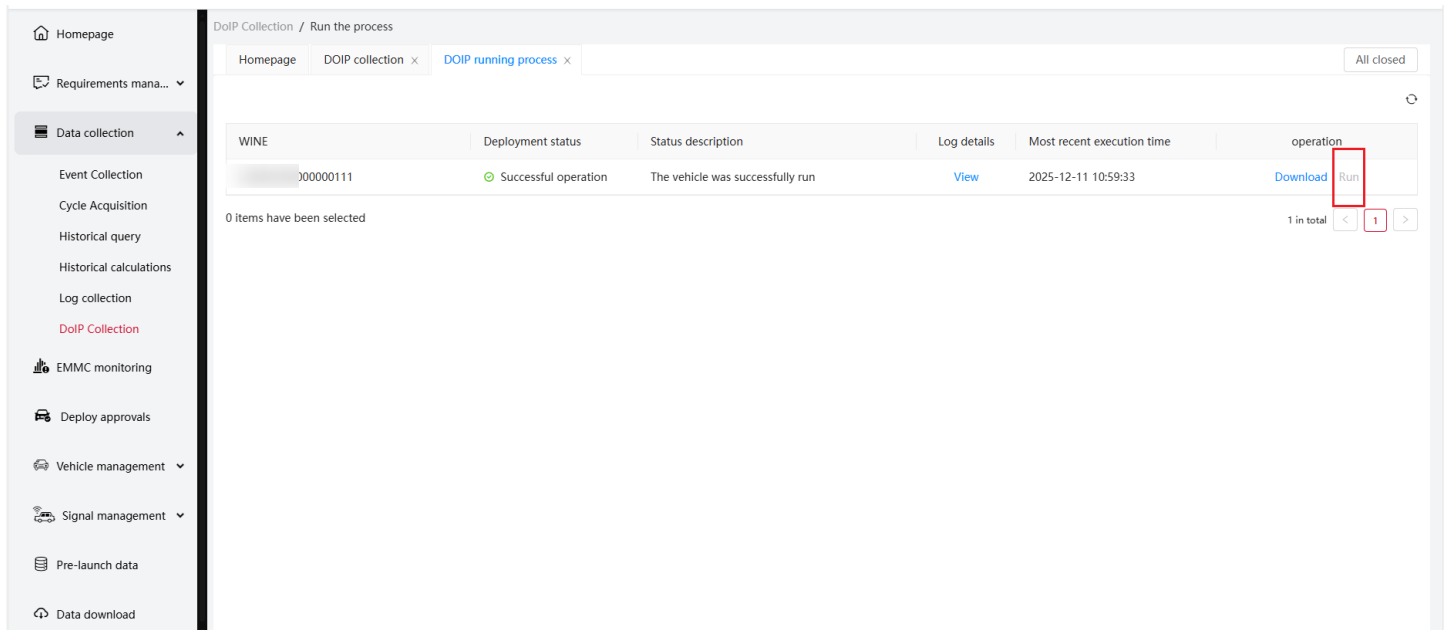
1

### 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.

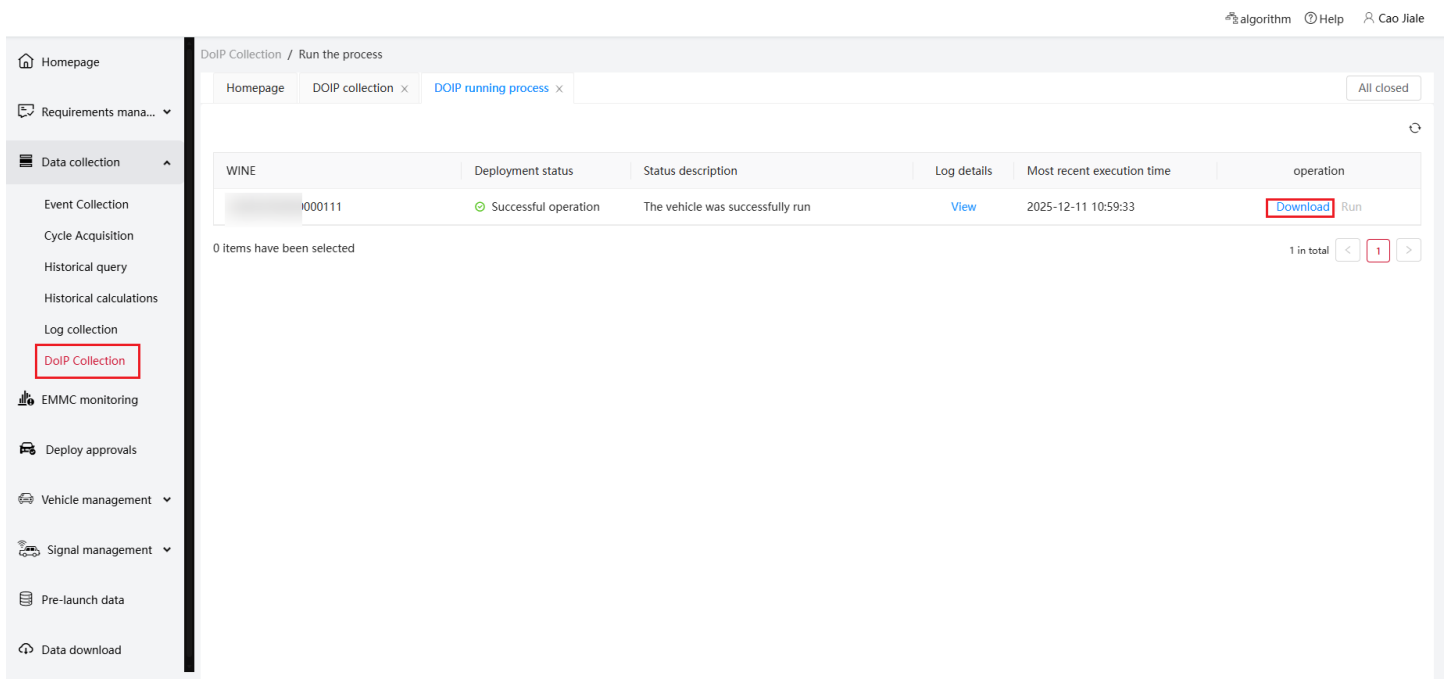
Click Run to start the vehicle and update the deployment status.





## 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.



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.



- 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.

Homepage

Requirements manage...

Data collection

**EMMC monitoring**

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

EMMC monitoring

Homepage

EMMC management

All closed

VIN number

Detection start time

The end time of th...

Inquire

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.

Homepage

Requirements manage...

Data collection

**EMMC monitoring**

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

EMMC monitoring

Homepage

EMMC management

All closed

VIN number

Detection start time

The end time of th...

Inquire

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

pag

EMMC monitoring

Click to pop up the error details

Details

["checkStatus":0,"currentTime":1765946890363,"info":{"Checking blocks 0 to 3567487 Checking for bad blocks (read-only test): done Pass completed, 0 bad blocks found. (0/0/0 errors)","msg":"Success"}]

VIN number	Detect the start block	Detect the end block	Error block	Detection time	Creation time	operation
000038	0	3567487	0	2025-12-17 12:48:10	2025-12-17 12:49:33	Details Historical data
000033	0	3774872	0	2025-12-17 12:41:48	2025-12-17 12:45:43	Details Historical data
000052	0	3774872	0	2025-12-17 12:15:07	2025-12-17 12:19:22	Details Historical data
000039	0	3774872	0	2025-12-17 12:12:30	2025-12-17 12:16:34	Details Historical data
000106	0	3567487	0	2025-12-17 12:03:46	2025-12-17 12:07:55	Details Historical data
000076	0	3567487	0	2025-12-17 12:02:50	2025-12-17 12:04:55	Details Historical data
000079	0	3567487	0	2025-12-17 11:59:18	2025-12-17 12:00:17	Details Historical data
000034	0	3774872	0	2025-12-17 11:48:23	2025-12-17 11:52:34	Details Historical data
000025	0	3774872	0	2025-12-17 11:35:44	2025-12-17 11:39:33	Details Historical data
000046	0	3774872	0	2025-12-17 11:27:14	2025-12-17 11:34:50	Details Historical data

There are 153 articles in total

## 11.1.2 View EMMC Historical Data

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

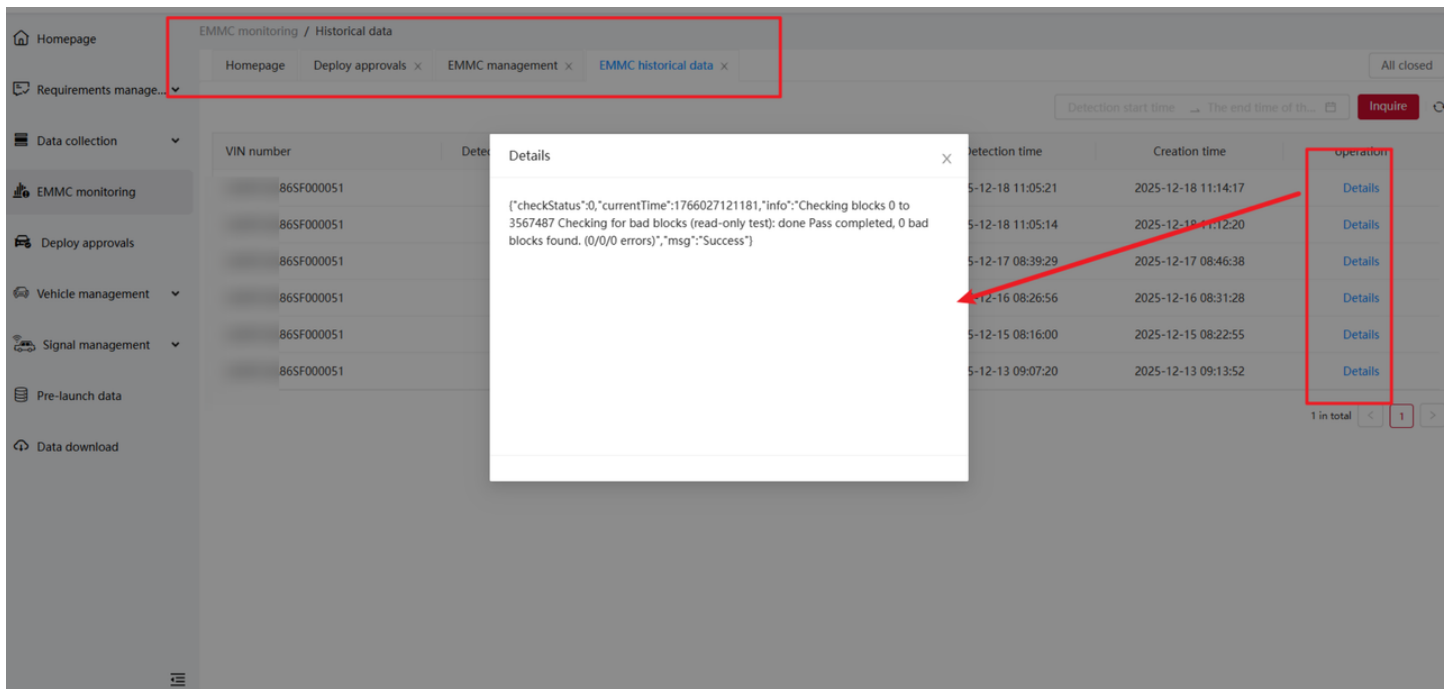
- The list displays VIN, Detection Start Block, Detection End Block, Error Block, Collection Time, Creation Time and Operations.
- Select a time period to filter the data.
- Click Details in the operations section to view the detailed error information of the corresponding EMMC data record of the vehicle.

EMMC monitoring

Details

VIN number	Detect the 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

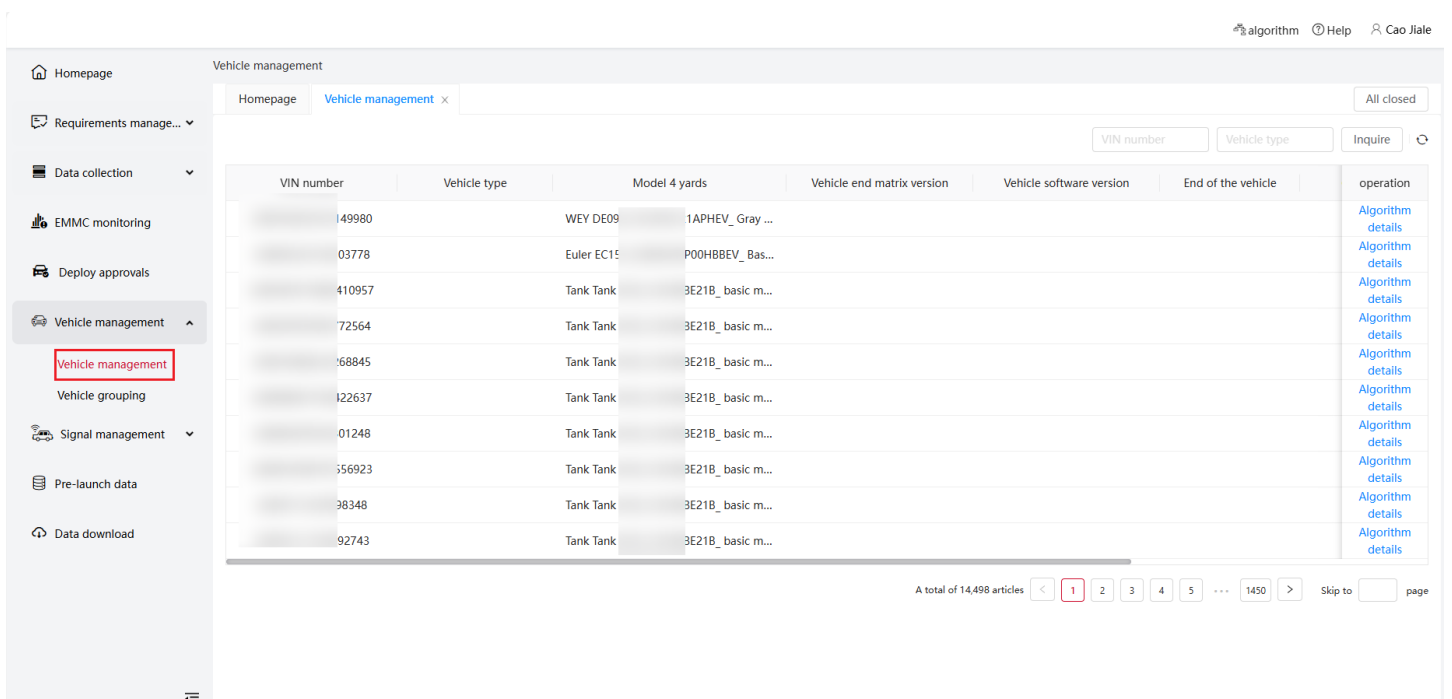
There are 153 articles in total



## 12. Vehicle Management

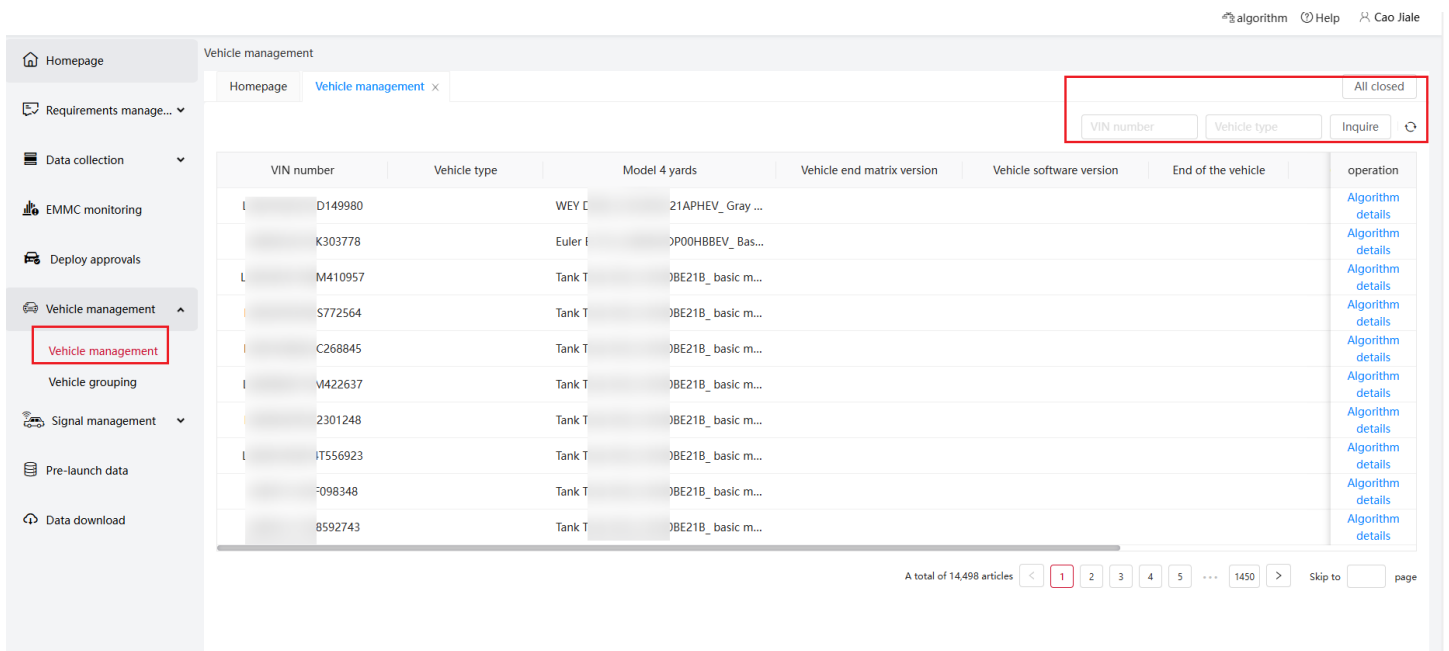
Vehicle Management allows you to view vehicle information synchronized from the TSP.

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



### 12.1 Vehicle List

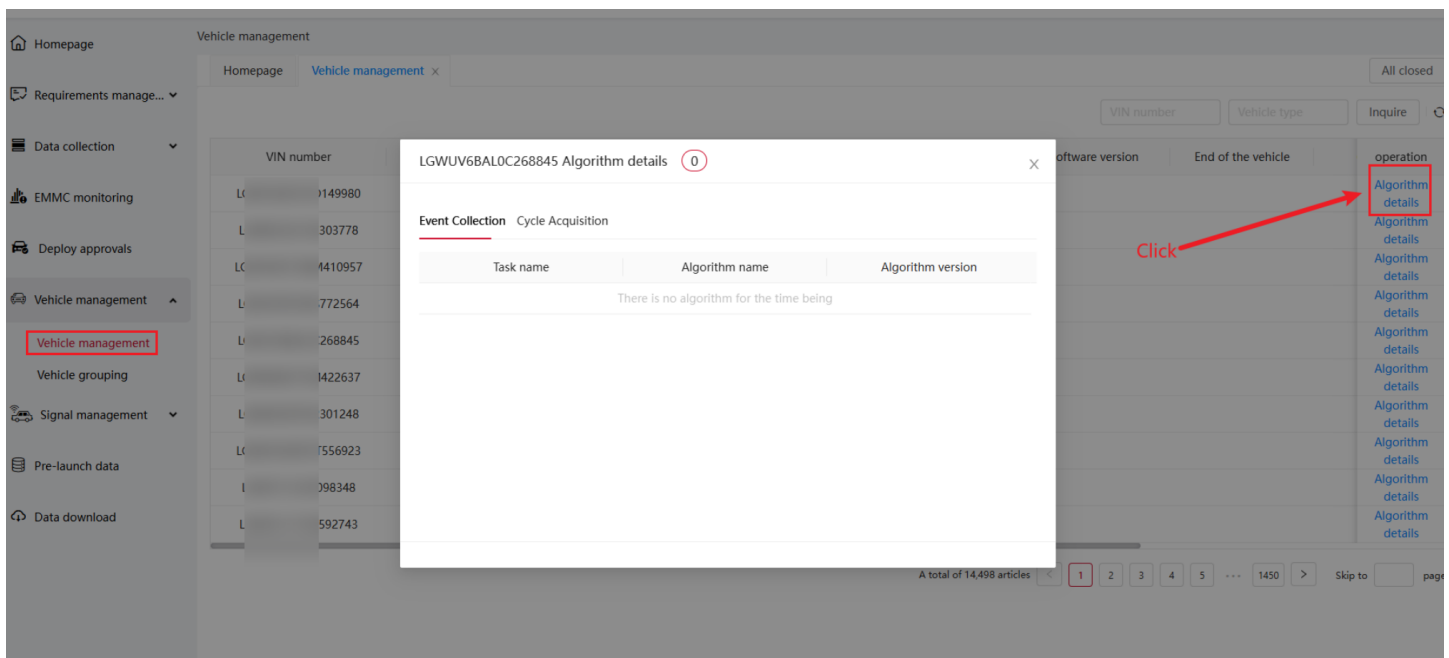
- The list displays: VIN, Vehicle Model, 4-digit Vehicle Model Code, Matrix Version, Heartbeat Time, Creation Time and Operations.
- Supports fuzzy search by VIN and vehicle model.



## 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 × to close the pop-up window.

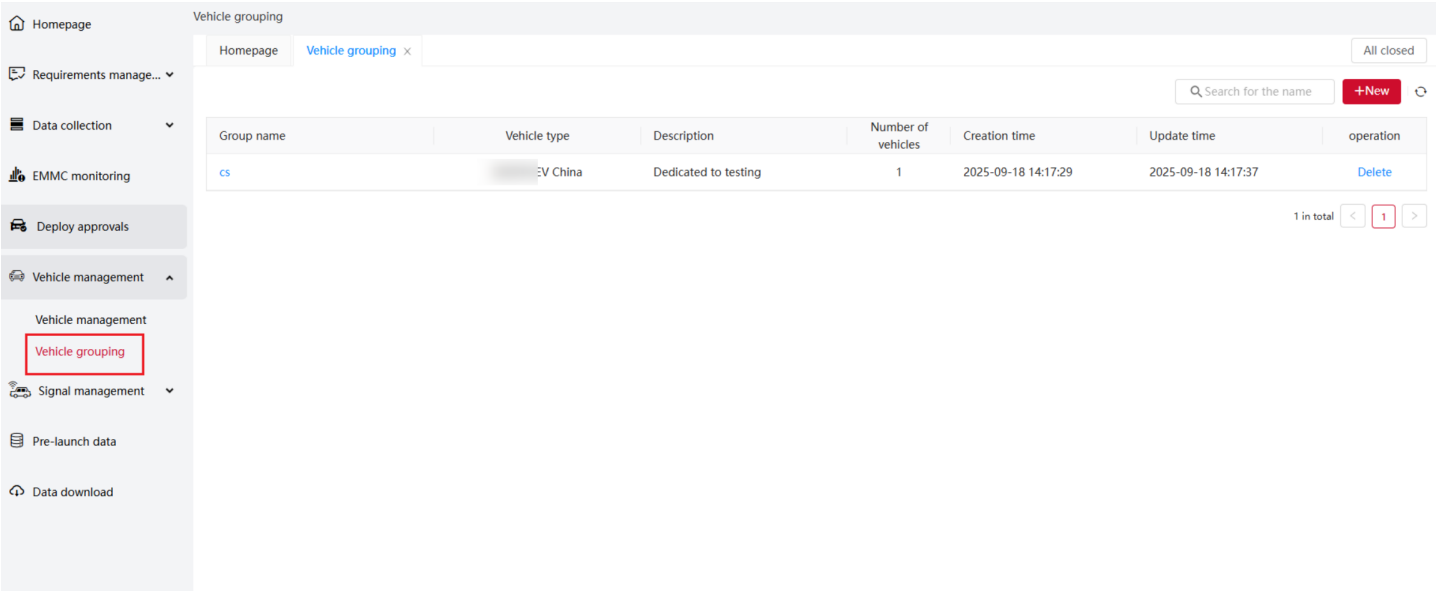


## 13. Vehicle Grouping

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

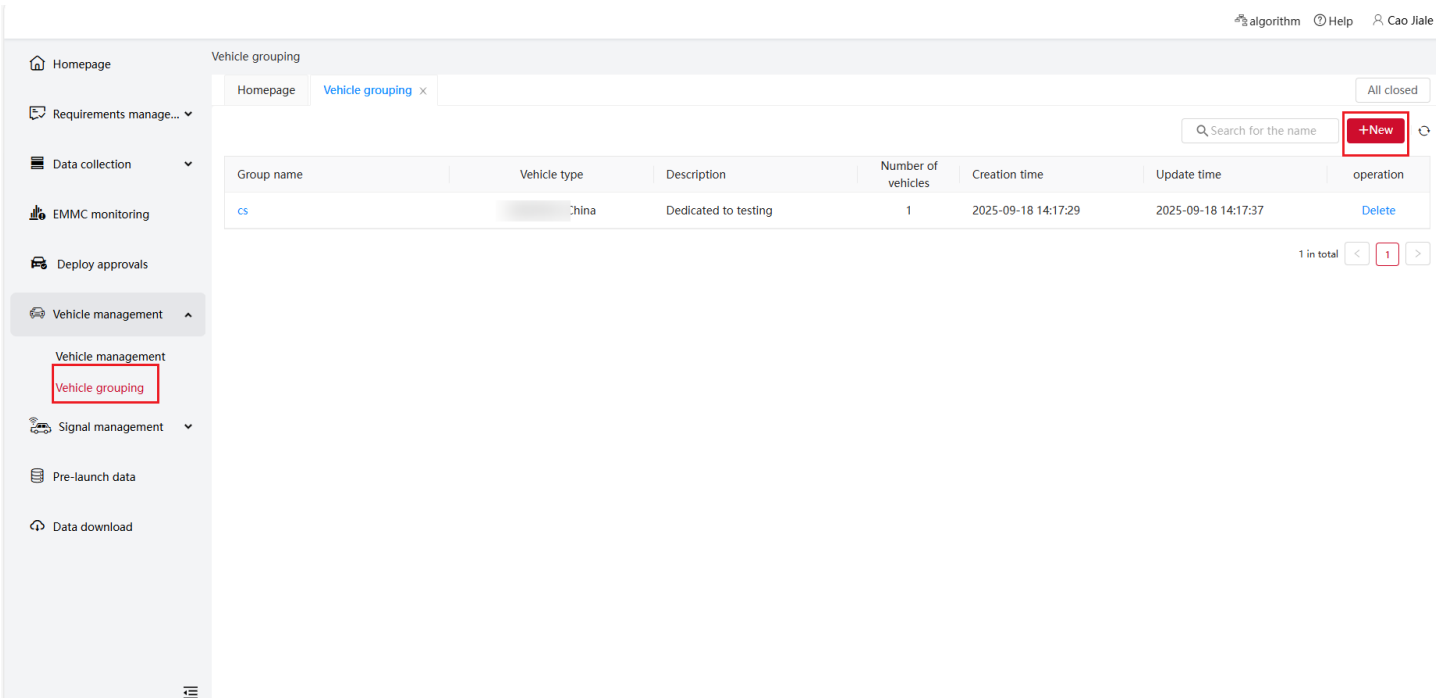
- The list displays Group Name, Number of Vehicles, Creation Time, Update Time and Operations.
- Click the New button to create a new group.

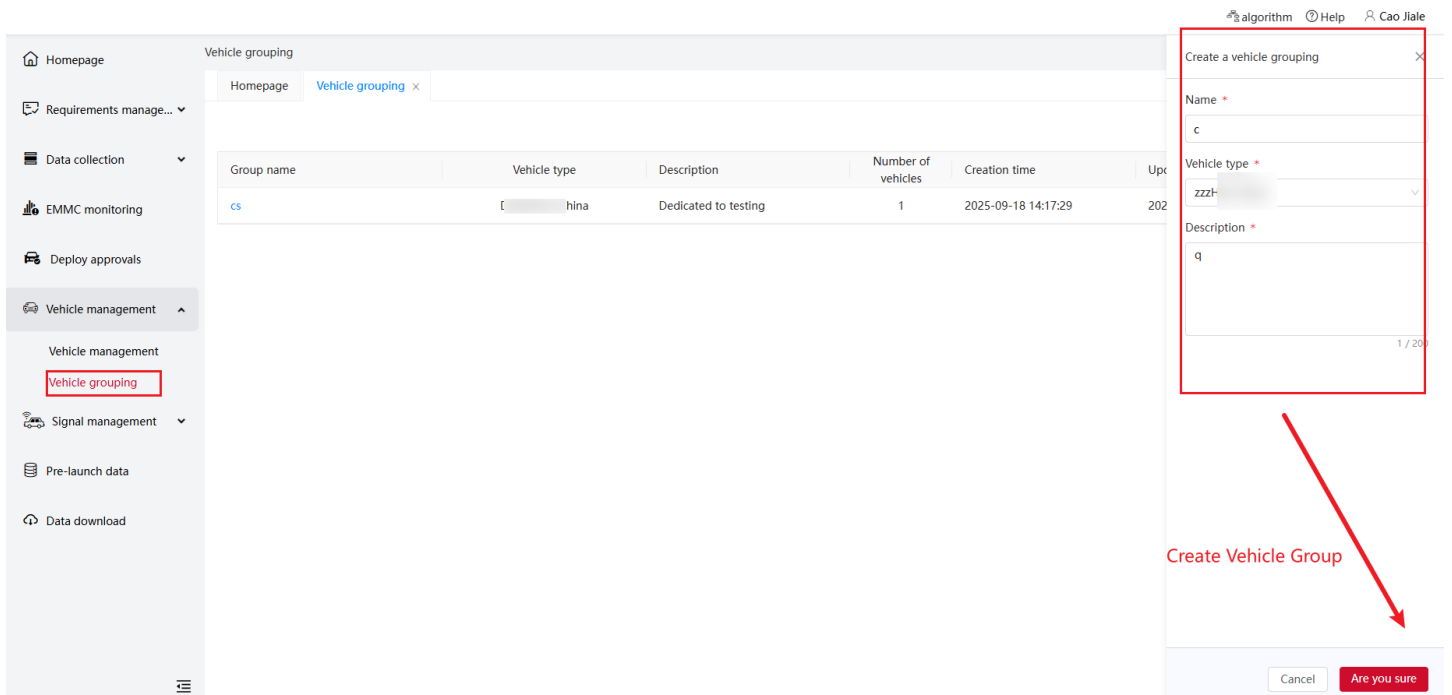
- Enter the keywords of the group name in the search box to perform a fuzzy search for groups.
- Click Delete in the operation items to delete the corresponding group.



### 13.1 Create New Group

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

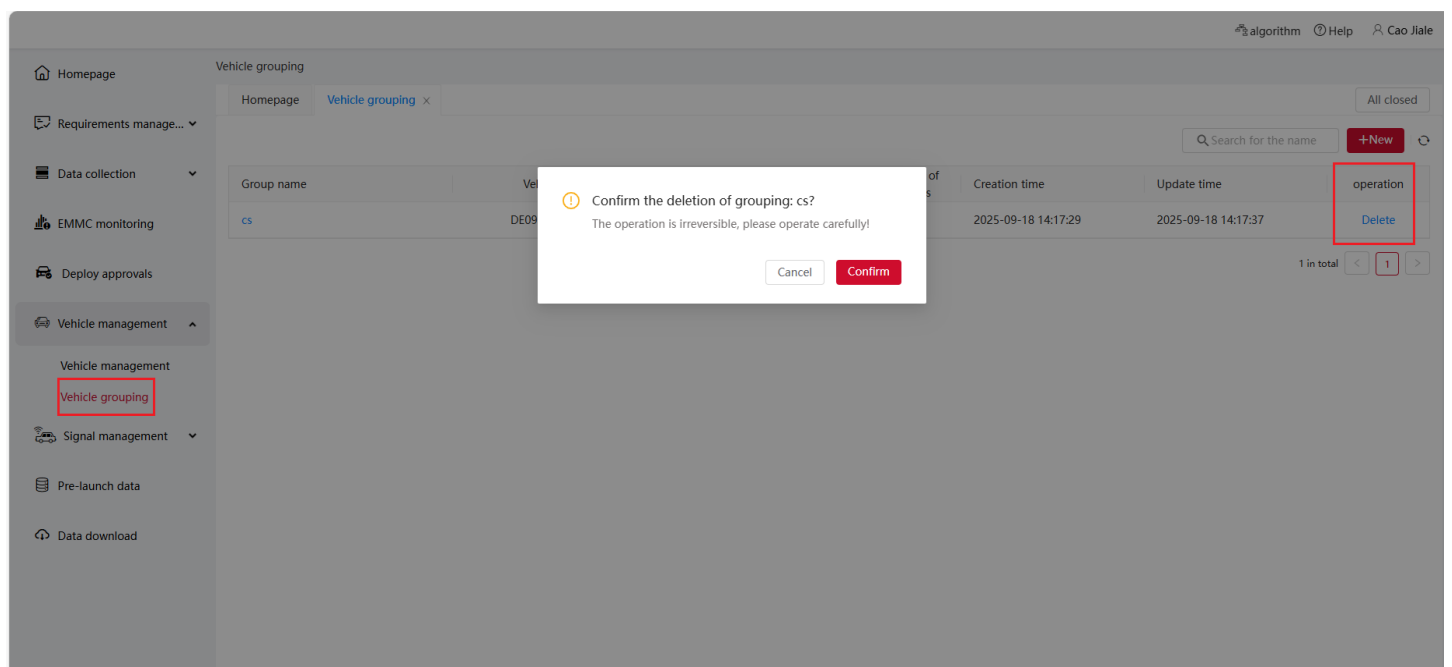




## 13.2 Delete Group

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.

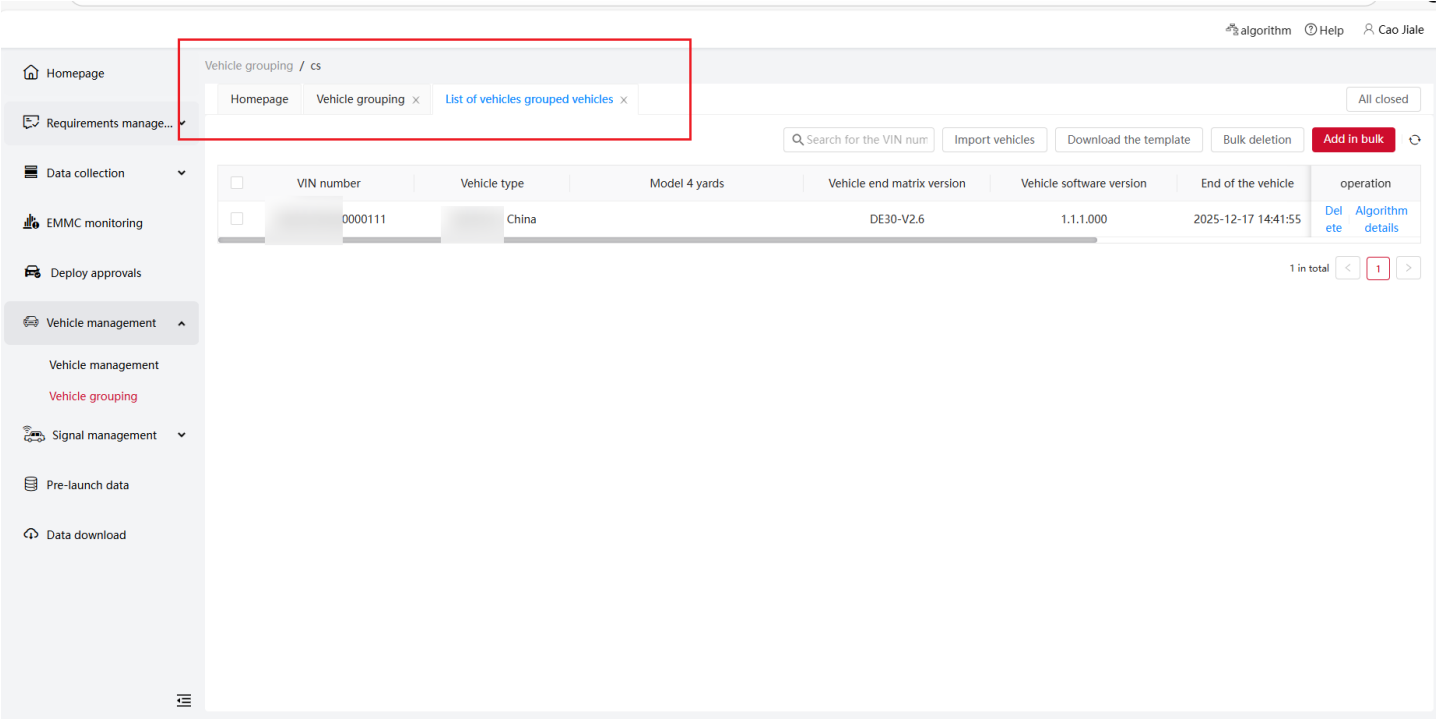
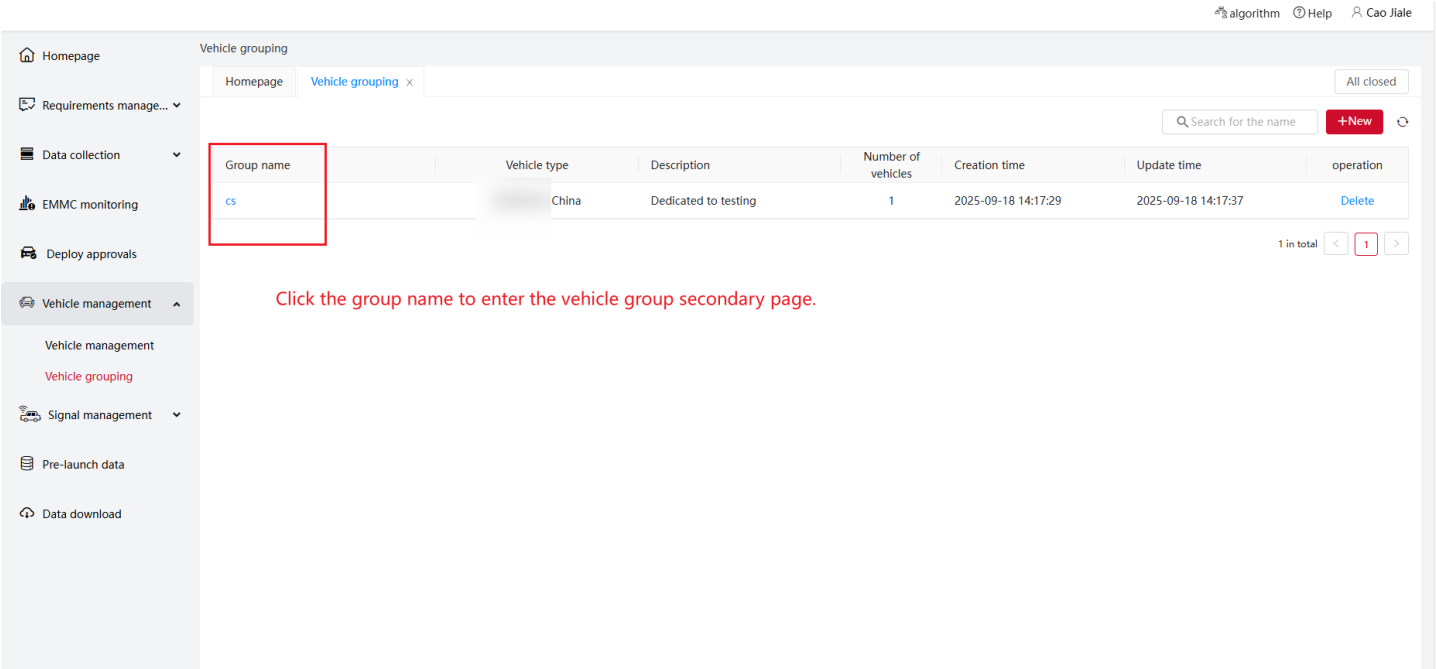


## 13.3 Vehicle Group Secondary Page

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

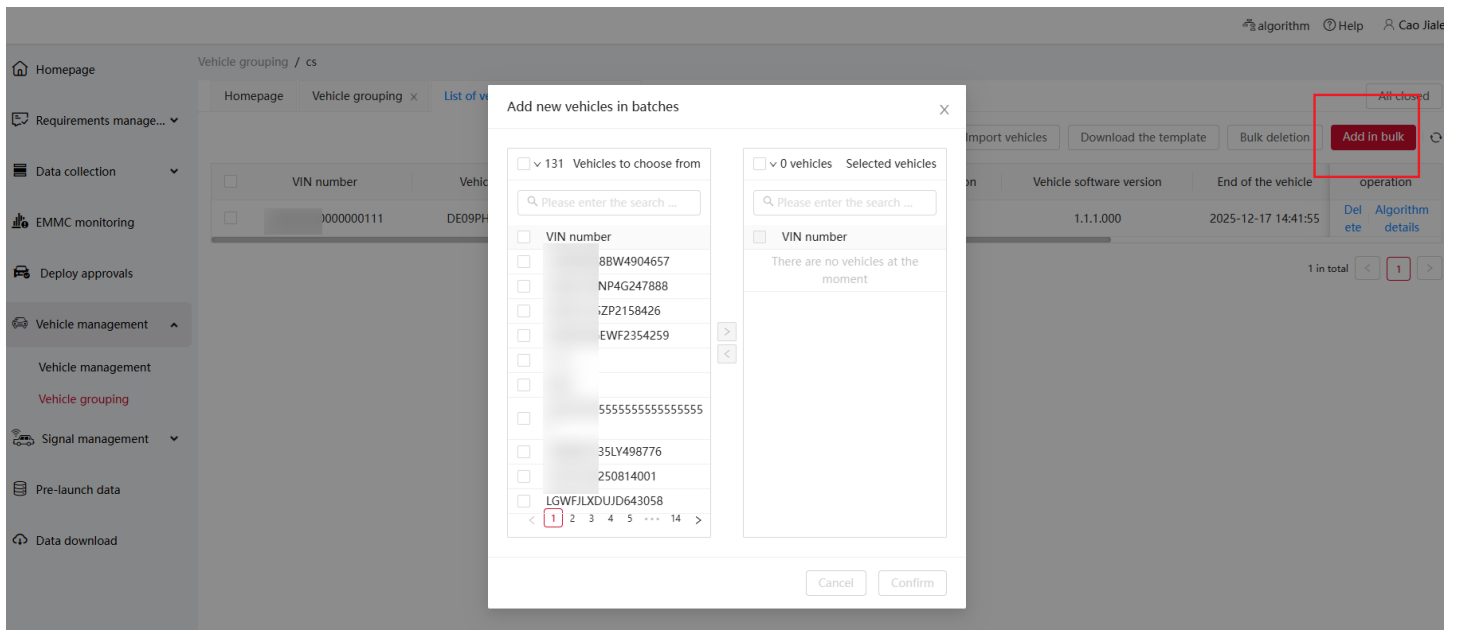


- If the group contains vehicles, the list displays vehicle information.
- Otherwise, "No Data" is shown.

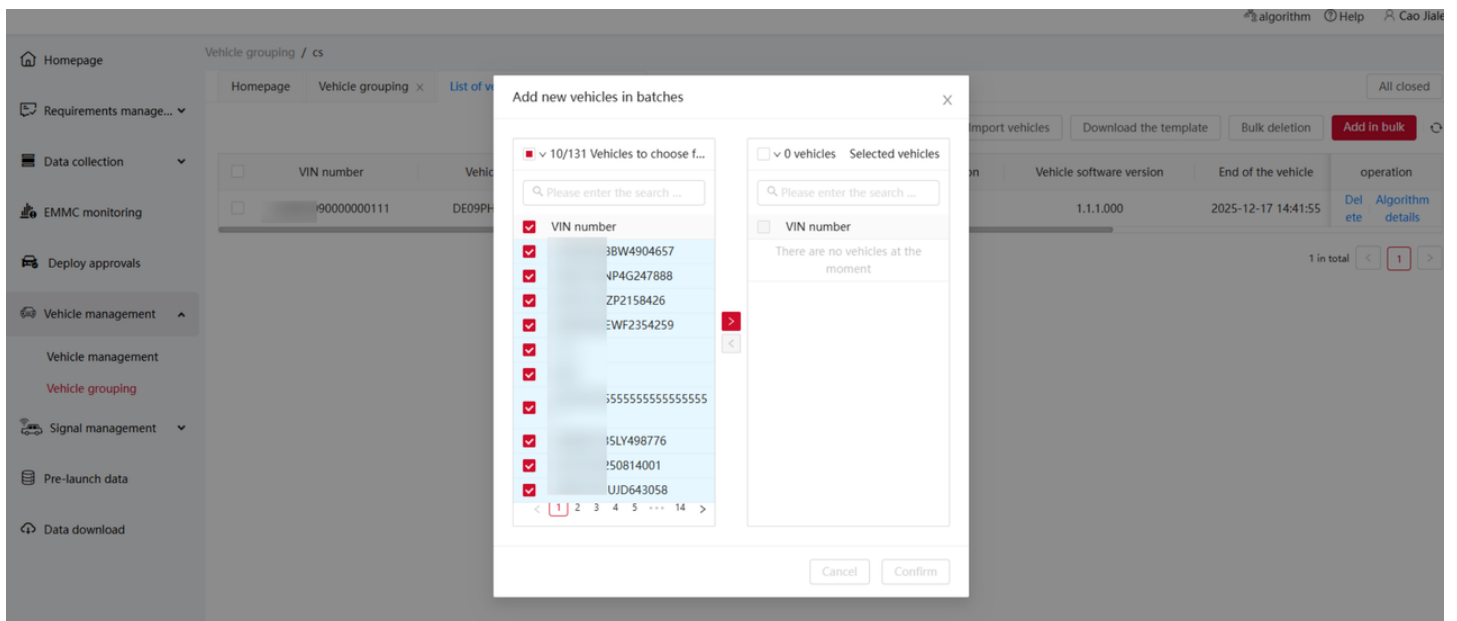


### 13.3.1 Batch Addition

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

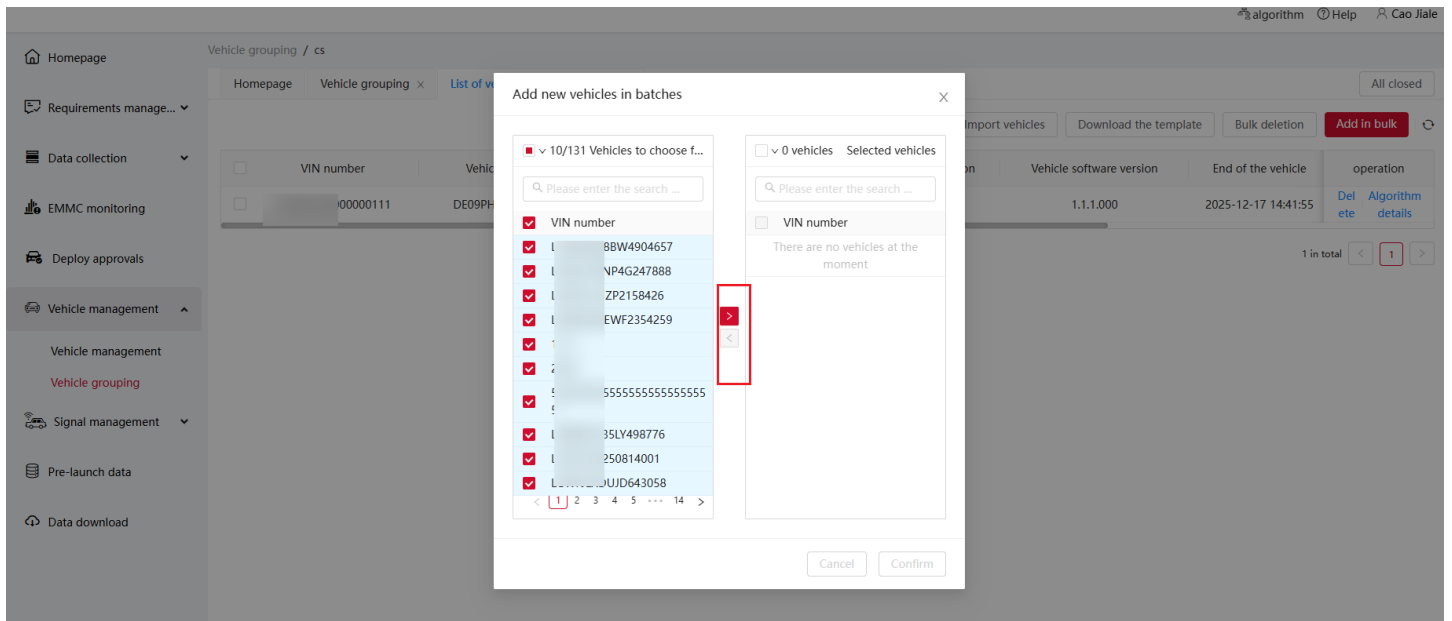


Select the vehicles to be added to this group from the Available Vehicles list on the left.

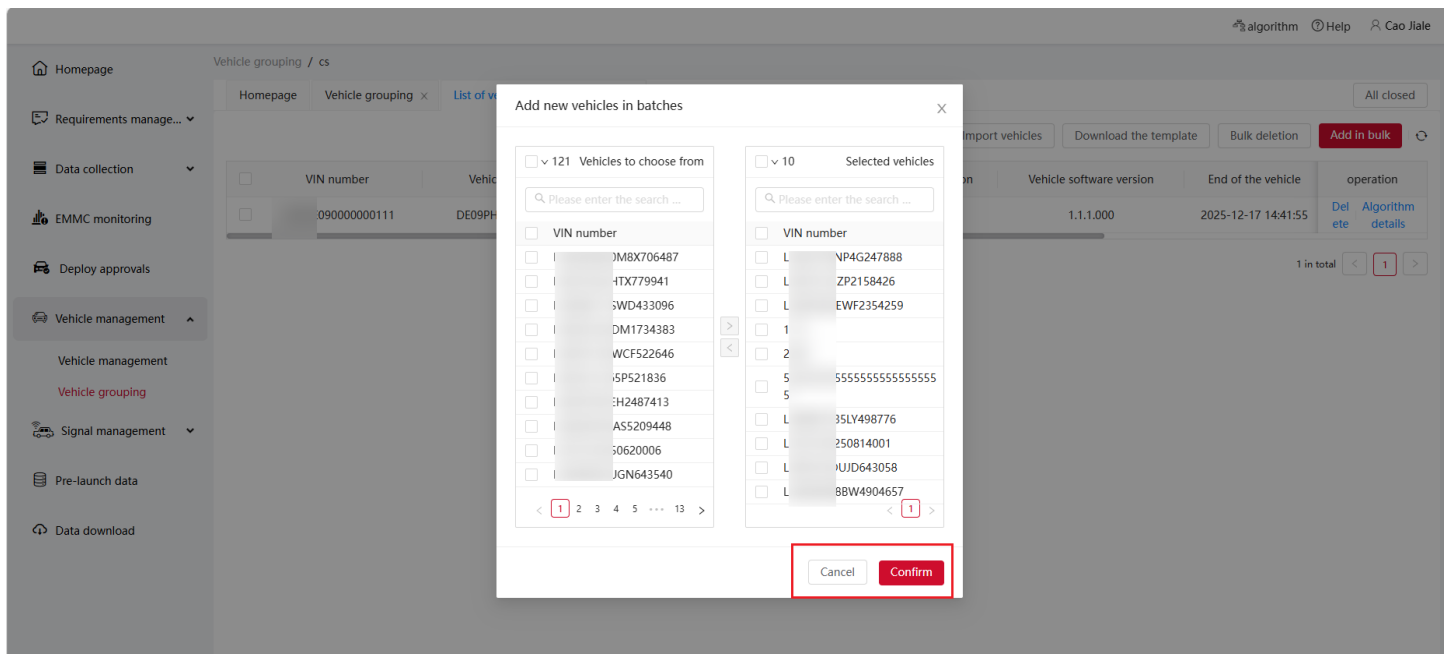


- The Available Vehicles list supports search functionality.
- Vehicles across multiple pages can be selected.
- All available vehicles can be selected with one click.

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



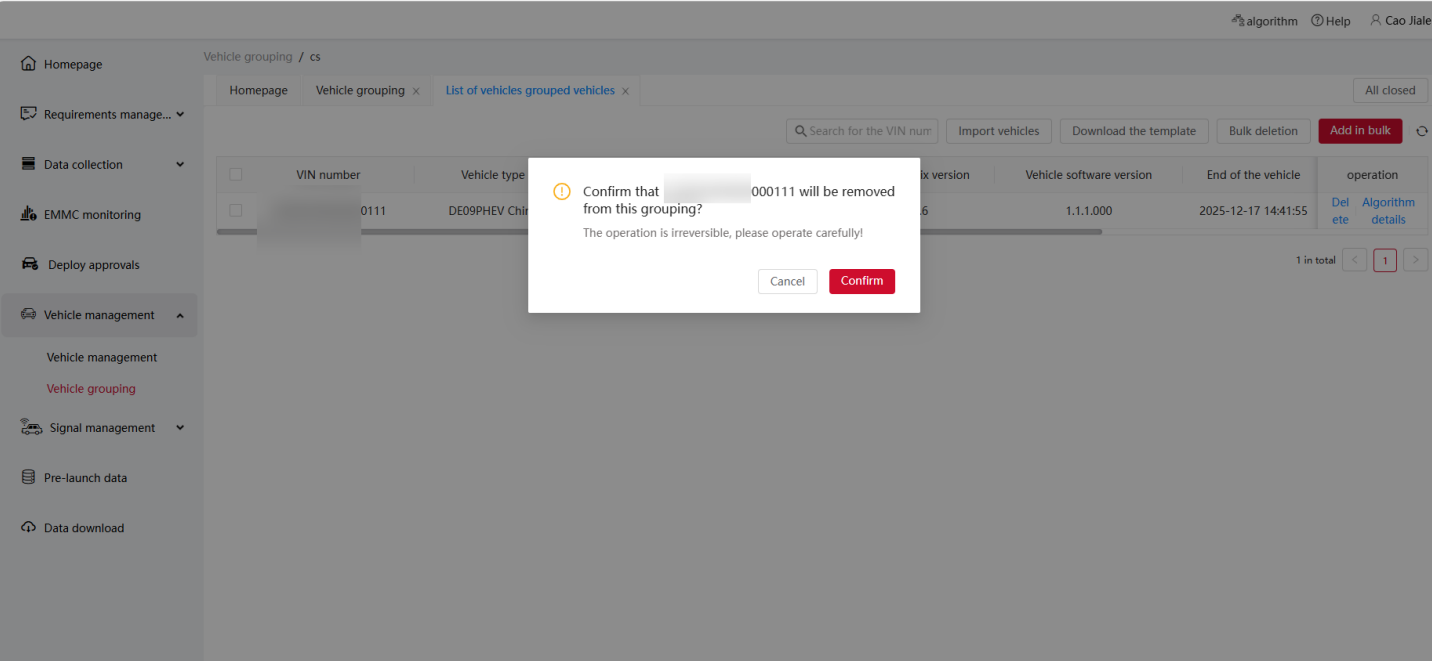
- Click the Confirm button to add the vehicles in the selected vehicle list to this group.
- Click the Cancel button to abort the batch addition operation; the data of the selected vehicles will not be added to this group.
- If the selected vehicles already exist in this group, they will be directly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

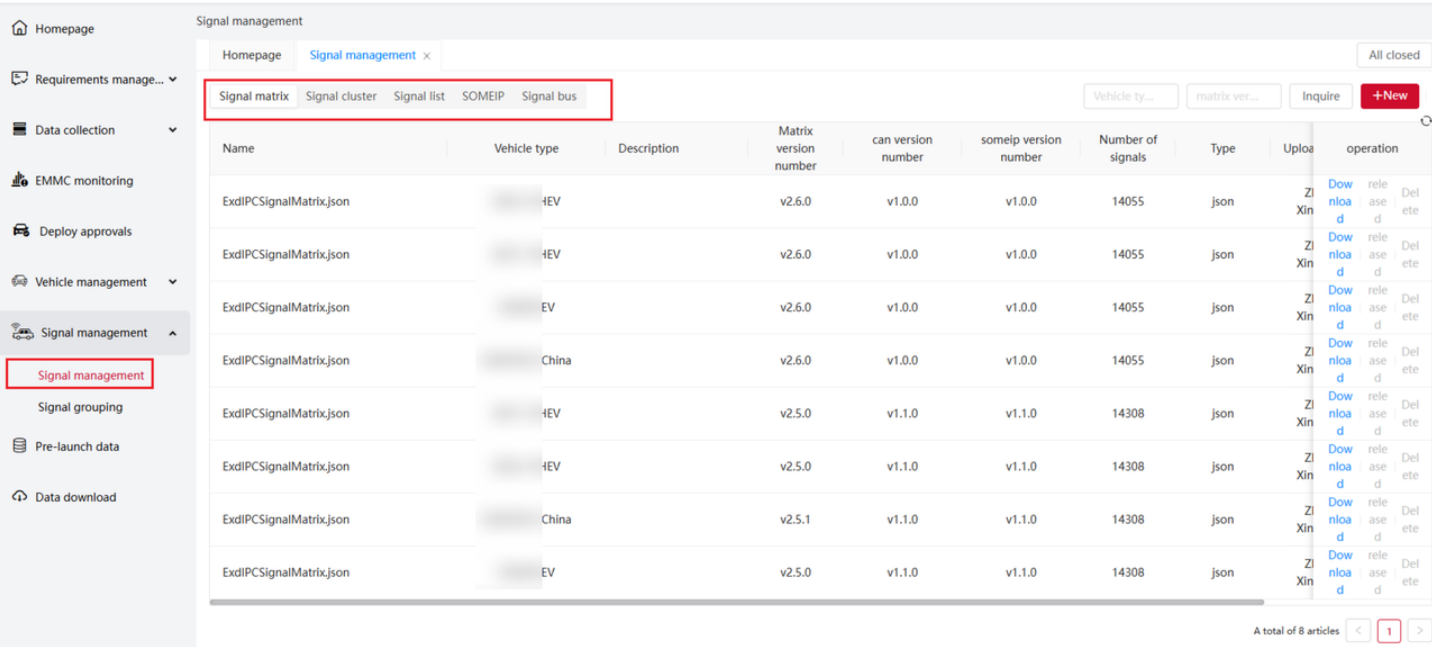


# 14. Signal Management

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.



## 14.1. Signal Matrix

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

algorithm Help Cao Jiale

Homepage

Signal management

Homepage Signal management x

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
ExdlPCSignalMatrix.json	PHEV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	PHEV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	PHEV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	DE V China		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	PHEV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	PHEV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	DE V China		v2.5.1	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	PHEV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete

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.

Homepage

Signal management

Homepage Signal management x

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
ExdlPCSignalMatrix.json	HEV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	HEV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	EV		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	DE China		v2.6.0	v1.0.0	v1.0.0	14055	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	HEV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	HEV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	DE China		v2.5.1	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete
ExdlPCSignalMatrix.json	EV		v2.5.0	v1.1.0	v1.1.0	14308	json	Zi Xin	Download release Delete

A total of 8 articles < 1 >

The screenshot shows the 'Signal management' interface. On the left is a sidebar with navigation options: Homepage, Requirements management, Data collection, EMMC monitoring, Deploy approvals, Vehicle management, and Signal management (selected). The main area displays a table of signal matrices. A modal dialog titled 'Create a signal matrix' is open on the right, with fields for Vehicle type, can version number, someip version number, and Description. A red box highlights the modal, and a red arrow points to it with the text 'Fill in the relevant configurations'.

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

The screenshot shows the 'Signal management' interface with a table of signal matrices. A red arrow points to the 'Download' button in the 'operation' column of the first row. The table has columns: Name, Vehicle type, Description, Matrix version number, can version number, someip version number, Number of signals, Type, and operation. The 'operation' column contains links for 'Download', 'Release', and 'Delete'.

Name	Vehicle type	Description	Matrix version number	can version number	someip version number	Number of signals	Type	operation
ExdlPCSignalMatrix.json	EV		v2.6.0	v1.0.0	v1.0.0	14055	json	Download Release Delete
ExdlPCSignalMatrix.json	EV		v2.6.0	v1.0.0	v1.0.0	14055	json	Download Release Delete
ExdlPCSignalMatrix.json	V		v2.6.0	v1.0.0	v1.0.0	14055	json	Download Release Delete
ExdlPCSignalMatrix.json	China		v2.6.0	v1.0.0	v1.0.0	14055	json	Download Release Delete
ExdlPCSignalMatrix.json	EV		v2.5.0	v1.1.0	v1.1.0	14308	json	Download Release Delete
ExdlPCSignalMatrix.json	EV		v2.5.0	v1.1.0	v1.1.0	14308	json	Download Release Delete
ExdlPCSignalMatrix.json	China		v2.5.1	v1.1.0	v1.1.0	14308	json	Download Release Delete
ExdlPCSignalMatrix.json	V		v2.5.0	v1.1.0	v1.1.0	14308	json	Download Release Delete

## 14.2. Signal Cluster

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

Homepage

Requirements manage...

Data collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Signal management

Signal grouping

Pre-launch data

Data download

Signal management

HomepageSignal management

Signal matrixSignal clusterSignal listSOMEIPSignal bus

Signal clu...Veh...vers...Messa...Mess...All types

Inquireoperation

Name	Vehicle type	Signal type	Version number	Storage type	Creation time	
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. ACC_FD1	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD2	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD3	V China	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD4	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

A total of 12,106 articles12345...1211Skip topage

- 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.

Homepage

Requirements manage...

Data collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Signal management

Signal grouping

Pre-launch data

Data download

Signal management

HomepageSignal management

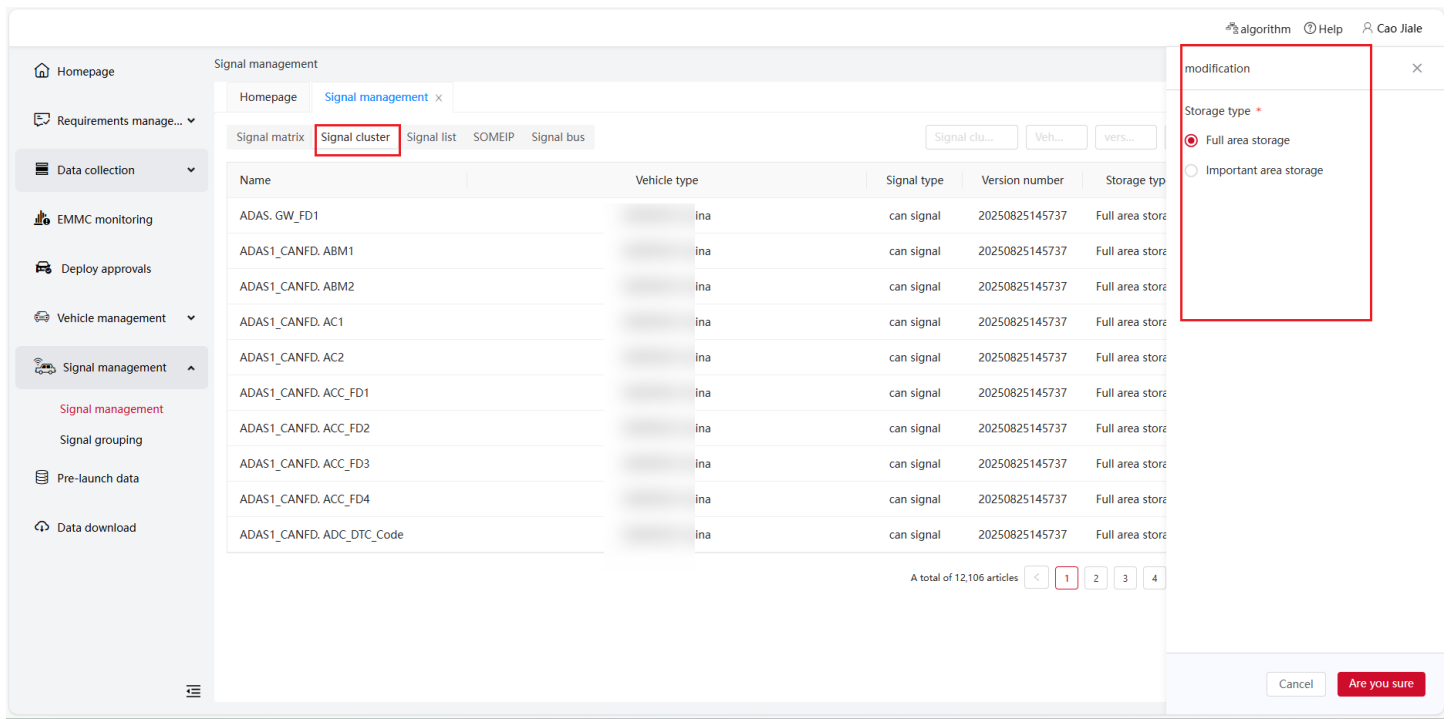
Signal matrixSignal clusterSignal listSOMEIPSignal bus

Signal clu...Veh...vers...Messa...Mess...All types

Inquireoperation

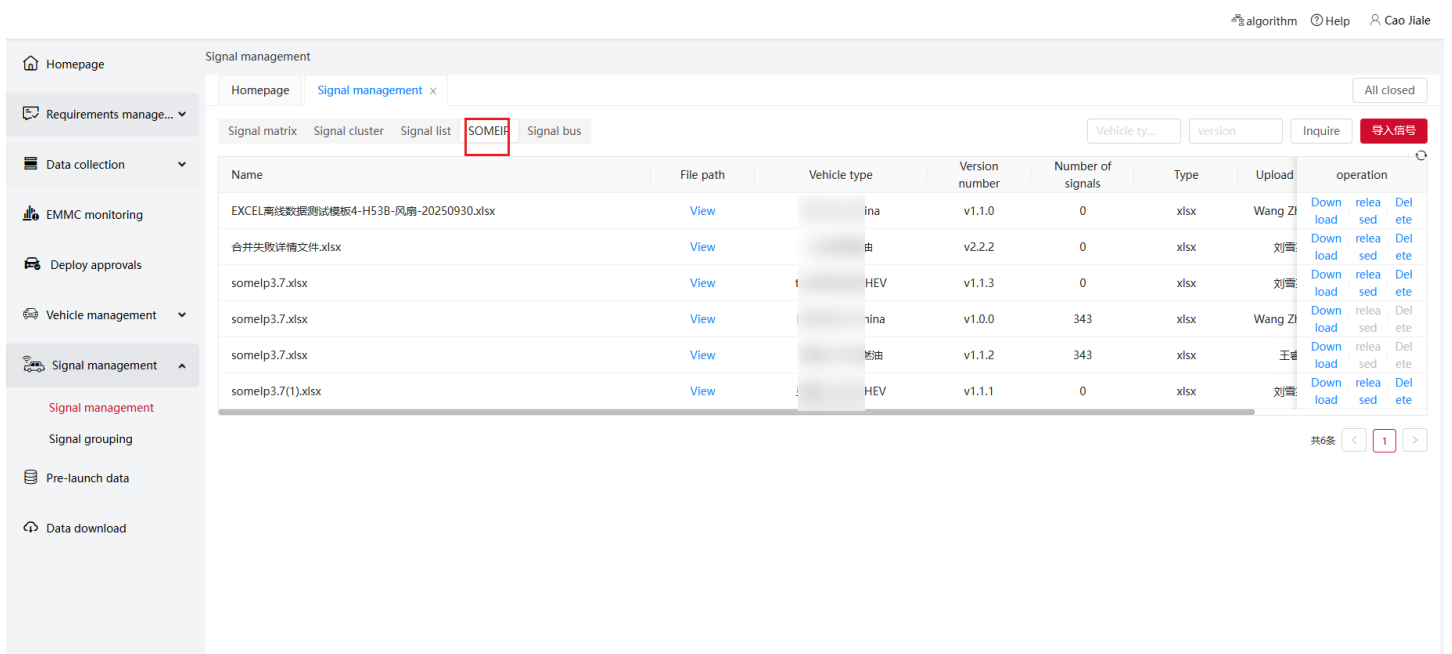
Name	Vehicle type	Signal type	Version number	Storage type	Creation time	
ADAS. GW_FD1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ABM1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ABM2	hina	can signal	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. ACC_FD1	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD2	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD3	hina	can signal	20250825145737	Full area storage	2025-08-25 14:57:37	modification
ADAS1_CANFD. ACC_FD4	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

A total of 12,106 articles12345...1211Skip topage



## 14.3. SOME/IP

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



- 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 x | All closed

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

Vehicle type... | version... | Inquire...

**Import signal operation**

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

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   PHEV	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>	PHEV	v1.1.1	0

Import signal

Vehicle type \*

Version number \*

例: v1.1.1  
提示: v1.1.1

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 x

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

There are 6 articles in total

Download release delete

## 14.4 Signal List

Click the Signal List tab to display the signal list.

Signal management

Homepage Signal management x

Signal matrix Signal cluster Signal list SOMEIP Signal bus

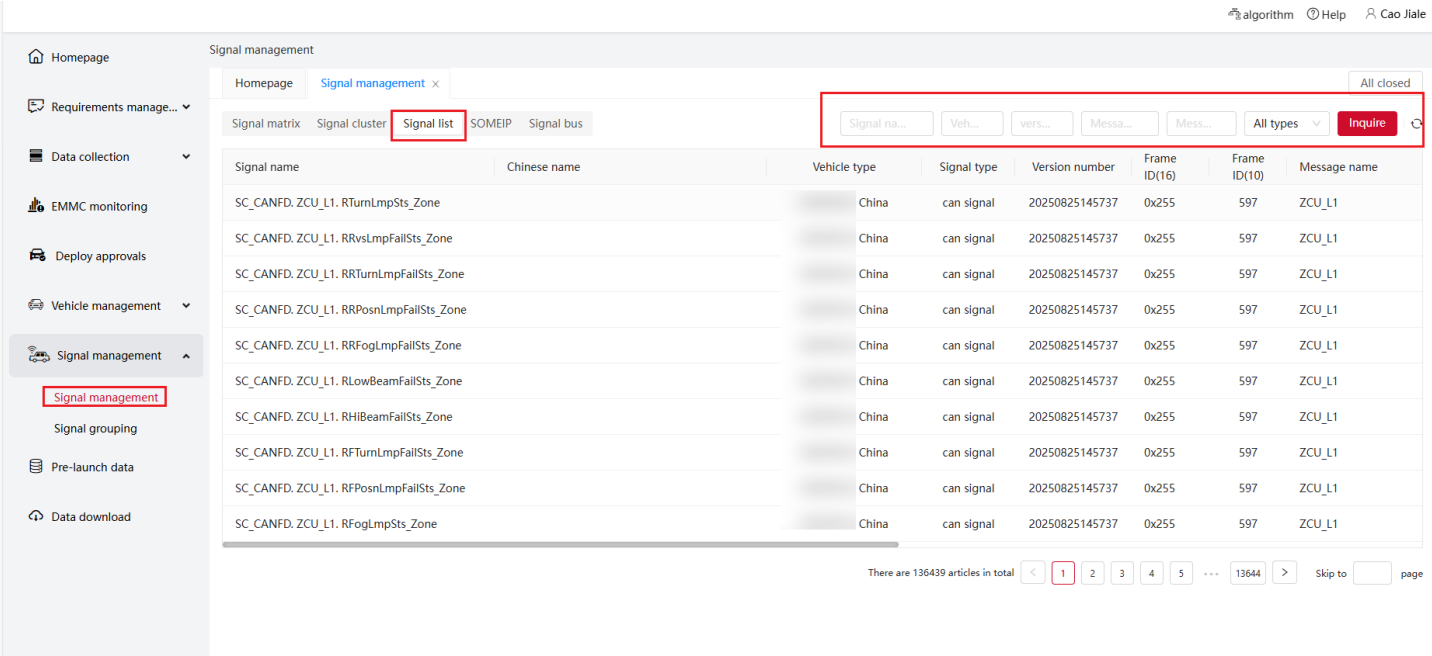
Signal na... Veh... vers... Messa... Mess... All types Inquire

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_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_RFPsnLmpFailSts_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

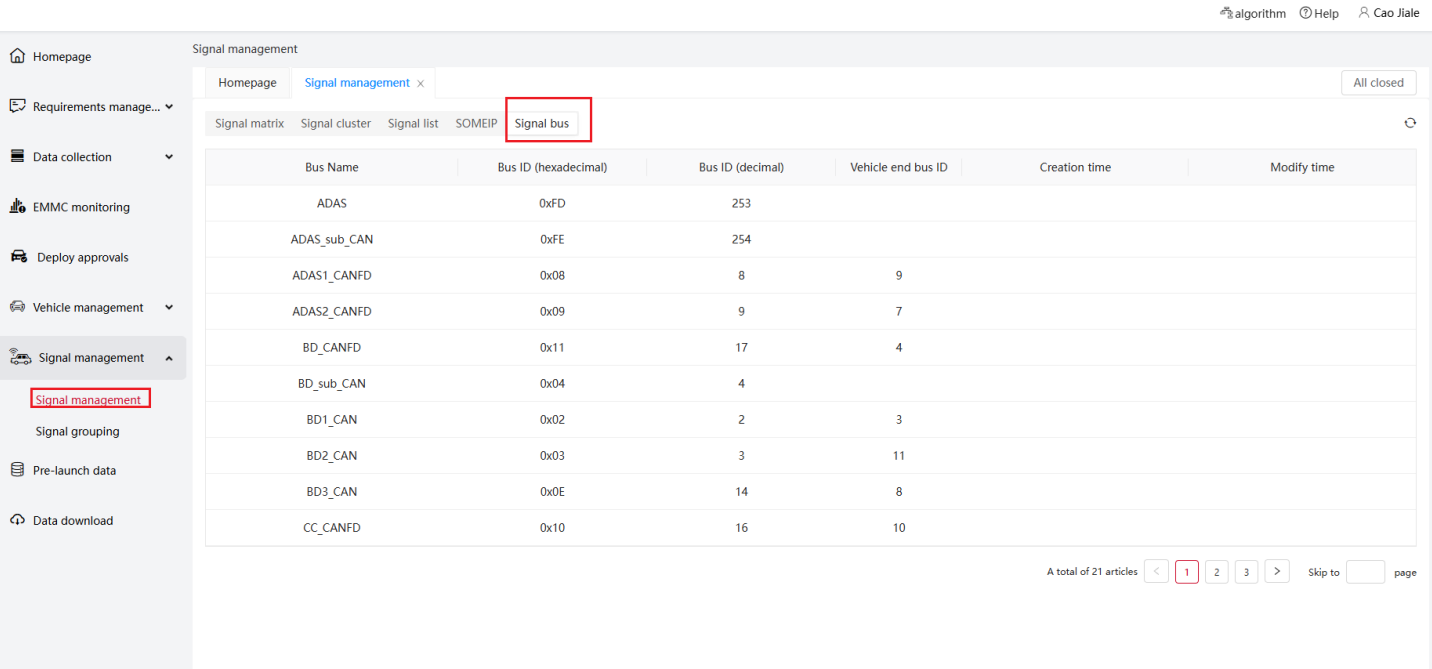
1 2 3 4 5 ... 13644 Skip to page

- 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.

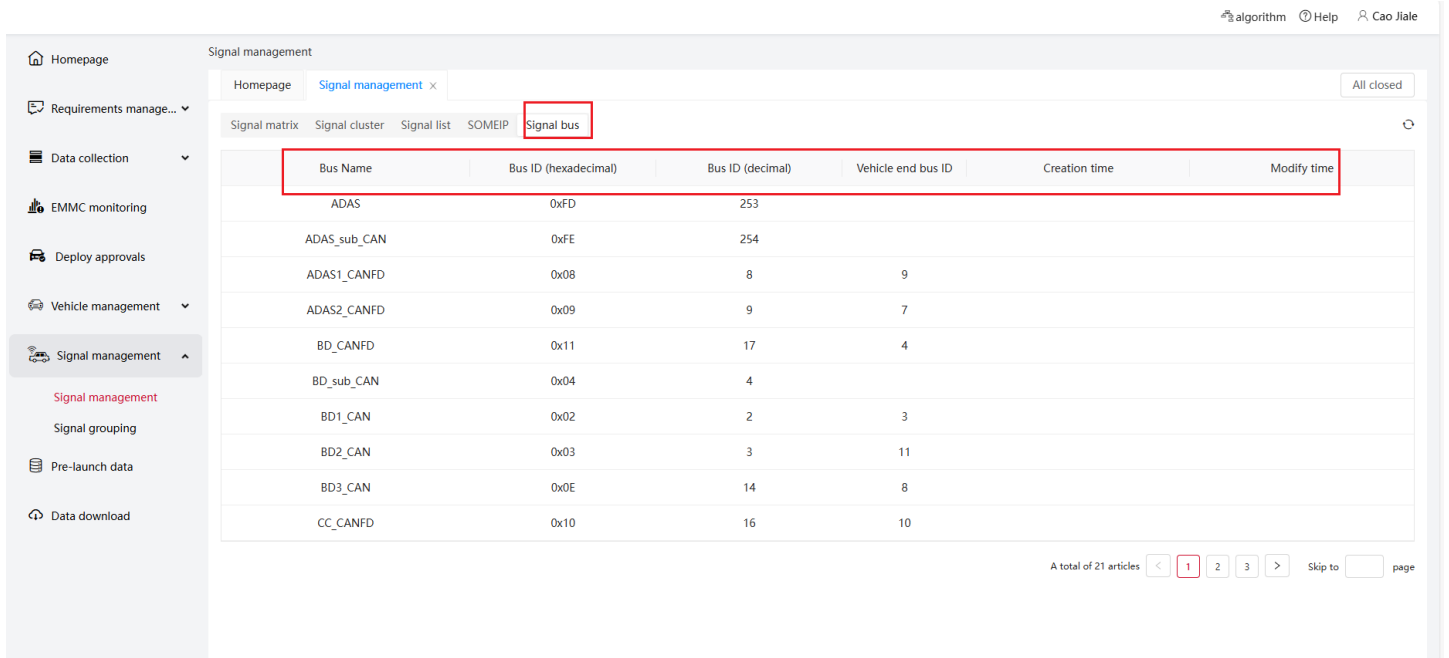


# 14.5 Signal Bus

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



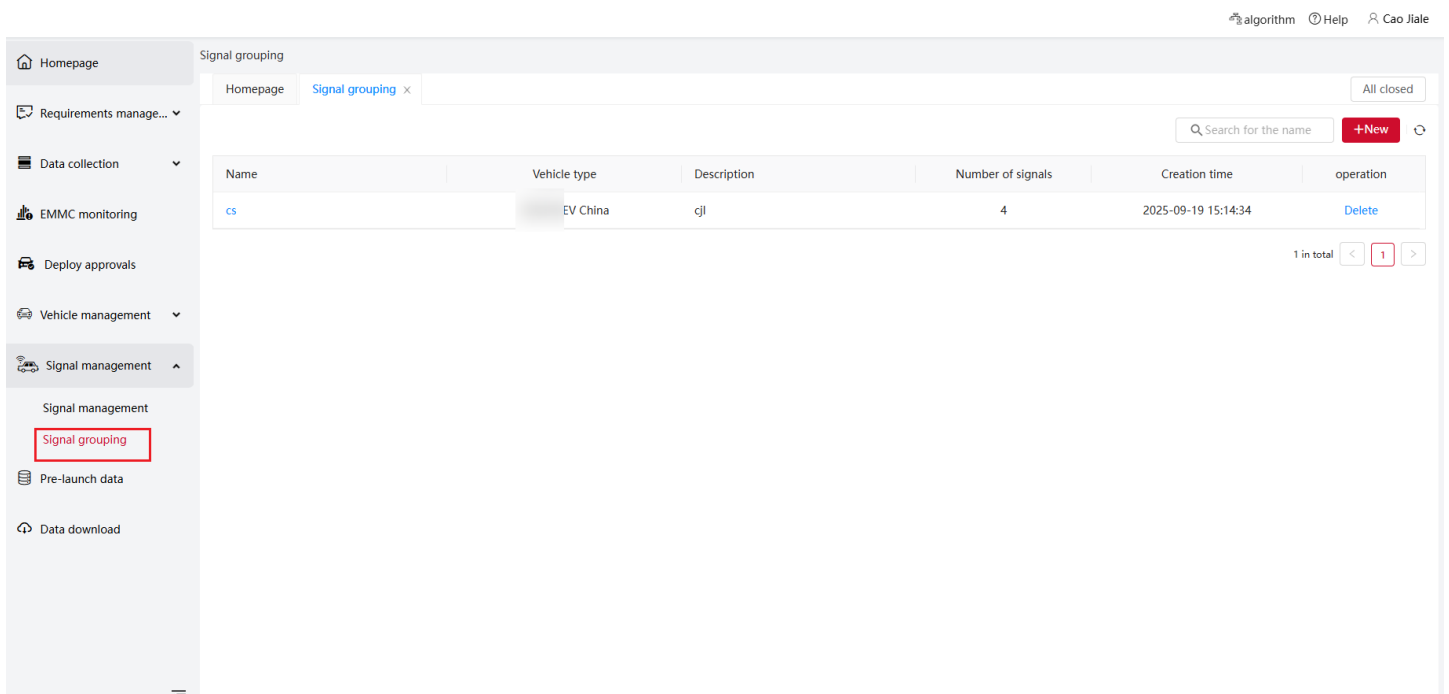
- The list displays bus name, bus ID, vehicle-side bus ID, creation time, and modification time.



## 15. Signal Grouping

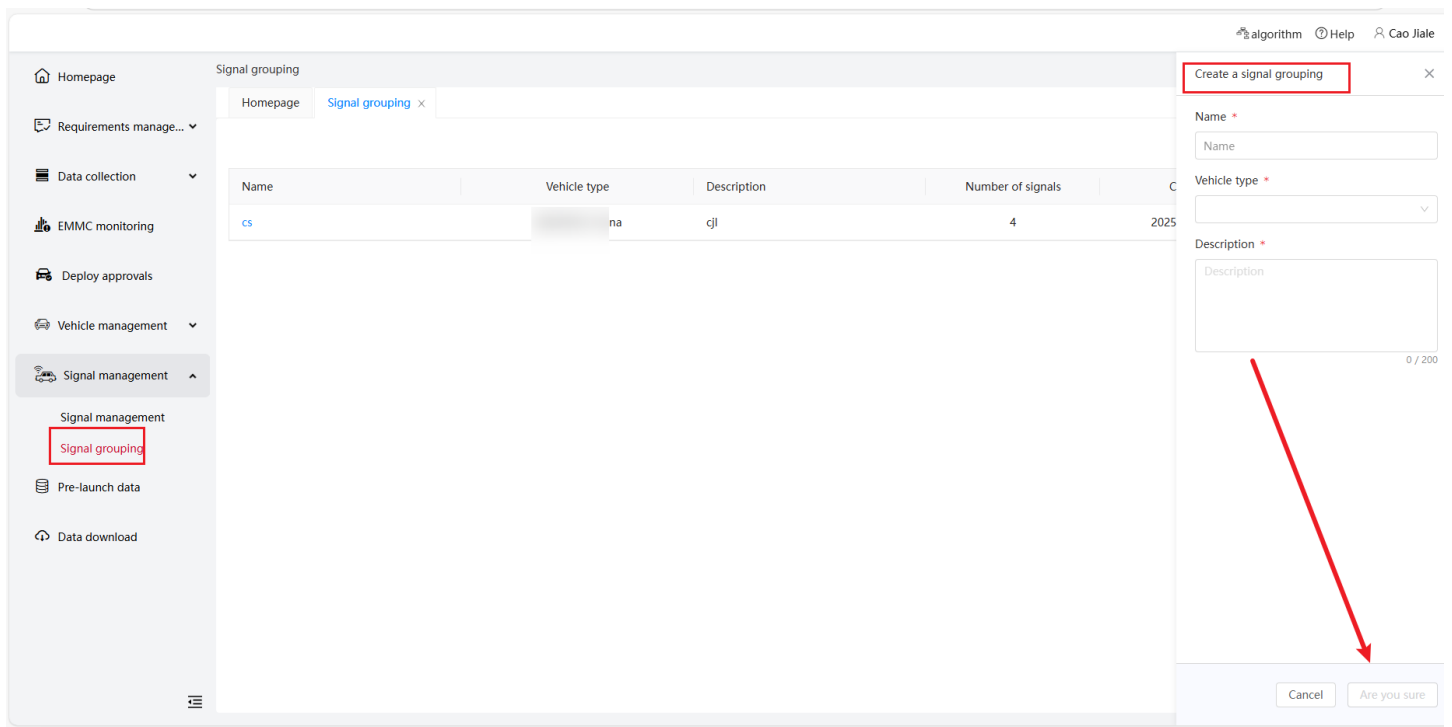
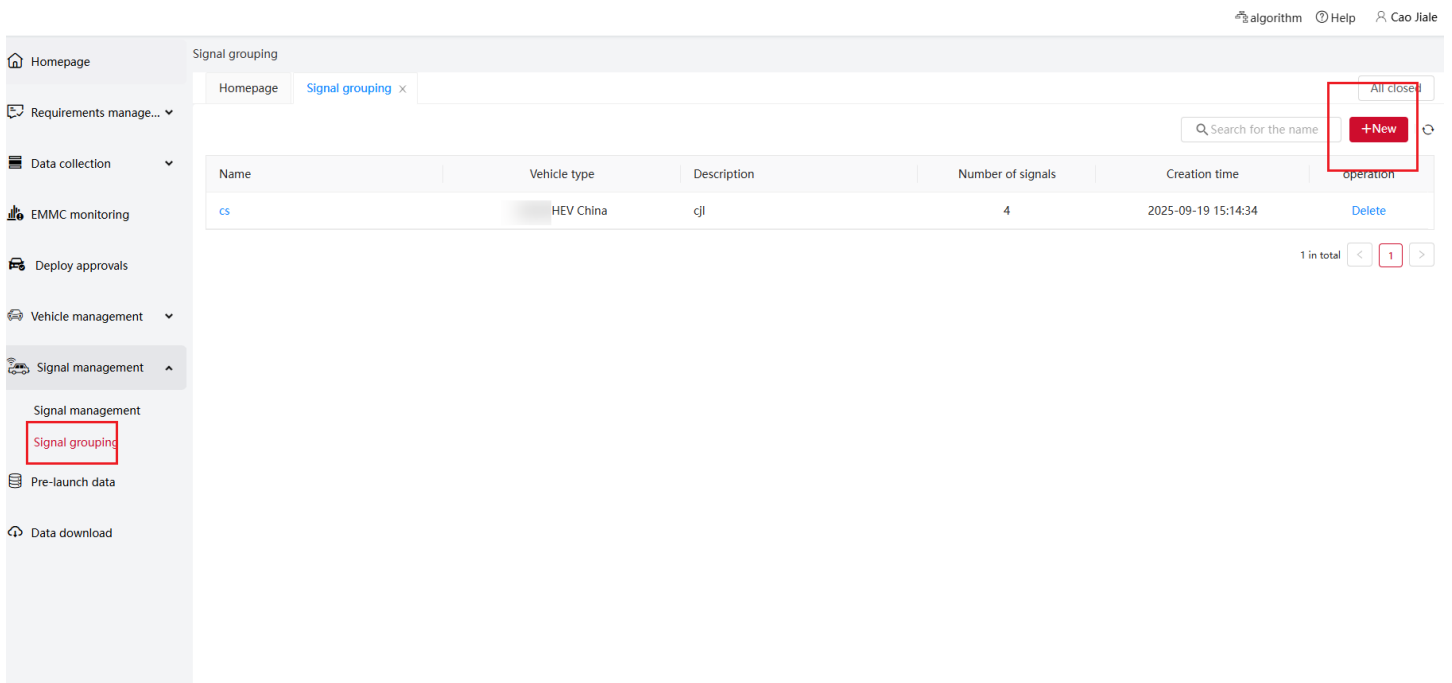
Click Signal Grouping in the menu bar to enter the signal grouping management interface.

- 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.



### 15.1 Create New Group

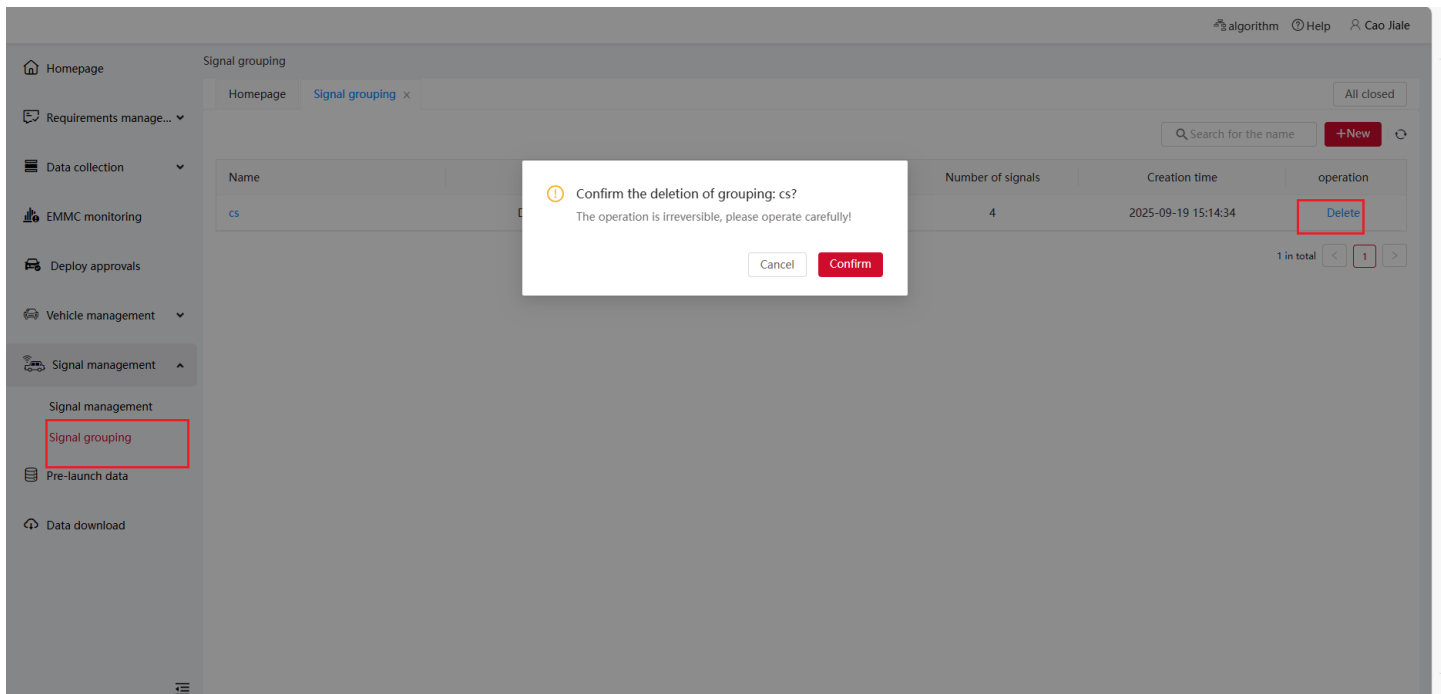
Click the New button to bring up the "Create Signal Group" right drawer.



## 15.2 Delete Group

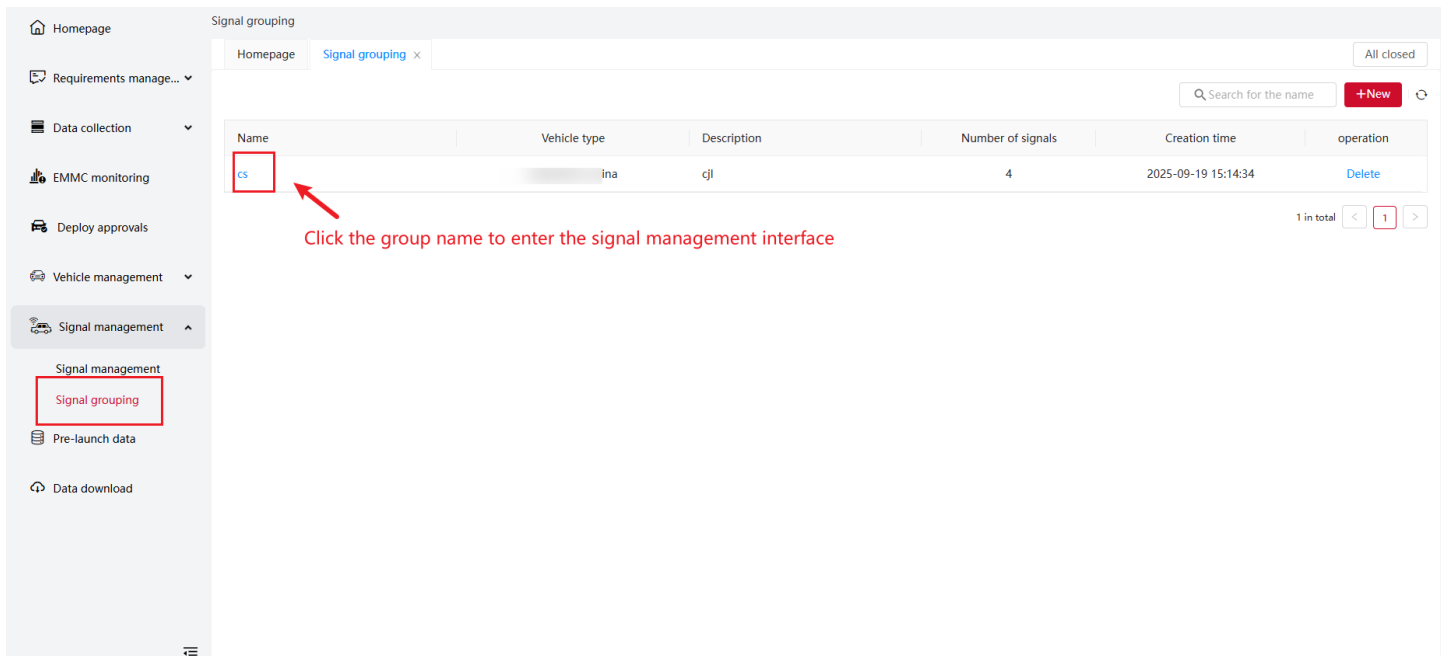
Click Delete in the Operations column to bring up the deletion confirmation dialog box.

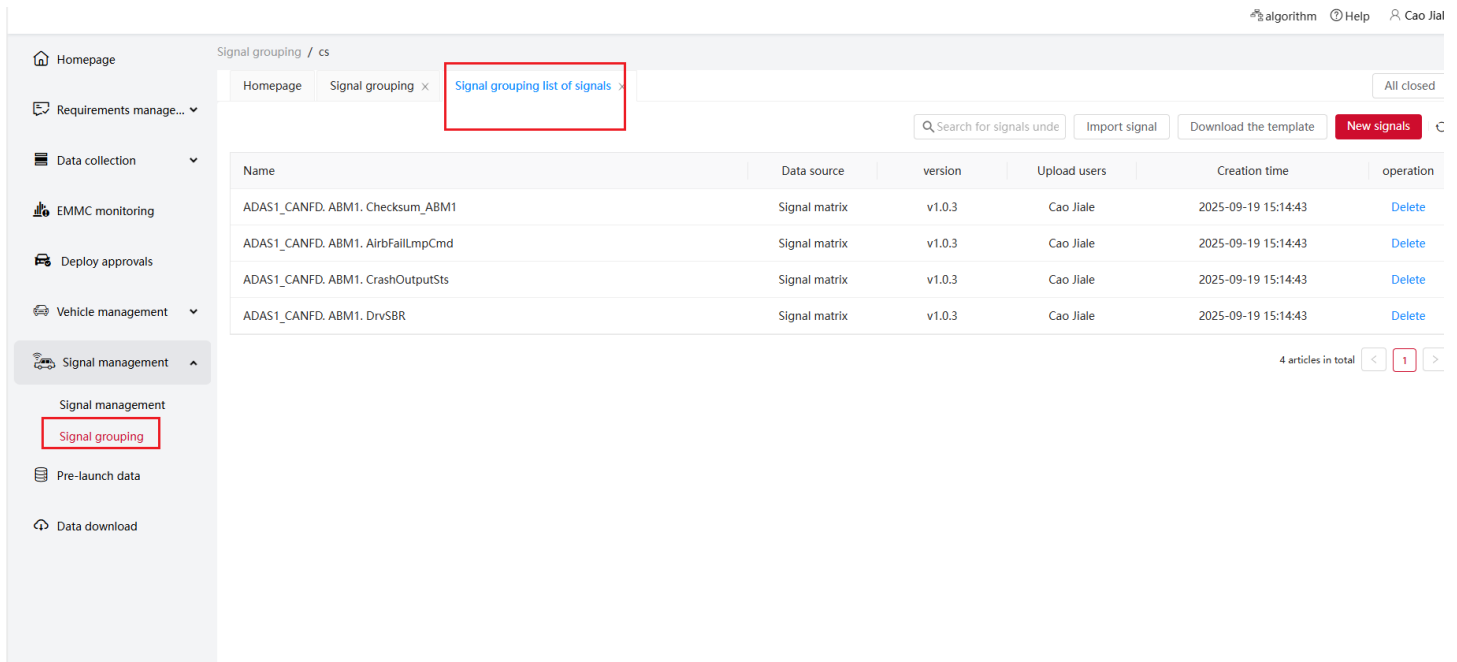
- Click the Confirm button to delete this signal group.
- Click the Cancel button to abort the deletion operation.



## 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.





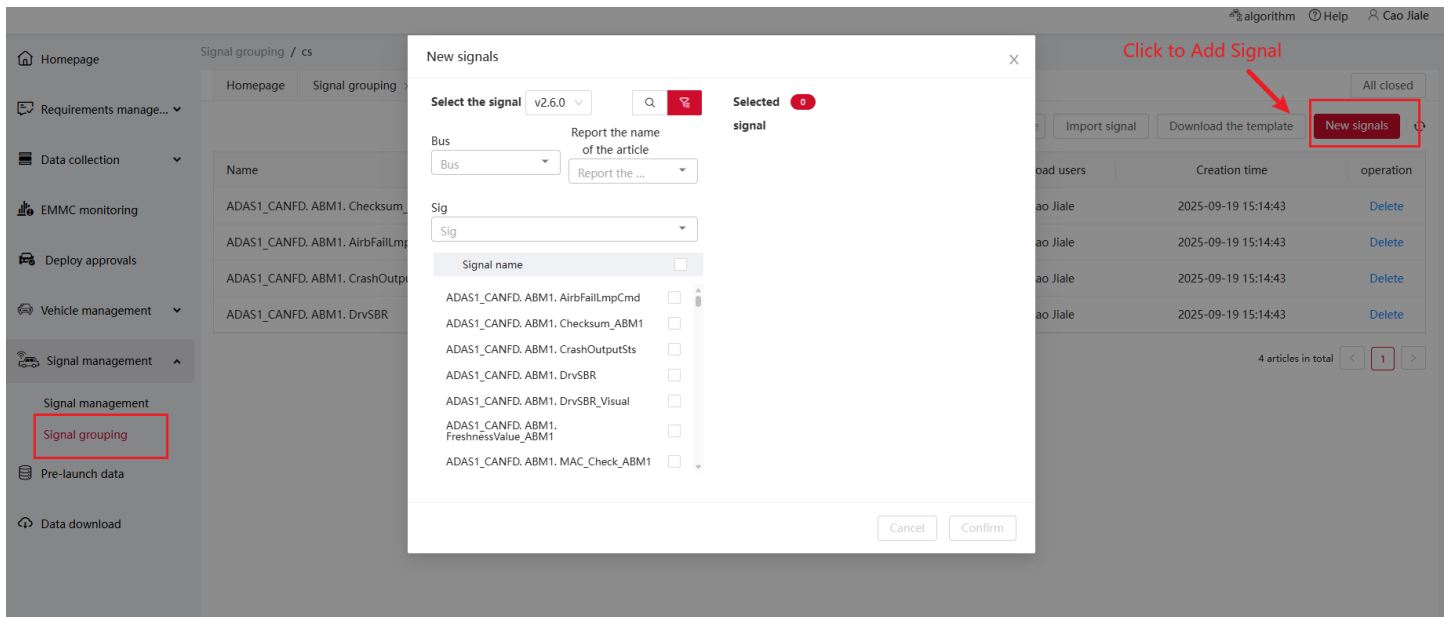
### 15.3.1 Signal List in the Group

- 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

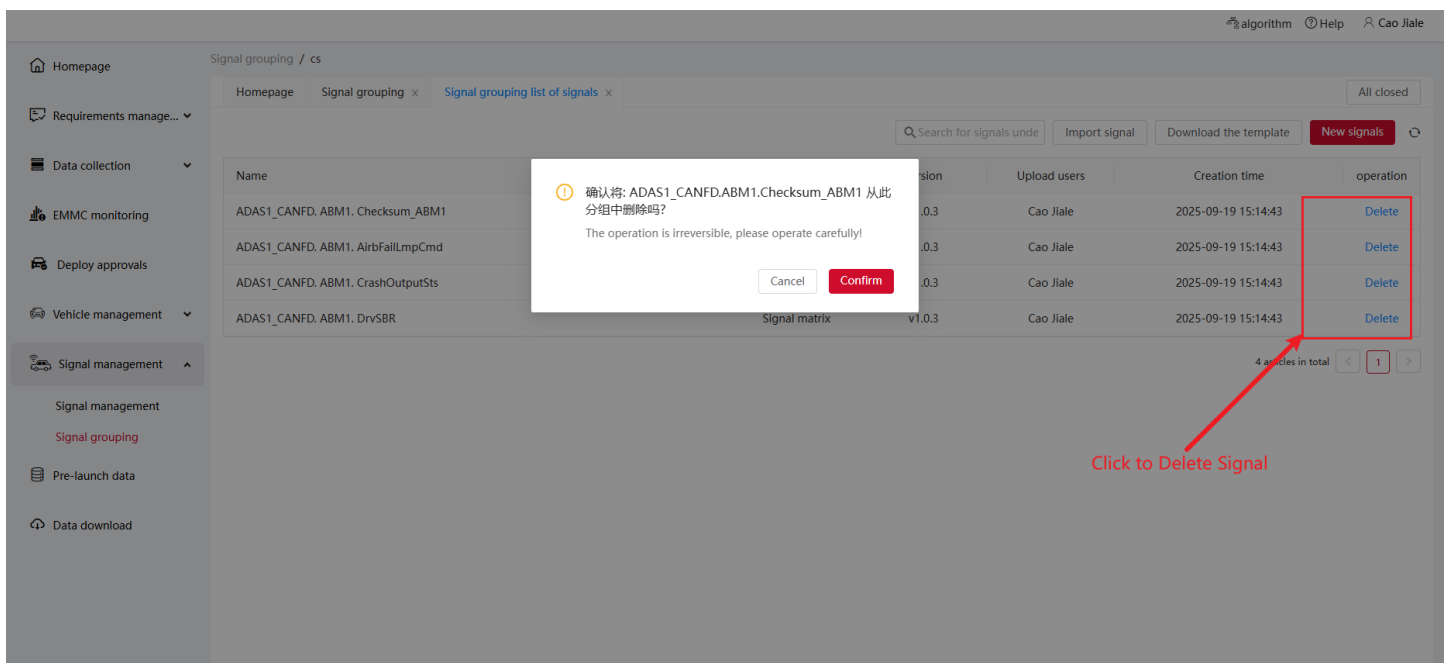
Click the Add Signal button to open the right-side drawer, and select signals to add to this group.

- 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.



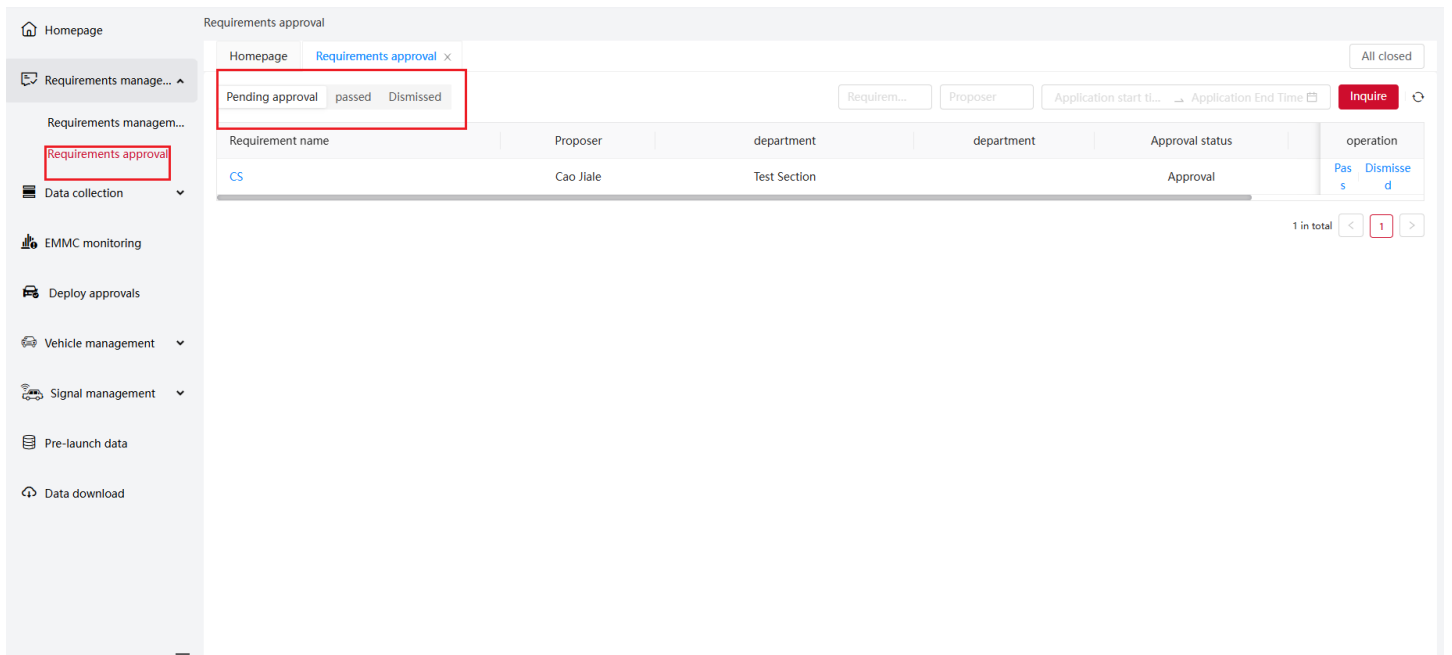
## 16. Requirement Approval

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.

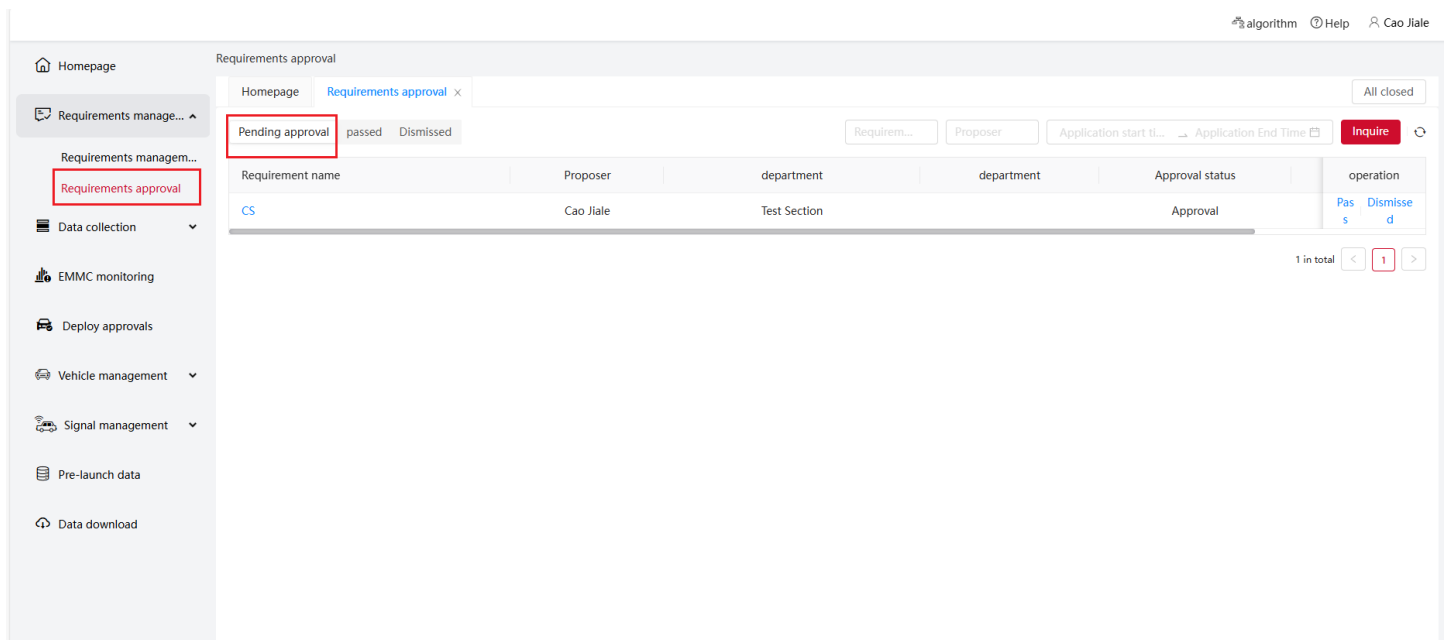
- Click Requirement Approval in the menu bar to access the requirement approval page.
- The page displays three tabs: Pending Approval, Approved, and Rejected.





## 16.1 Pending Approval

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



- 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.

algorithm Help Cao Jiale

Homepage Requirements approval

Homepage Requirements approval x All closed

Pending approval passed Dismissed

Requirement name proposer department department Approval status operation

CS Cao Jiale Test Section Approval Pas s Dismissed

1 in total 1

Click the requirement name to access the requirement details page.

- Display relevant information of the requirement (proposer, proposer'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.).

algorithm Help Cao Jiale

Homepage Requirements approval / Requirements details

Homepage Requirements approval x Requirements approval details x All closed

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				
<a href="#">View the associated tasks</a>				
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.

algorithm

Help

Cao Jiale

Homepage

Requirements approval

Homepage

Requirements approval

All closed

Pending approval

passed

Dismissed

Requirem...

Proposer

Application start ti...

Application End Time

Inquire

Requirement name	Proposer	department	department	Approval status	operation
CS	Cao Jiale	Test Section		Approval	<div>Pas s</div> <div>Dismis ed</div>

1 total

<1>

Click Approve to pass the requirement.

algorithm

Help

Cao Jiale

Homepage

Requirements approval

Homepage

Requirements approval

All closed

Pending approval

passed

Dismissed

Requirem...

Proposer

Application start ti...

Application End Time

Inquire

Requirement name	Proposer	department	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>

4 articles in total

<1>

### 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.

algorithm Help Cao Jiale

Homepage Requirements approval

Homepage Requirements approval x All closed

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.

algorithm Help Cao Jiale

Homepage Requirements approval

Homepage Requirements approval x All closed

Pending approval passed Dismissed

Requirement name Proposer department department Approval status Application time operation

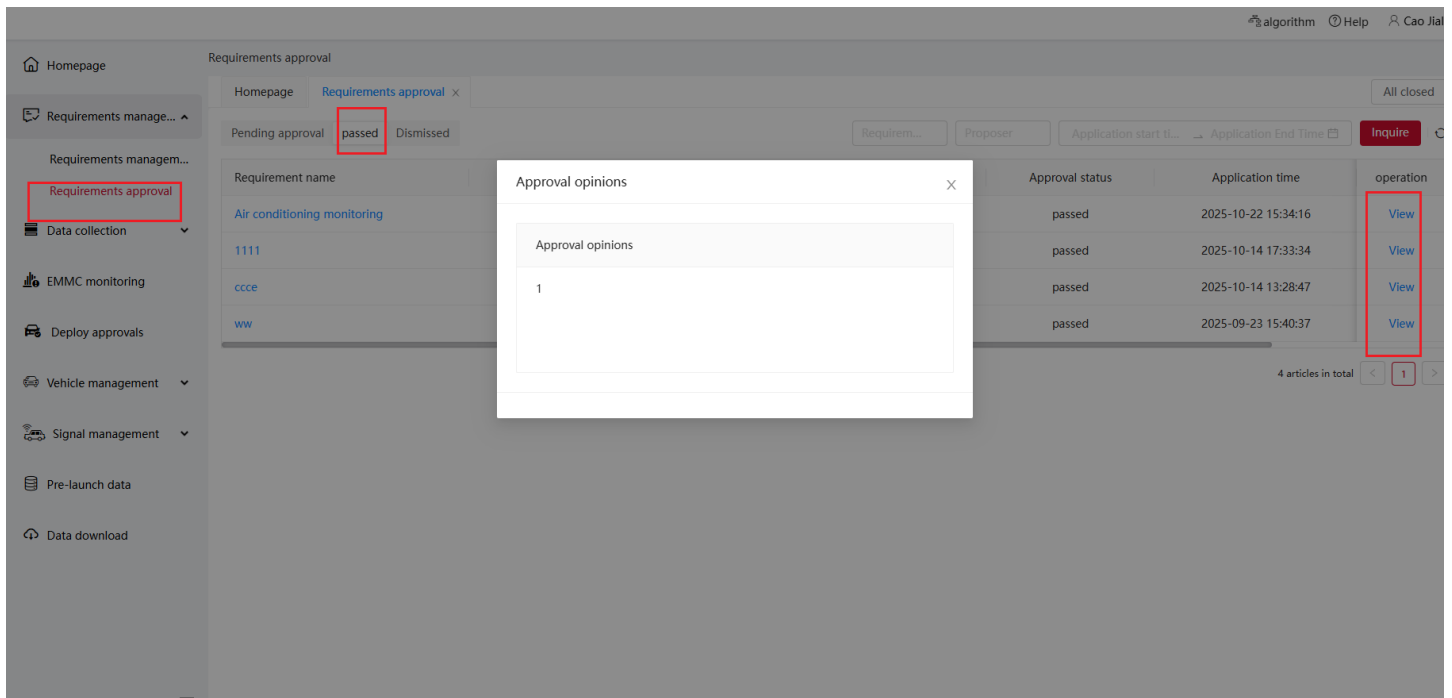
ccc Cao Jiale Test Section Dismissed 2025-09-23 15:47:44 View

1 in total 1

## 16.2 Approved

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

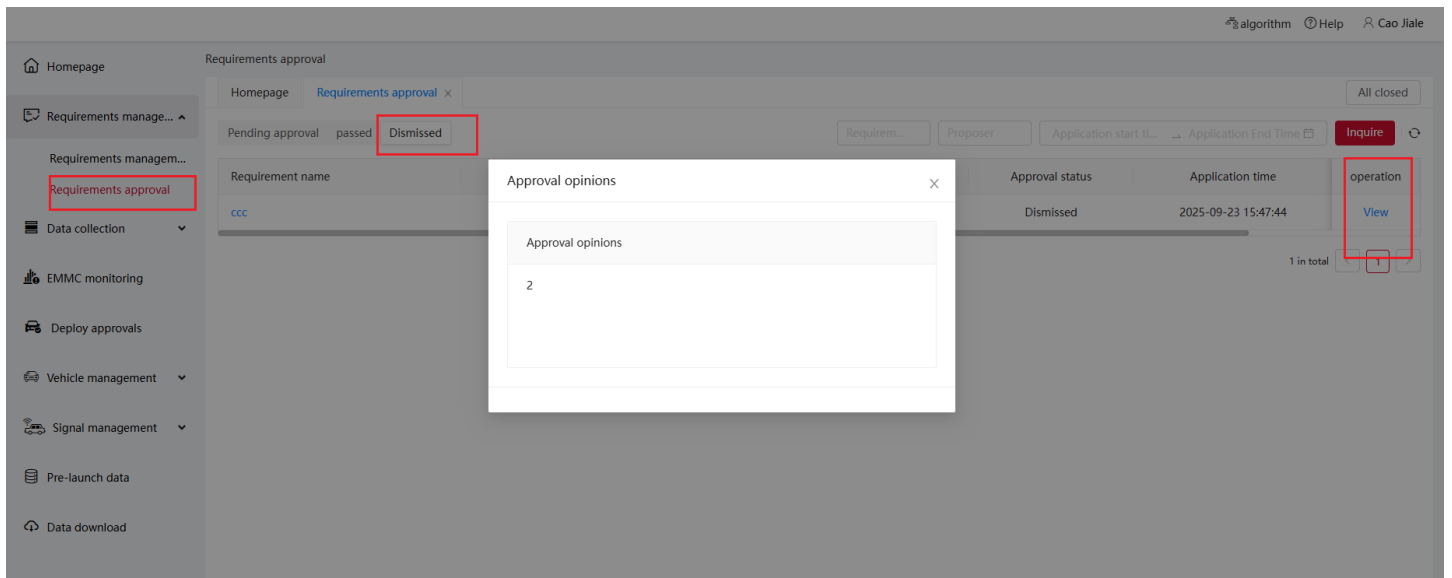
- Click View to check the approval comments.



## 16.3 Rejected

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

- Click View to check the approval comments.



## 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.

algorithmHelpCao Jiale

platform approval

Pending approvalpassedDismissed

Task nameAll typesApplication start ti...Application End TimeInquire

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 ti	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:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
zkf_his_20251125-v14w	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	0	Wang Zhijuan	2025-12-02 17:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	0	Wang Zhijuan	2025-11-26 15:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
xwdx	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	0	Wang Zhijuan	2025-11-21 15:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	1	0	Ren Jleyun	2025-11-21 10:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
jiekoutest	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	52	0	Wang Zhijuan	2025-11-10 16:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
Test use 02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	0	Wang Zhijuan	2025-10-21 15:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
New Environment Coll...	Event Collection	Time monitoring algorithm	Pending approval	Update	1	0	0	0	Sun Peng	2025-10-15 15:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
tesy02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	52	0	Wang Zhijuan	2025-10-14 14:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>
his_20250925-v5	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	2	0	Zheng Kaifeng	2025-09-25 17:	<a href="#">Pas</a> <a href="#">s</a> <a href="#">Dismiss</a> <a href="#">d</a> <a href="#">View</a>

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

There are 14 articles in total12Skip topage

platform approval / Historical calculation collection details

HomepageThe platform reviews the historical calculation details xAll closed

Vehicles are selected1

Vehicle VIN

Q

000000111

Output signal1

Signal name

Q

ADAS1\_CANFD. BCM1. LRDoorSts

Task configuration

Task Name:zkf\_his\_20251125-v14w6

Vehicle Type: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 time		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	 Pending approval	Added	1	0	1	(1)	Pas s	Dismissed	View		
zkf_his_20251125-V14W	Historical calculations	Historical calculations - left rear door	 Pending approval	Added	1	0	1	(1)	Pas s	Dismissed	View		
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	 Pending approval	Added	1	0	1	(1)	Pas s	Dismissed	View		
xwdx	Historical calculations	Historical calculations - left rear door	 Pending approval	Added	1	0	50	(1)	Pas s	Dismissed	View		
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	 Pending approval	Added	1	0	1	(1)	Pas s	Dismissed	View		
jiekoutest	Historical calculations	Event Algorithm-1	 Pending approval	Added	1	0	52	(1)	Pas s	Dismissed	View		
Test use 02	Historical calculations	Historical calculations - left rear door	 Pending approval	Added	1	0	50	(1)	Pas s	Dismissed	View		
New Environment Coll...	Event Collection	Time monitoring algorithm	 Pending approval	Update	1	0	0	(1)	Pas s	Dismissed	View		
tesy02	Historical calculations	Historical calculations - left rear door	 Pending approval	Added	1	0	52	(1)	Pas s	Dismissed	View		
his_20250925-v5	Historical calculations	Event Algorithm-1	 Pending approval	Added	1	0	2	(1)	Pas s	Dismissed	View		

There are 14 articles in total

1

2

Skip to

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 signals	operation
zkf_his_20251125-v14w6	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(Pas s)	Dismissed View
zkf_his_20251125-V14W	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(Pas s)	Dismissed View
zkf_his_20251125-v14	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	1	(Pas s)	Dismissed View
xwdx	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(Pas s)	Dismissed View
zkf_his_20251120-v1-c...	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	1	(Pas s)	Dismissed View
jiekoutest	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	52	(Pas s)	Dismissed View
Test use 02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	50	(Pas s)	Dismissed View
New Environment Coll...	Event Collection	Time monitoring algorithm	Pending approval	Update	1	0	0	(Pas s)	Dismissed View
tesy02	Historical calculations	Historical calculations - left rear door	Pending approval	Added	1	0	52	(Pas s)	Dismissed View
his_20250925-v5	Historical calculations	Event Algorithm-1	Pending approval	Added	1	0	2	(Pas s)	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.

platform approval

Pending approval passed Dismissed

Task name

All types

Application start ti...

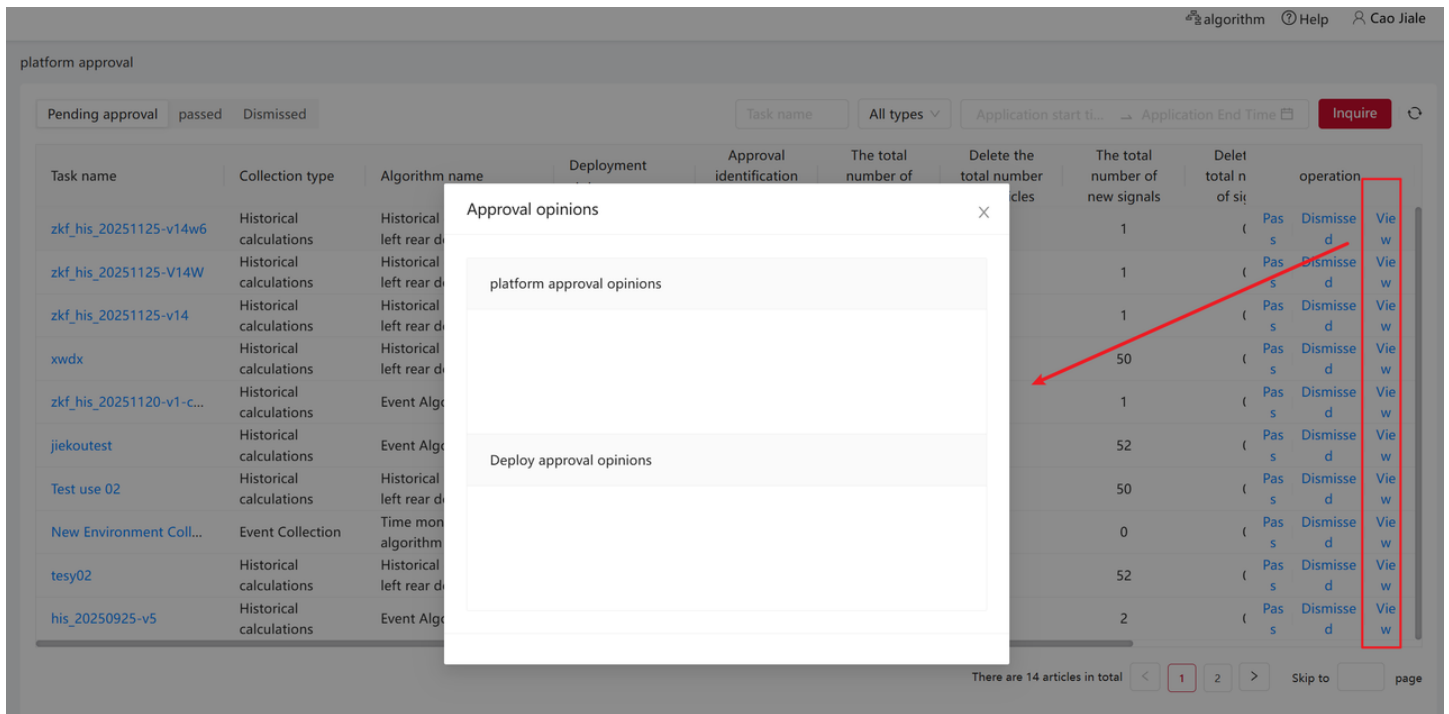
Application End Time

Inquire

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

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





## 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:
  - a. Pending Approval: The status when the task has not been submitted for internal GWM review.
  - b. Under GWM Review: The status when the task has been submitted for internal GWM review and is pending a result.
  - c. 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	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	Z	deployment, Dismissed
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	K	deployment, Dismissed
Real car test - can be deleted	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment, Dismissed
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment, Dismissed
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	W	deployment, Dismissed
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment, Dismissed
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment, Dismissed
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment, Dismissed
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment, Dismissed
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment, Dismissed

A total of 146 articles | 1 | 2 | 3 | 4 | 5 | ... | 15 | Skip to | page

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.

algorithm

Help

Cao Jiale

Homepage

Deploy approvals

Homepage

Deploy approvals

Task name

All types

All status

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 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	deployment
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	K	deployment
Real car test - can be dele...	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	V	deployment
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment

A total of 146 articles

1

2

3

4

5

...

15

>

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page

## 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.

algorithm

Help

Cao Jiale

Homepage

Deploy approvals

Homepage

Deploy approvals

Task name

All types

All status

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 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	deployment
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	K	deployment
Real car test - can be dele...	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	K	deployment
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	V	deployment
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment

A total of 146 articles

1

2

3

4

5

...

15

>

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page

## 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.

algorithm Help Cao Jiale

Homepage Deploy approvals

Homepage Deploy approvals x

Task name All types All status Application start ti... Application End Time Inquire

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...	0	0	2	deployment Dismis sed ...
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	GWM has...	1	0	2	deployment Dismis sed ...
Real car test - can be dele...	Event Collection	Event algorithm - left back door	deployed	Update	1	Pending a...	0	0	2	deployment Dismis sed ...
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	Dismissed	0	0	2	deployment Dismis sed ...
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1		52	0	W	deployment Dismis sed ...
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1		1	0	K	deployment Dismis sed ...
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1		1	0	K	deployment Dismis sed ...
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1		1	0	K	deployment Dismis sed ...
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1		1	0	K	deployment Dismis sed ...
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1		1	0	K	deployment Dismis sed ...

A total of 146 articles < 1 2 3 4 5 ... 15 > Skip to page

## 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.

algorithm Help Cao Jiale

Homepage Deploy approvals

Homepage Deploy approvals x

Task name All types All status 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 the total number of signals	C	operation
Test use - can be deleted	Event Collection	Event algorithm tj-s	deployed	Update	1	0	0	0	2	deployment Dismis sed ...
test01_copy	Event Collection	Event algorithm - left back door	deployed	Added	2	0	1	0	2	deployment Dismis sed ...
Real car test - can be dele...	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	2	deployment Dismis sed ...
zkf_event-20251125-v1	Event Collection	Event algorithm - left back door	deployed	Update	1	0	0	0	2	deployment Dismis sed ...
his_20251212_1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	52	0	W	deployment Dismis sed ...
zkf_his_20251211-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment Dismis sed ...
zkf_his_20251211-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment Dismis sed ...
zkf_his_20251208-v3	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment Dismis sed ...
zkf_his_20251208-v2	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment Dismis sed ...
zkf_his_20251208-v1	Historical calculations	Event Algorithm-1	deployed	Added	1	0	1	0	K	deployment Dismis sed ...

A total of 146 articles < 1 2 3 4 5 ... 15 > Skip to page

### 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.

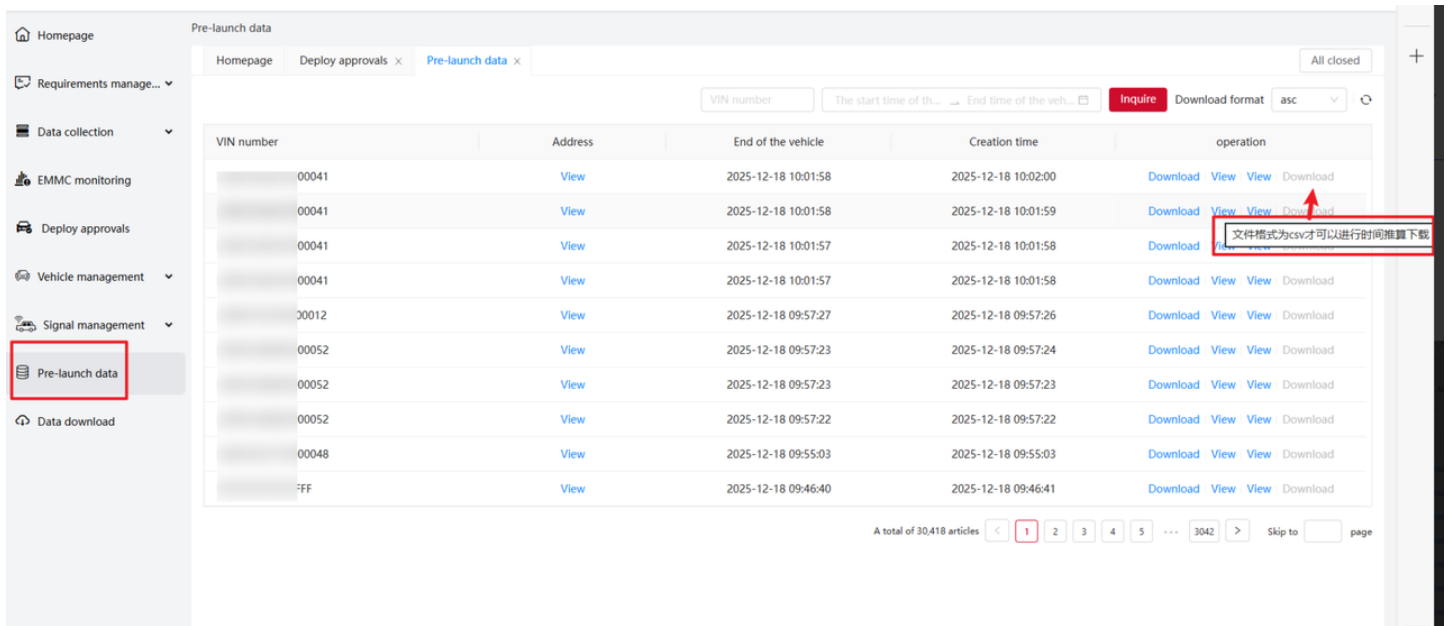
- Approved by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Rejected by GWM: The function of View Status is clickable; the functions of Urge Approval and Withdraw are not clickable.
- Under Review: The function of View Status is clickable;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

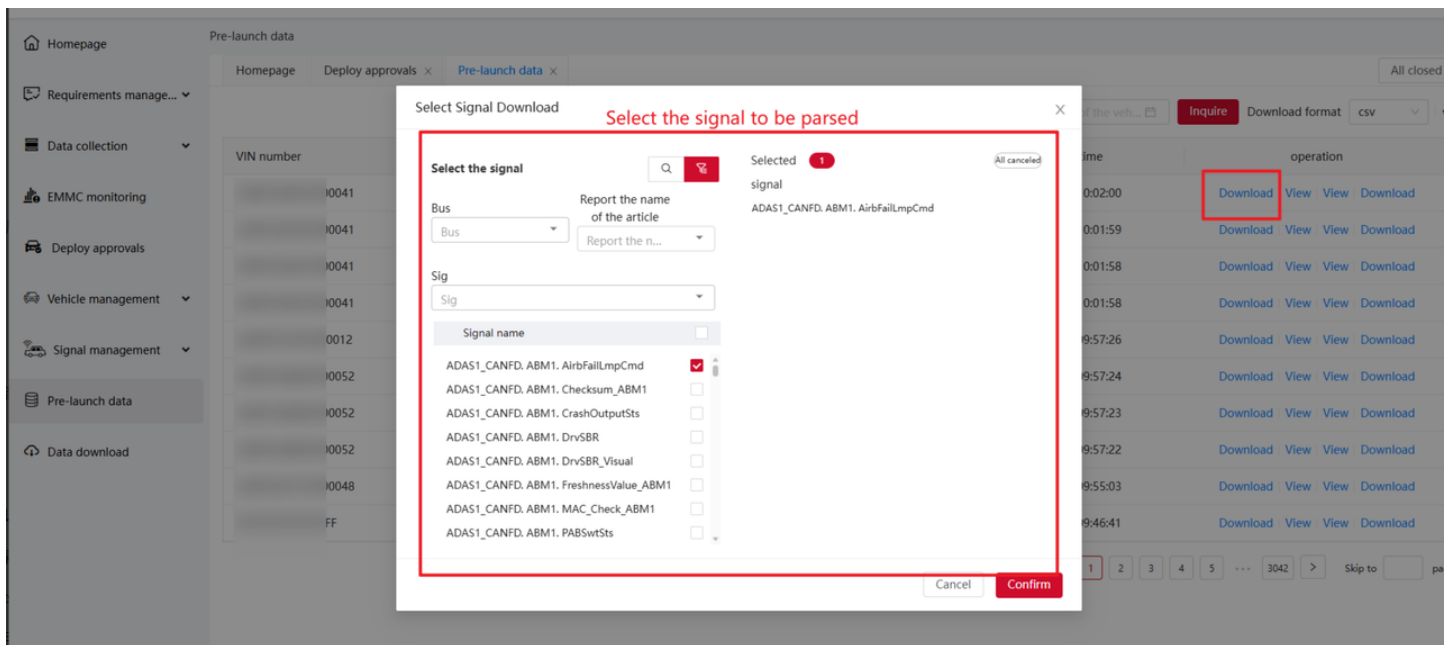
1. The list displays VIN, address, vehicle terminal time, creation time, and operations (View (Note: Two versions are available for user trial; only one will be retained in the final version). Download (Note: The second download option is time-calculated download, and the format must be selected as csv)).
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.



## 19.1.1 Download

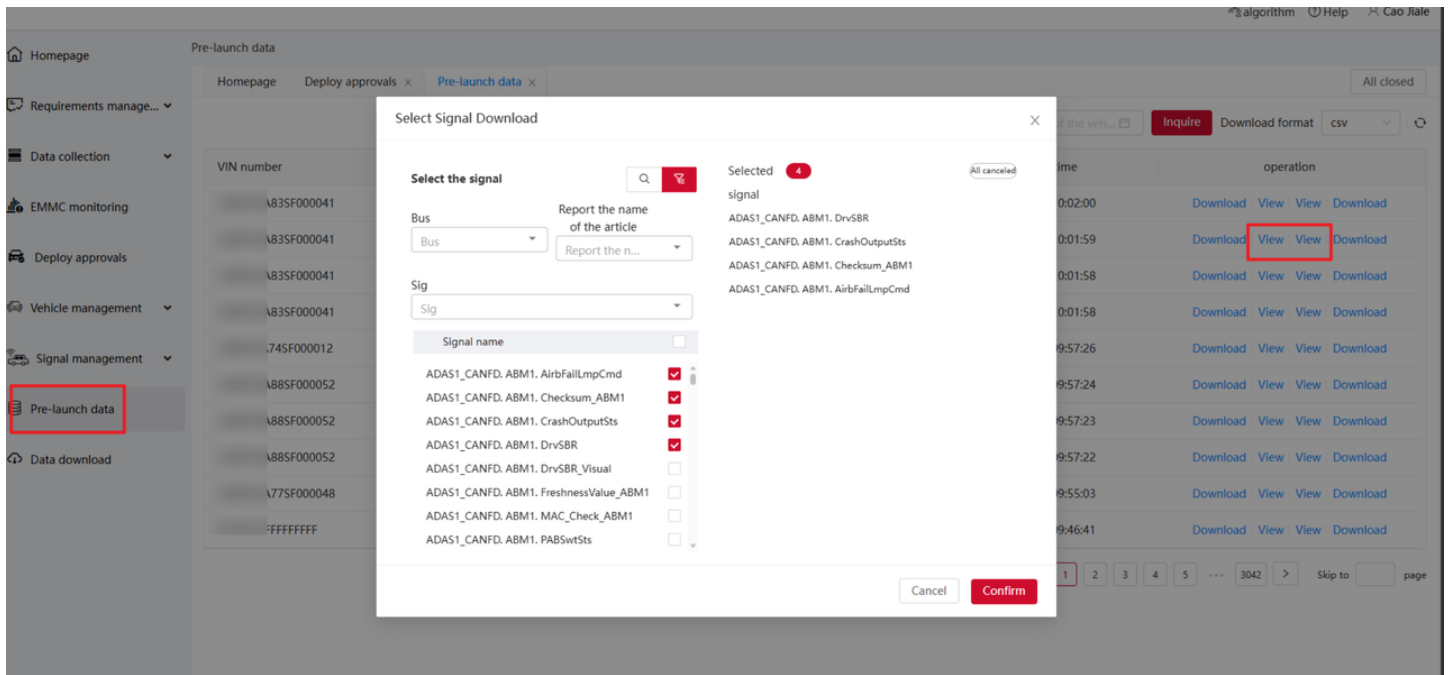
Select the download format.

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



## 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.



## • View (Version 1):



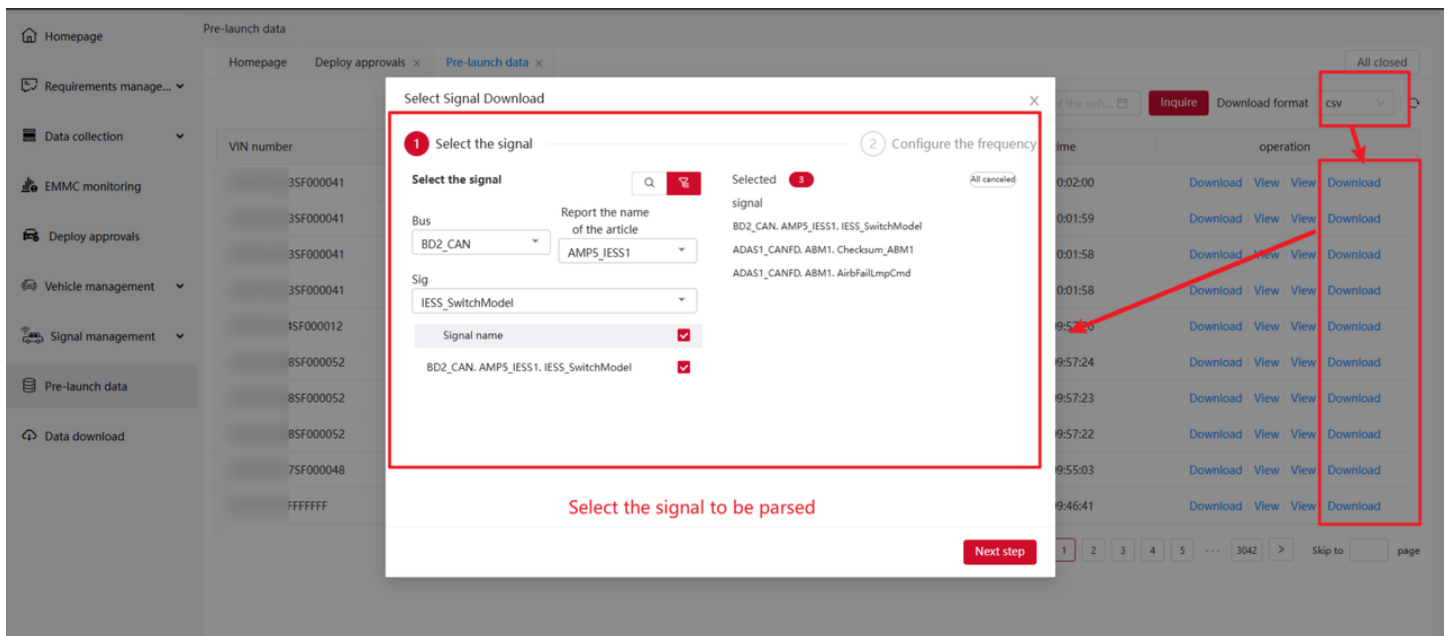
## • View (Version 2):



### 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).

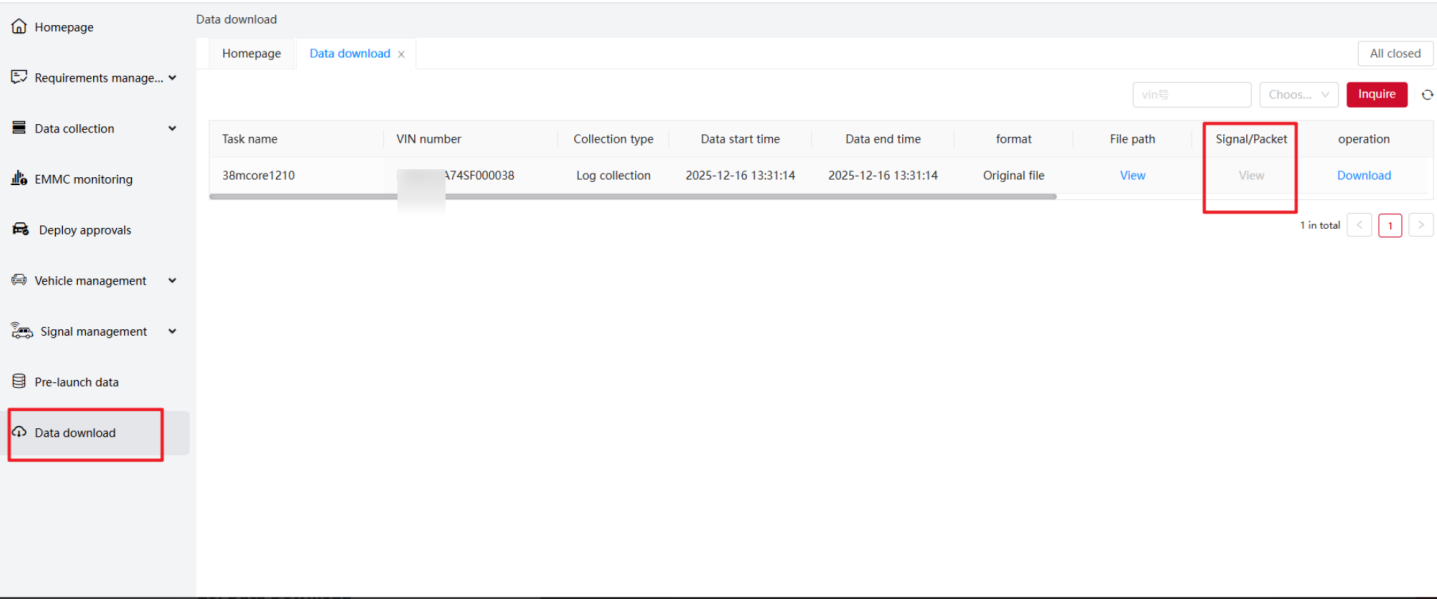


- 2. Fuzzy search by VIN is supported.
- 3. Filtering by download format is supported.
- 4. Refresh: Refresh the list information.
- 5. Exception Log: Displayed in gray and non-clickable for successful downloads; clickable to view specific exception details when an exception occurs.
- 6. Signal/Message: 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.



### 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.

Homepage

Requirements manage...

Data collection

EMMC monitoring

Deploy approvals

Vehicle management

Signal management

Pre-launch data

Data download

Data download

HomepageData download x

All closed

win

Choos...

Inquire

formatFile pathSignal/Packetoperation

Original fileViewViewDownload

1 in total1

Task name	VIN number
38mcore1210	10MECV/A745F0

Data Usage

In order to prevent data security and leakage, please fill in the purpose of using the data!

cs

3 / 300

CancelConfirm