

AED-AIMS

User Manual

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1. Project Background

For most users, medical devices are important equipment that directly affects human health. Therefore, many medical device manufacturers are striving to improve their product quality. Moreover, it is an important task for the authorities of every country to ensure the quality of medical devices. From design, development, and manufacturing to quality control, medical device manufacturers need to comply with many international standards and national laws and regulations. For each stage of testing and verification, medical device manufacturers are trying to simplify the testing methods and comply with standards and regulations at the same time. However, there is no testing instrument specifically designed for regulatory testing on the market. Due to this reason, medical device manufacturers will need to spend extra time and resources on regulations research to design their test fixture for product design verification.

Adhering to the original intention of assisting customers to create product values, Whaleteq enables medical device manufacturers to carry out design verification, quality control, and mass production more conveniently and quickly. What's more, the team members of Whaleteq have professional knowledge of medical regulations and testing instruments, which can simultaneously help medical device manufacturers to improve product quality and achieve design innovation, and accelerate the industry growth.

1.1 Project Target

AED-AIMS provides User convenient product after-sales online operation and maintenance service. Through coding, the system includes functions such as equipment basic information maintenance, equipment sales information maintenance, equipment location information, monitor item threshold maintenance, equipment order handler and notify staff maintenance, automatic collection and manual import of the monitor items, data analysis, alarm notification, order and inspection report generation, and the management of the users and role permissions.

1.2 Project Introduction

Basic equipment information is the foundation of the whole project. Usually, the parent organization will maintain the basic equipment information, and by setting up a secondary organization (agent) for the equipment, the secondary organization can directly use or reference the equipment information after logging in, and can also add new basic equipment information.

After the equipment is sold, the sales information of the equipment can be maintained in the sales MGT module, and the equipment installation order will be generated. After the installation, the system will start monitoring the operation of the equipment. The system will automatically determine the operating status of the equipment through the monitoring value uploaded by the equipment. If the equipment operation is abnormal, the system will remind the user and generate an alarm order.

In the statistical analysis module, User can view the equipment sales and upcoming order information.

2. Getting Started

Enter the URL (<http://ec2-13-229-222-136.ap-southeast-1.compute.amazonaws.com/>) in the browser to start using AED-AIMS.

When logging in for the first time, the terms of use page will pop out and ask for personal information collection. The user can log in to the system only after selecting agree.

Note:

- One account only needs to agree one time.
- The language of the terms of use page will be consistent with the language set when adding the user.

3. System MGT

System MGT module is mainly for maintaining basic information of the system, such as organization information, role information, and user information, etc.

3.1 Organization MGT

Organization MGT module is mainly for maintaining organization information. According to different levels in the organizational hierarchy, the system will display the corresponding amount of information.

Click “System MGT” -> “Organization MGT” to enter the organization MGT interface.

Organization	Organization Type	Status	Operating
鯨拓科技	Agent	Normal	Update Add Detail
Test	Department	Normal	Update Add Delete Detail
凱樂斯股份有限公司	Agent	Normal	Update Add Delete Detail
台北總部	Department	Normal	Update Add Delete Detail
高雄分部	Department	Normal	Update Add Delete Detail
台中國家歌劇院	Agent	Normal	Update Add Delete Detail
德州儀器工業股份有限公司	Agent	Normal	Update Add Delete Detail
Demo/測試	Agent	Normal	Update Add Delete Detail
Demo/測試_業務部	Department	Normal	Update Add Delete Detail

Figure 1: Organization MGT Interface

3.1.1 Add New Agents

Click “Add” on the top to open the add organization page, and select “Agent” for the organization type. Based on the situation, select a parent organization and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new agent.

Add organization

Organization Type: Agent Department Customer

* Parent organization: Select parent organization

* Organization: Please enter an organization name

* Display sort: 0

* Principal: Please enter the name of the principal

* Contact number: Please type your phone number

* Email: Please enter your email

Status: Normal Deactivate

* Area: Select

* Address: Please enter the detailed address

Mail protocol: SMTP IMAP POP3

Mail address: Please enter email address

Mail account: Mail server account

Mail password: Please enter the password for your email server account

* Equipment Quantity: Please enter the number of devices

* Operation account: Please enter the number of operating accounts

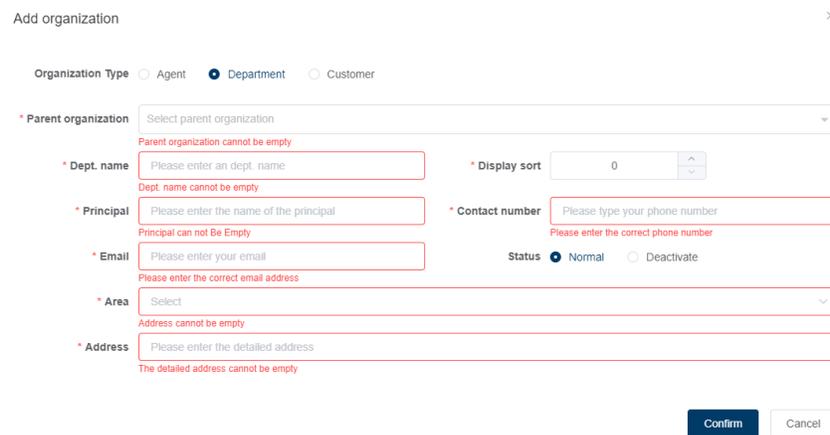
* View account: Please enter the number of accounts to view

Confirm Cancel

Figure 2: Add Organization Page

3.1.2 Add New Departments

Click “Add” on the top to open the add organization page, and select “Department” for the organization type. Based on the situation, select a parent organization and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new department.



The screenshot shows the 'Add organization' form with the following fields and error messages:

- Organization Type:** Radio buttons for Agent, Department (selected), and Customer.
- * Parent organization:** A dropdown menu with the error message 'Parent organization cannot be empty'.
- * Dept. name:** A text input field with the error message 'Dept. name cannot be empty'.
- * Principal:** A text input field with the error message 'Principal can not Be Empty'.
- * Email:** A text input field with the error message 'Please enter the correct email address'.
- * Area:** A dropdown menu with the error message 'Address cannot be empty'.
- * Address:** A text input field with the error message 'The detailed address cannot be empty'.
- * Contact number:** A text input field with the error message 'Please enter the correct phone number'.
- * Display sort:** A numeric input field with the value '0'.
- Status:** Radio buttons for Normal (selected) and Deactivate.

Buttons for 'Confirm' and 'Cancel' are located at the bottom right of the form.

Figure 3: Reminder for Required Fields

Note:

- During system initialization, Whaleteq will be the default superior organization.
- When equipment generates an inspection report, the system will call the information filled in this page and sends it to the relevant user.
- Equipment quantity refers to the quantity of equipment that the agent can add in the system.
- Operation account refers to the number of accounts that have operation permission which the agent can use in the system.
- View account refers to the number of accounts that have viewing permission which the agent can use in the system. (Accounts that can only view information but cannot edit)

3.1.2 Add New Customer

Click “Add” on the top to open the add organization page, and select “Customer” for the organization type. Based on the situation, select a parent organization and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new customer.

Note:

- Customers cannot add secondary organizations.

3.1.4 Update Organization Information

Click “Update” in the operating row to open the modify organization page, and User can modify the information (columns with * are required fields).

Modify organization
×

Organization Type Agent Department

* Parent organization

* Dept. name * Display sort

* Principal * Contact number

* Email Status Normal Deactivate

* Area

* Address

Figure 4: Modify Organization

3.1.5 Delete Organizations

Click “Delete” in the operating row. After confirming, the organization will be deleted successfully.

3.2 Role MGT

Role MGT module is mainly for maintaining role information and assigning permissions to the roles.

Click “System MGT” -> “Role MGT” to enter the role MGT interface.

Home / System MGT / Role MGT
English ▾ Ann ▾

Home | Organization MGT ▾ | **Role MGT** ▾

Role name Role coding Role status

Operating	Dept. name	Role name	Role coding	Display order	Role status
↻ Update 🗑 Delete 🔍 Detail	鯨揚科技	管理員	admin	0	<input checked="" type="checkbox"/>
↻ Update 🗑 Delete 🔍 Detail	鯨揚科技	系統唯讀管理員	readOnlyAdmin	0	<input checked="" type="checkbox"/>
↻ Update 🗑 Delete 🔍 Detail	鯨揚科技	系統操作管理員	operationsAdmin	0	<input checked="" type="checkbox"/>
↻ Update 🗑 Delete 🔍 Detail	鯨揚科技	賬號管理角色	accountAdmin	0	<input checked="" type="checkbox"/>

Figure 5: Role MGT Interface

Note:

- During system initialization, the superior organization will have four default roles: read-only administrator, operation administrator, account administrator, and customer administrator. The account administrator can only be used by the superior organization, and it is responsible for adding the account information. When adding an organization, the parent organization will assign the read-only

administrator the operation administrator, and the customer administrator to the initial users of the secondary organization.

3.2.1 Add New Roles

Click “Add” and fill in the role name, role coding, and display order, and check the menu permissions. After finishing, click “Confirm” to successfully add a new role.

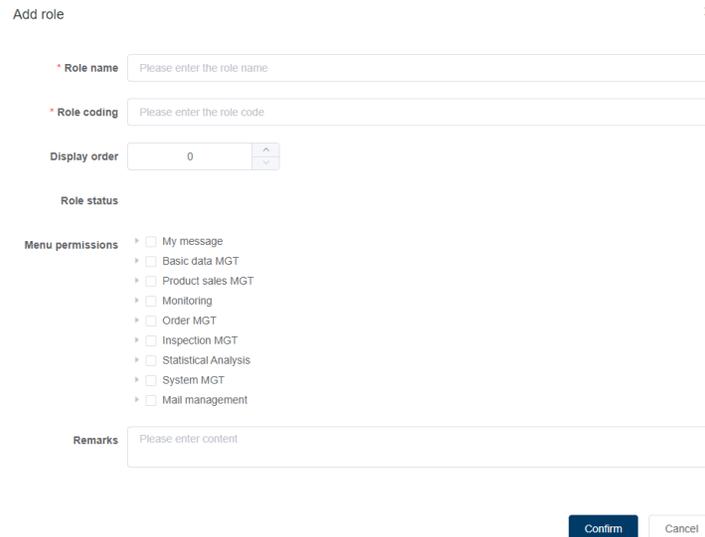


Figure 6: Add New Roles

Note:

- The role name and role coding cannot be set the same.

3.2.2 Update Role Information

Click “Update” in the operating row to open the modify the role page, and User can modify the information (columns with * are required fields).

3.2.3 Delete Roles

Click “Delete” in the operating row. After confirming, the role will be deleted successfully.

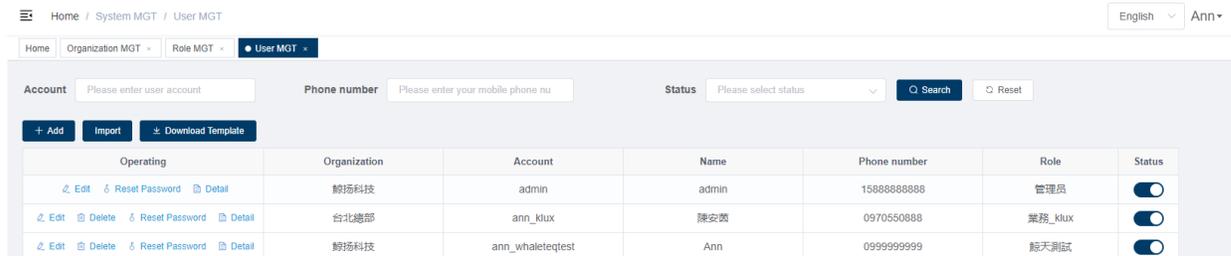
Note:

- If the role has been assigned to a user, then the role cannot be deleted. User needs to remove the user from the role to successfully delete the role.

3.3 User MGT

User MGT module is mainly for maintaining user information. After assigning a user to a role, the user will have the permissions of the role.

Click “System MGT” -> “User MGT” to enter the user MGT interface.



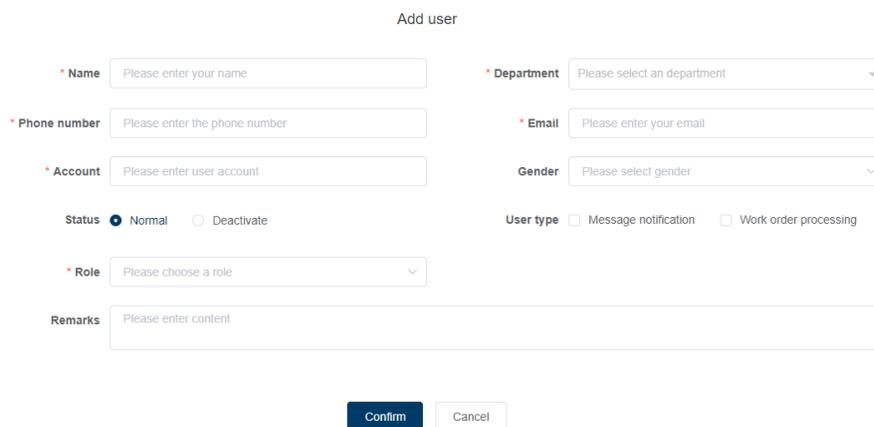
The screenshot shows the 'User MGT' interface with search filters and a table of users. The search filters include 'Account', 'Phone number', and 'Status'. The table has columns for 'Operating', 'Organization', 'Account', 'Name', 'Phone number', 'Role', and 'Status'.

Operating	Organization	Account	Name	Phone number	Role	Status
Edit Reset Password Detail	鯨揚科技	admin	admin	1588888888	管理員	<input checked="" type="checkbox"/>
Edit Delete Reset Password Detail	台北總部	ann_klux	陳安強	0970550888	業務_klux	<input checked="" type="checkbox"/>
Edit Delete Reset Password Detail	鯨揚科技	ann_whaleteqtest	Ann	0999999999	鯨天測試	<input checked="" type="checkbox"/>

Figure 7: User MGT Interface

3.3.1 Add Users

Click “Add” on the top to open the add user page and fill in the information. After finishing, click “Confirm” to successfully add a new user. The system will automatically send an email including the information of the user account and password when a new user is added.



The 'Add user' form includes the following fields and options:

- Name:** Please enter your name
- Department:** Please select an department
- Phone number:** Please enter the phone number
- Email:** Please enter your email
- Account:** Please enter user account
- Gender:** Please select gender
- Status:** Normal Deactivate
- User type:** Message notification Work order processing
- Role:** Please choose a role
- Remarks:** Please enter content

Buttons: Confirm, Cancel

Figure 8: Add New Users

Note:

- If the user type is set to message notification, a message will be automatically sent to the user when the equipment generates a system reminder such as an alarm.
- If the user type is set to work order processing, when adding the work order handler in the sales MGT module, the user will be shown on the list for selection.

- The account administrator of the superior organization can assign any roles to any users while others can only assign the roles they add to the users.
- The roles and users in secondary organizations are added by the read-only administrator and operation administrator in the secondary organizations, which are added by their parent organizations.
- When adding a user of the customer organization, the system defaults to the role sets for the customer organization, which users cannot modify it. What's more, users that are not set to customer organizations cannot select the role of the customer organization.
- When adding a user, the default language will be set to the language of the currently logged-in user. Users can switch the language of the system to traditional Chinese, simplified Chinese, or English.

3.3.2 Update User Information

Click “Edit” in the operating row to open the modify the user page. User can modify all of the information except for the account (columns with * are required fields).

Note:

- The information added by users with the same role can be modified mutually while the information added by users with different roles cannot be modified mutually.

3.3.3 Delete Users

Click “Delete” in the operating row. After confirming, the user will be deleted successfully. The deleted user cannot log in the system.

3.3.4 Reset Password

Click “Reset Password” in the operating row and enter the new password. After confirming, the new password will be set successfully. Then, User can log in with the new password.

3.3.5 Deactivate/Activate

The deactivated users cannot log in to the system; the reactivated users can log in to the system again.

3.3.6 Menu Permissions

Users will only have the menu permissions corresponding to their roles.

3.3.7 Information Permissions

After logging in, users can only view the information in their organization and their secondary organizations.

4. Home Page

Home Page displays the abnormal status list, list of orders, equipment distribution, and order statistics.



Figure 9: Home Page

4.1 Abnormal Status List

Abnormal status list displays the company name, the equipment number, the operating status, and the abnormal time of the abnormal equipment.

Abnormal status list			
Company	Equipment No.	Status	Abnormal time
布拉格有限公司	[Redacted]	●	2021-08-30 15:47:04

Figure 10: Abnormal Status List

Note:

- Yellow light represents that the training time or the next maintenance time of the equipment is 5 days before the expiry.

- Red light represents that the training time or the next maintenance time of the equipment has expired.
- When the equipment complies with both yellow light and red light rules, the equipment will be displayed in red light.

4.2 List of Orders

List of orders displays the status and information of every order type.

List of orders				
Order No.	Type	Status	Creation time	
BM2021091106500791	☐	Ⓞ	2021-09-11 14:50:07	
BM2021091106485132	☐	➤	2021-09-11 14:48:52	
BM2021091105363627	☐	⚡	2021-09-11 13:36:37	
BM2021091105341062	☐	➤	2021-09-11 13:34:11	
BM2021091105333756	☐	➤	2021-09-11 13:33:38	
BM2021091104191861	☐	➤	2021-09-11 12:19:19	
BM2021091103555076	☐	Ⓞ	2021-09-11 11:55:51	
IQ2021090307370526	⚙️	⚡	2021-09-03 15:37:05	

☑️ Alarm ☐ Maintenance ⚙️ Installation 📡 Training 📄 Other
 ➤ Dispatched Ⓞ Pending ⚡ Finished ⬇️ Returned

Figure 11: list of orders

Note:

- Users of the customer organization cannot see the list of orders.

4.3 Equipment Distribution

To display the equipment distribution on the map.

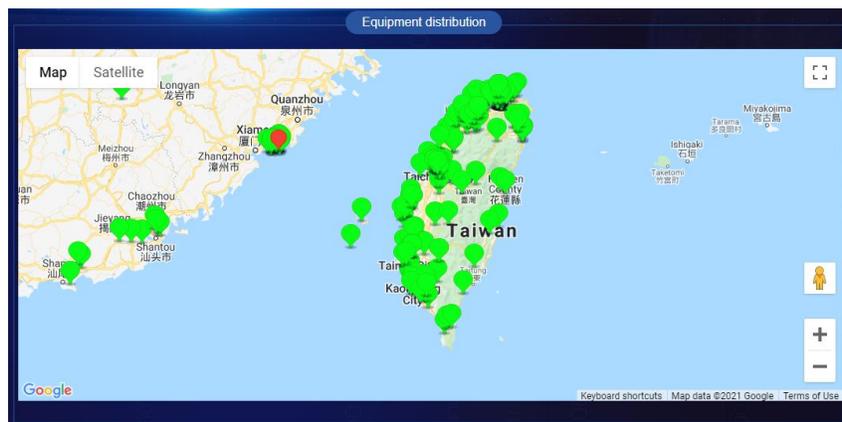


Figure 12: Equipment Distribution

Click any piece of equipment on the map to show the detailed information. Click the zoom button at the right upper-hand side to display the map in full screen.



Figure 13: Detailed Info. on the Map

4.4 Order Statistics

To display the statistical information of each order type in the previous twelve months.



Figure 14: Order Statistics

Note:

- Home Page automatically refreshes.
- Users of the customer organization cannot see the order statistics.

5. Basic Data MGT

Basic data MGT is mainly for maintaining product basic information, such as product type, device model, monitoring item, etc.

5.1 Product Type MGT

This module maintains the product types so that when selecting equipment in other modules, it can be selected according to the product type which improves the operational efficiency of the system.

Click “Basic data MGT” -> “Product type MGT” to enter the product type MGT interface. This interface shows the information added by the current user’s organization and the agency information of the current user’s organization.

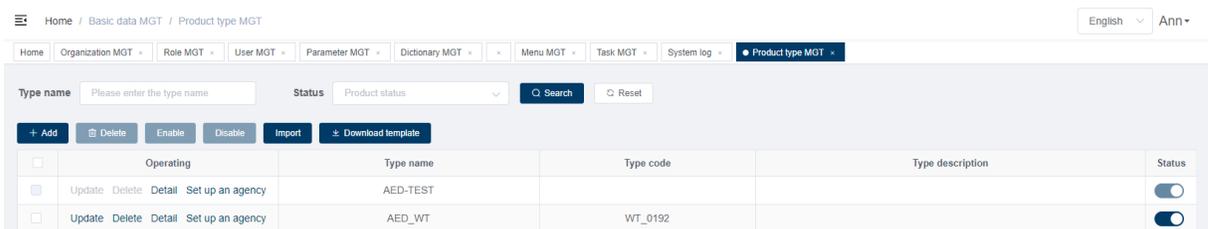


Figure 15: Product Type MGT interface

5.1.1 Add New Product Types

Click “Add” on the top to open the add product type page and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new product type.

Note:

- The type name and type code cannot be set the same.

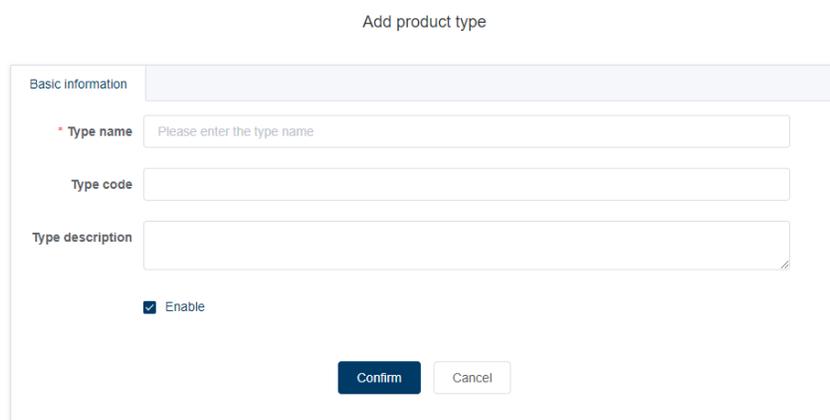


Figure 16: Add New Product Types

5.1.2 Update Product Type Information

Click “Update” in the operating row to open the modify the product type page, and User can modify all of the information (columns with * are required fields).

Note:

- The type name and type code cannot be the same.

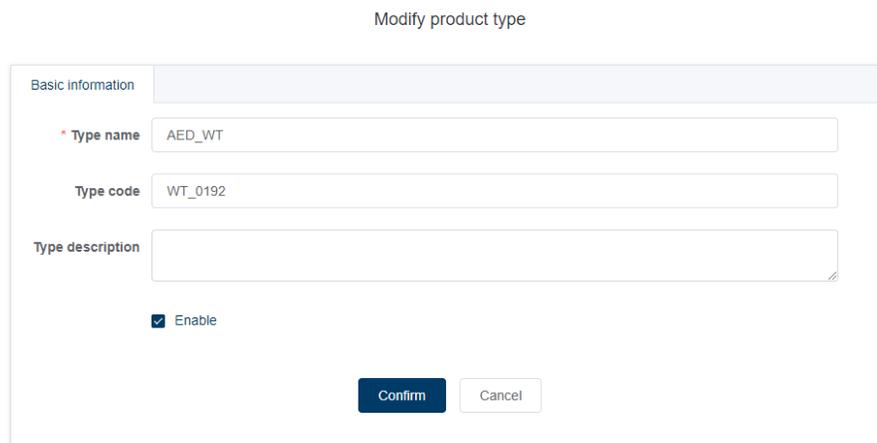


Figure 17: Update Product Type Information

5.1.3 Enable/Disable

The disabled product types cannot be seen in other modules; the reactivated product types can be seen in other modules again.

5.1.4 Delete Product Types

Click “Delete” in the operating row. After confirming, the product type will be deleted successfully.

Note:

- The product type with existing product information cannot be deleted.

5.1.5 Set Up an Agency

Click the “Set Up an Agency” to open the page. After checking an agency and click “Confirm”, User can successfully set up an agency for the product type.

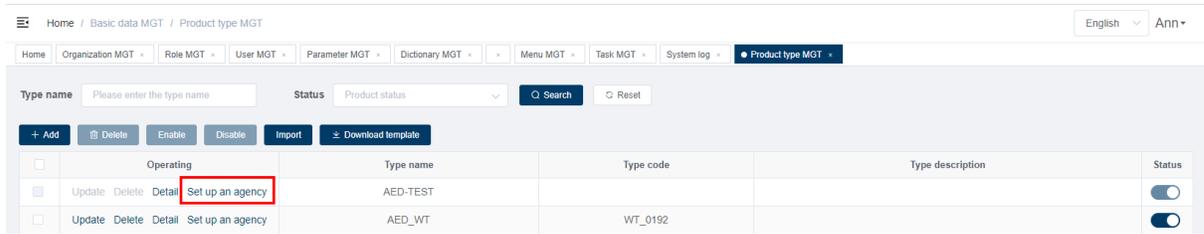


Figure 18: Set Up an Agency Button

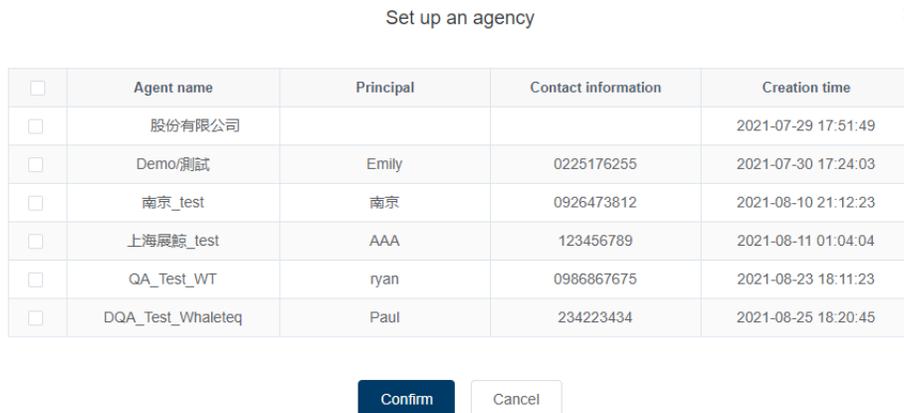


Figure 19: Select Agency Page

Note:

- Organizations at all levels can add, modify, delete, set an agency, and view details of their own product type information. If the product type information is not added by the user’s organization but the user’s organization has the right of agency, the user can only view the information but cannot operate.

5.1.6 Download Template/Import

Click “Download template” to download the template from the system. Fill in the product type information and click “Import” to successfully import product types.

5.2 Device Model MGT

This module maintains the device models in the system.

Click “Basic data MGT” -> “Device model MGT” to enter the device model MGT interface.

This interface displays the information added by the user’s organization and the information that the user’s organization has the right of agency.

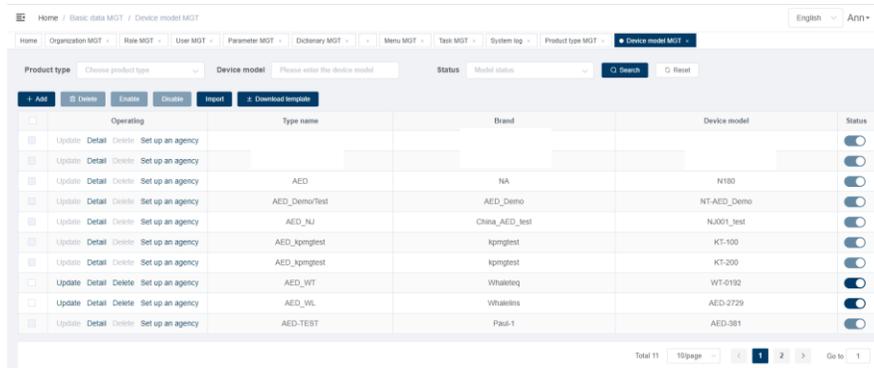


Figure 20: Device Model MGT Interface

5.2.1 Add New Device Models

Click “Add” on the top to open the add device model page and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new device model.

Basic information

* Product type: Choose product type

* Brand: Please enter the brand name

* Device model: Please enter the device model

Model code: [Text Field]

Description: [Text Area]

Enable

Confirm Cancel

Figure 21: Add New Device Models

Note:

- The device model columns cannot be set the same.
- User can only select the product type added by the user’s organization or the product type that the user’s organization has the right of agency.

5.2.2 Update Device Model Information

Click “Update” in the operating row to open the modify the device model page and User can modify all of the information (columns with * are required fields).

Figure 22: Update Device Model Information

5.2.3 Enable/Disable

The disabled device models cannot be seen in other modules; the reactivated device models can be seen in other modules again.

5.2.4 Delete Product Types

Click “Delete” in the operating row. After confirming, the device model will be deleted successfully.

Note:

- The device model with existing product information cannot be deleted.

5.2.5 Set Up an Agency

Click the “Set Up an Agency” to open the page. After checking an agency and click “Confirm”, User can successfully set up an agency for the device model.

Operating	Type name	Brand	Device model	Status
Update Detail Delete Set up an agency	AED_Klux	Nanoom Tech CO., LTD.	Heart Plus NT-180	<input type="checkbox"/>
Update Detail Delete Set up an agency	AED_Klux	凱樂斯股份有限公司	Heart Plus II NT-381	<input type="checkbox"/>
Update Detail Delete Set up an agency	AED	NA	N180	<input type="checkbox"/>
Update Detail Delete Set up an agency	AED_Demo/Test	AED_Demo	NT-AED_Demo	<input type="checkbox"/>

Figure 23: Set up an Agency Button

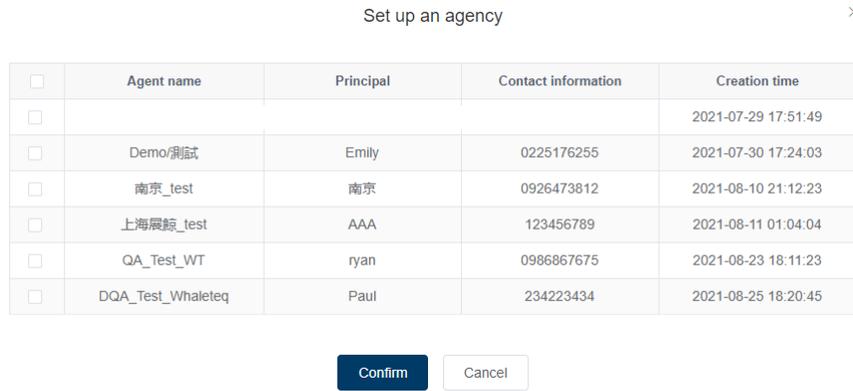


Figure 24: Select Agency Page

Note:

- Organizations at all levels can add, modify, delete, set an agency, and view details of their own device model information. If the device model information is not added by the user’s organization but the user’s organization has the right of agency, the user can only view the information but cannot operate.

5.2.6 Download Template/Import

Click “Download template” to download the template from the system. Fill in the device model information and click “Import” to successfully import device models.

5.3 Monitoring MGT

This module is mainly for maintaining and setting the thresholds of all of the monitor items. When adding monitor items to new equipment in other modules, User can select the monitor items set in this module. The monitor items are divided into three categories, which are single value, data group, and data pairing group.

Click “Basic data MGT” -> “Monitoring MGT” to enter the monitoring MGT interface.

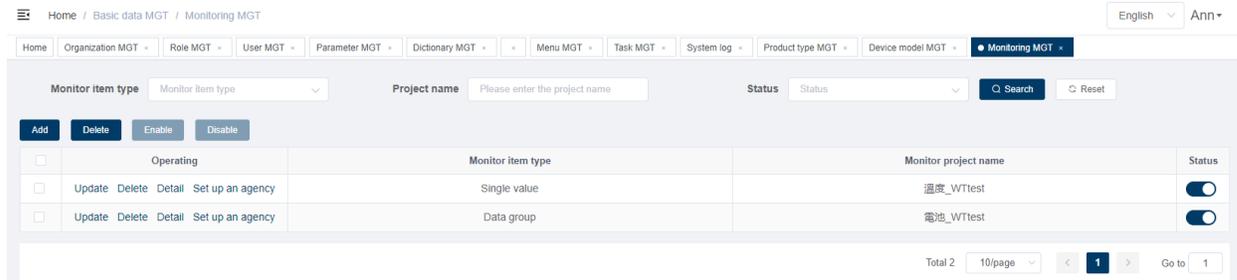


Figure 25: Monitoring MGT Interface

Note:

- Monitor items refer to the test items of the equipment. The system will inspect the equipment according to the monitor items maintain in this module.

5.3.1 Add New Single Value Monitor Items

Click “Add” on the top and open the add new monitor project page. Select “single value” for the monitor item type. Enter the monitor project code and name, and add new lighting rules (fill in the upper limit, the lower limit, and the lighting rule). After finishing, click “Confirm” to successfully add a new single value monitor item.

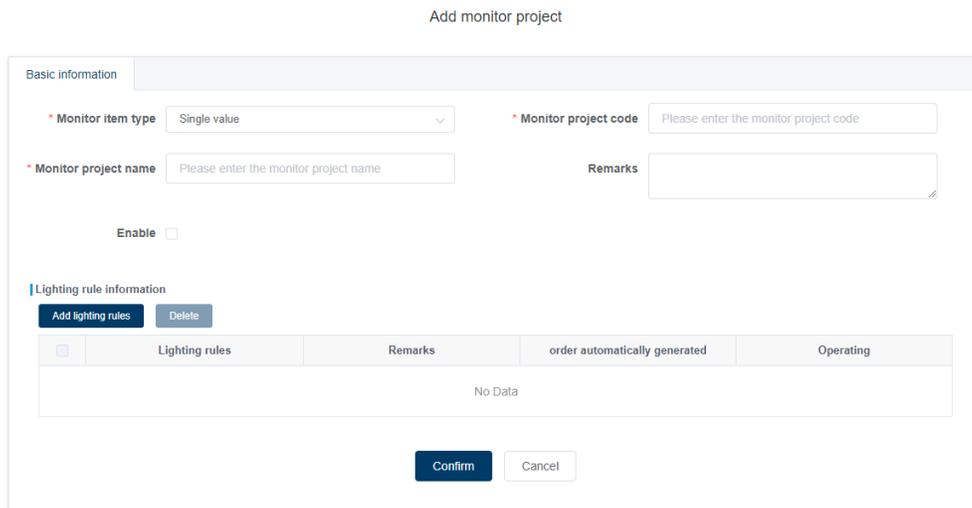


Figure 26: Add New Single Value Monitor Items

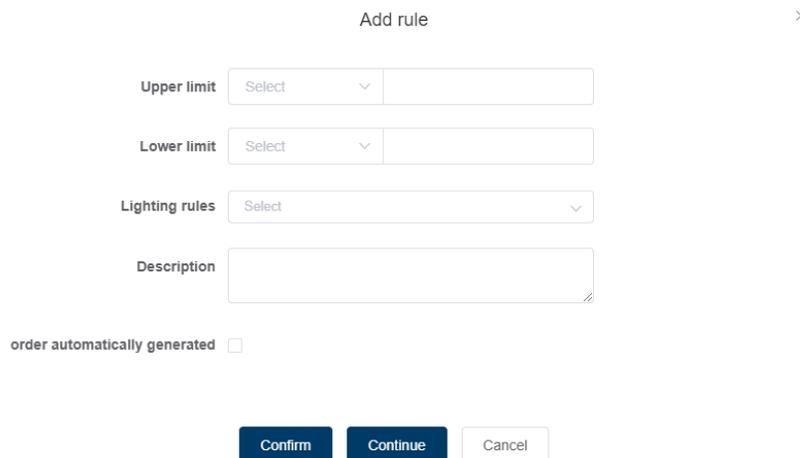


Figure 27: Add New Single Value Lighting Rules

Note:

- The lower limit cannot be set greater than the upper limit.
- There can be no intersection between different lighting rules. For example: 20<temperature<50 will be green light. Then, other lighting rules cannot be set in between 20 to 50.
- The upper limit and lower limit should be consecutive. For example: 20<temperature<50 will be green light, and 50=<temperature <60 will be yellow light.
- “Order automatically generated” means to automatically generate alarm orders when the equipment meets the requirement of the lighting rules.
- When setting the lighting rules, User is allowed to set one limit only. For example: temperature<=20 will be red light.
- If User updates the monitor item that has already been selected in the product sales MGT module, User will need to delete the previous one and select the monitor item again. Otherwise, the monitor item will not be updated in the product sales MGT module.

5.3.2 Add New Data Group Monitor Items

Click “Add” on the top and open the add new monitor project page. Select “data group” for the monitor item type. Enter the monitor project code and name, and add new lighting rules. After finishing, click “Confirm” to successfully add a new data group monitor item.

Note:

- User can only enter digits and comma in the lighting rules.

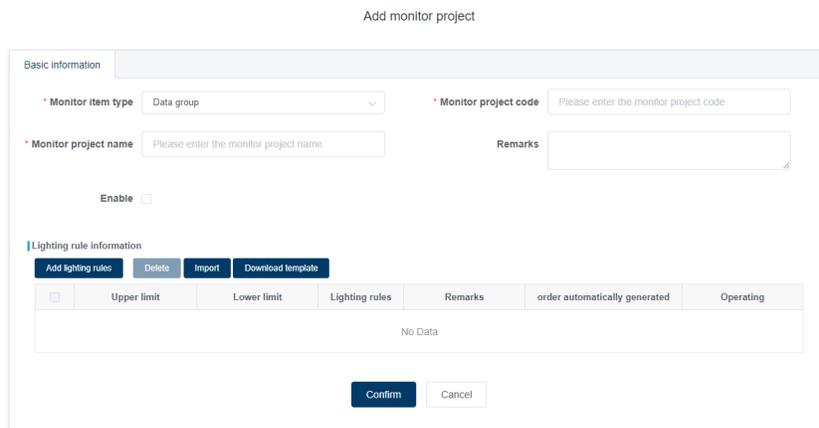


Figure 28: Add New Data Group Monitor Items

Add rule ×

Upper limit

Lower limit

Lighting rules

Description

order automatically generated

Confirm Continue Cancel

Figure 29: Add New Data Group Lighting Rules

5.3.3 Add New Data Pairing Group Monitor Items

Click “Add” on the top and open the add new monitor project page. Select “data pairing group” for the monitor item type. Enter the monitor project code and name, and add new lighting rules. After finishing, click “Confirm” to successfully add a new data pairing group monitor item.

Add monitor project ×

Basic information

* Monitor item type * Monitor project code

* Monitor project name Remarks

Enable

Lighting rule information

Add lighting rules Delete

	Code	Name	Upper limit	Lower limit	Lighting rules	Remarks	order automatically generated	Operating
No Data								

Confirm Cancel

Figure 30: Add New Data Pairing Group Monitor Items

Add rule ×

* Code

* Name

Upper limit

Lower limit

Lighting rules

Description

order automatically generated

Figure 31: Add New Data Pairing Group Lighting Rules

5.4 Regions MGT

This module is mainly for maintaining administrative regions information that will be seen in other modules.

Click “Basic data MGT” -> “Regions MGT” to enter the regions MGT interface.

Home / Basic data MGT / Regions MGT

English Ann

Home Organization MGT Role MGT User MGT Parameter MGT Dictionary MGT Menu MGT Task MGT System log Product type MGT Device model MGT Monitoring MGT **Regions MGT**

Name

Name	Coding	Operating
▼ 臺灣地區	0860000000000000	Update
> 臺灣	0860010000000000	Update
> 大陸地區	86000000	Update

Figure 32: Regions MGT Interface

5.4.1 Download Template/Import

Click “Download template” to download the template from the system. Fill in the coding and the name in the template, and click “Import” to successfully import administrative region information.

Note:

- The administrative region code is 15 bits, including nationality, province, city, district, and county (three bits/item). After importing the template, the system will automatically arrange the data in a tree arrangement according to the code.

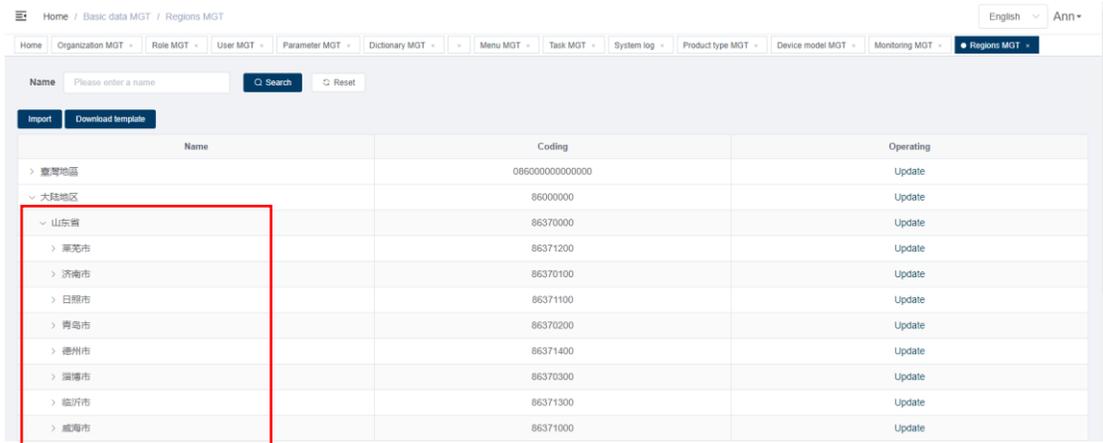


Figure 33: Tree Arrangement

5.4.2 Update Administrative Region Code Information

Click “Update” in the operating row to open the modify the administrative region page, and User can modify all of the information. After updating the information, the system will rearrange the tree arrangement.

5.5 Notify Staff MGT

Users that are set to message notification in the User MGT interface will show in the notify staff MGT module. This list shows when User is setting the device notification staff in the product sales MGT interface.

Click “Basic data MGT” -> “Notify Staff MGT” to enter the notify staff MGT interface.

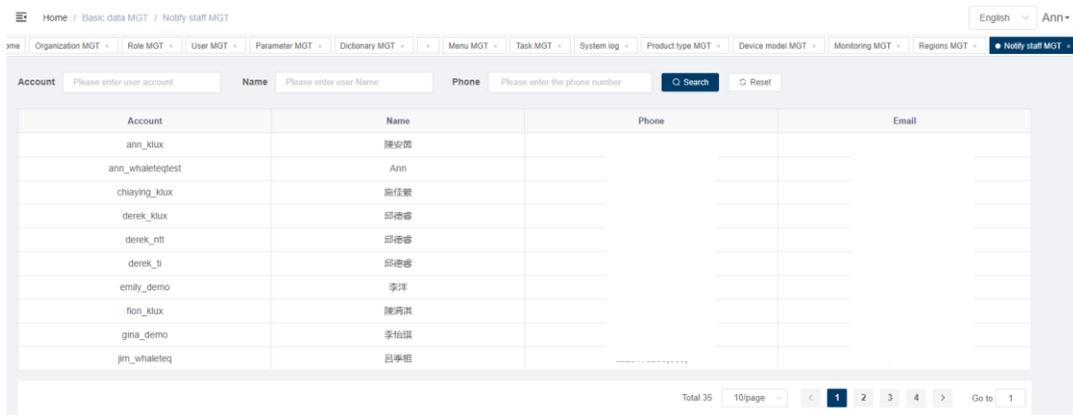


Figure 34: Notify Staff MGT Interface

5.6 Order Handler MGT

Users that are set to work order processing in the User MGT interface will show in the order handler MGT module. This list shows when User is setting the work order handler in the product sales MGT interface.

Click “Basic data MGT” -> “Order Handler MGT” to enter the order handler MGT interface.

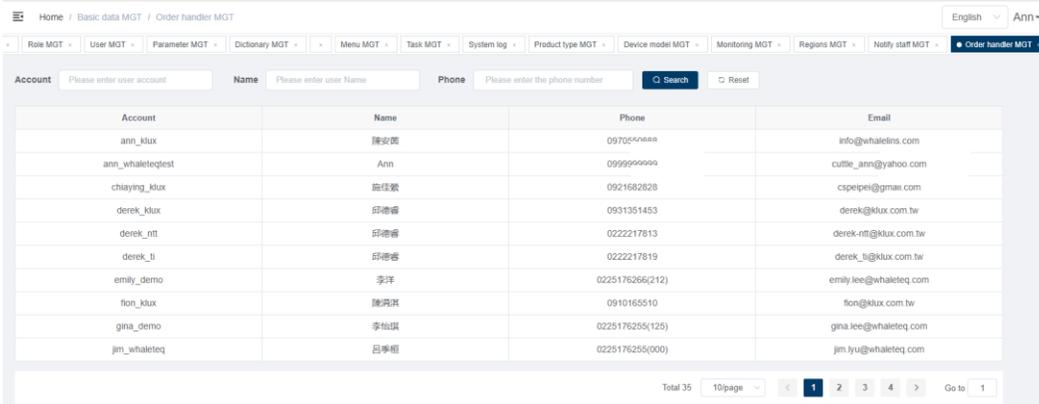


Figure 35: Order Handler MGT Interface

5.7 Accessory MGT

This module is mainly for maintaining accessory information. When adding new accessories to the equipment in the sales MGT interface, this list of accessories will show.

Click “Basic data MGT” -> “Accessory MGT” to enter the accessory MGT interface.

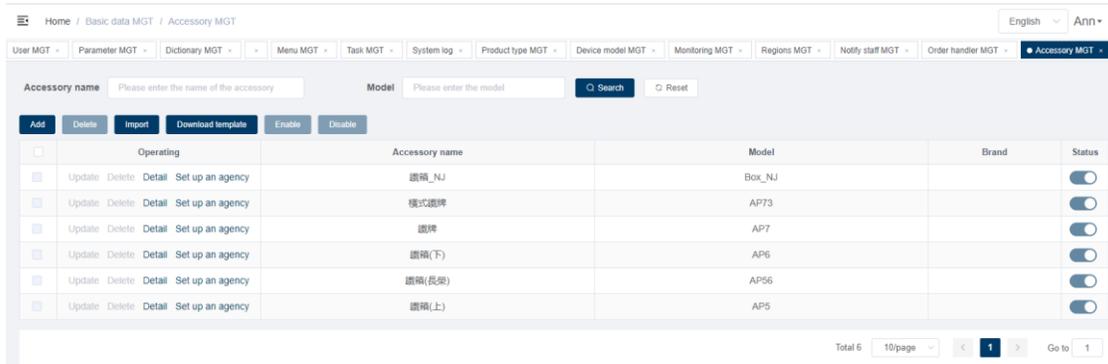


Figure 36: Accessory MGT Interface

5.7.1 Add New Accessories

Click “Add” on the top to open the add accessory information page and fill in the information (columns with * are required fields). After finishing, click “Confirm” to successfully add a new accessory.

Note:

- The accessory names cannot be set the same ◦

Add accessory information ×

Accessory name	<input type="text"/>
* Accessory name	<input type="text" value="Please enter the name of the accessory"/>
* Model	<input type="text" value="Please enter the model"/>
* Supplier	<input type="text" value="Please enter the supplier"/>
Accessory code	<input type="text"/>
Brand	<input type="text"/>
<input type="checkbox"/> Enable	
<input type="button" value="Confirm"/> <input type="button" value="Continue"/> <input type="button" value="Cancel"/>	

Figure 37: Add New Accessories

5.7.2 Update Accessory Information

Click “Update” in the operating row to open the modify the accessory information page, and User can modify all of the information (columns with * are required fields).

5.7.3 Delete Accessory Information

Click “Delete” in the operating row. After confirming, the accessory will be deleted successfully.

Note:

- The accessories with existing product information cannot be deleted.

5.7.4 Set Up an Agency

Click the “Set Up an Agency” to open the page. After checking an agency and click “Confirm”, User can successfully set up an agency for the accessory.

Set up an agency ×

	Agent name	Principal	Contact information	Creation time
<input type="checkbox"/>				
<input type="checkbox"/>	Demo/測試	Emily	0225176255	2021-07-30 17:24:03
<input type="checkbox"/>	南京_test	南京	0926473812	2021-08-10 21:12:23
<input type="checkbox"/>	上海展鯨_test	AAA	123456789	2021-08-11 01:04:04
<input type="checkbox"/>	QA_Test_WT	ryan	0986867675	2021-08-23 18:11:23
<input type="checkbox"/>	DQA_Test_Whaletq	Paul	234223434	2021-08-25 18:20:45

Figure 38: Select Agency Page

Note:

- Organizations at all levels can add, modify, delete, set an agency, and view details of their own accessory information. If the accessory information is not added by the user's organization but the user's organization has the right of agency, the user can only view the information but cannot operate.

5.7.5 Download Template/Import

Click "Download template" to download the template from the system. Fill in the accessory information in the template and click "Import" to successfully import accessory information.

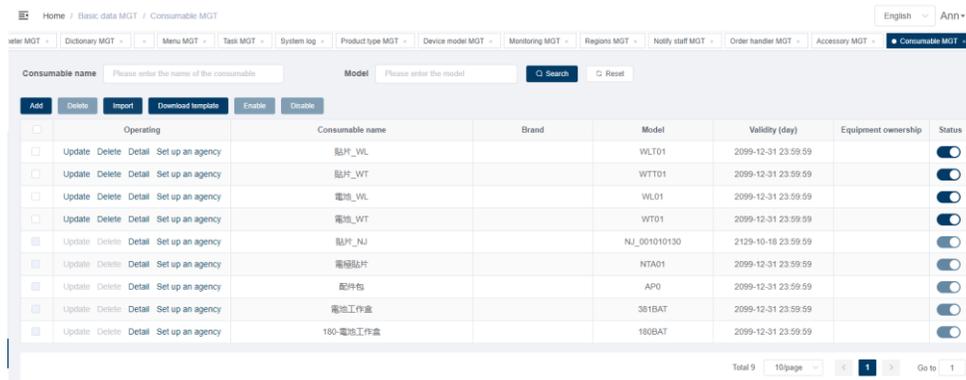
5.7.6 Enable/Disable

The disabled accessory cannot be seen in other modules; the reactivated accessory can be seen in other modules again.

5.8 Consumable MGT

This module is mainly for maintaining consumable information. When adding new consumables to the equipment in the sales MGT interface, this list of consumables will show.

Click "Basic data MGT" -> "Consumable MGT" to enter the consumable MGT interface.



Consumable name	Brand	Model	Validity (day)	Equipment ownership	Status
配件_WL		WLT01	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
配件_WT		WTT01	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
電池_WL		WL01	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
電池_WT		WTD01	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
配件_NJ		NJ_001010130	2129-10-18 23:59:59		<input checked="" type="checkbox"/>
電腦貼片		NTA01	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
配件包		AP0	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
電池工作盒		381BAT	2099-12-31 23:59:59		<input checked="" type="checkbox"/>
180-電池工作盒		180BAT	2099-12-31 23:59:59		<input checked="" type="checkbox"/>

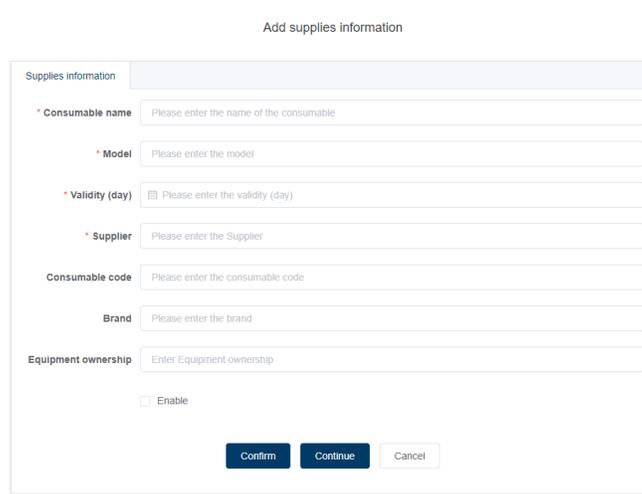
Figure 39: Consumable MGT Interface

5.8.1 Add New consumables

Click "Add" on the top to open the add supplies information page and fill in the information (columns with * are required fields). After finishing, click "Confirm" to successfully add a new consumable.

Note:

- The consumable names cannot be set the same ◦



The screenshot shows a modal window titled "Add supplies information" with a close button (X) in the top right corner. The form contains the following fields:

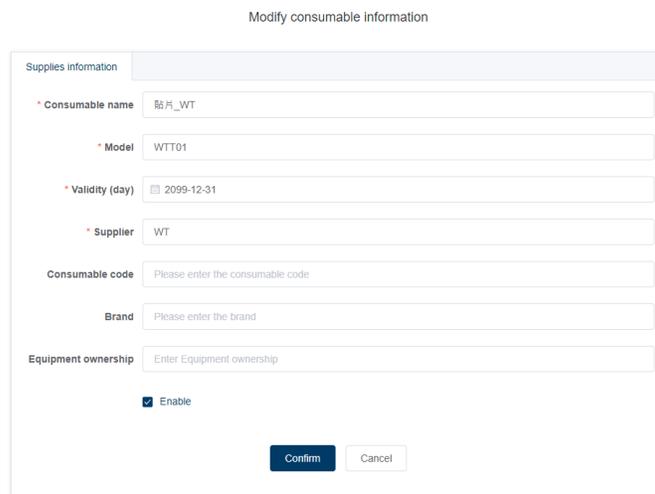
- Consumable name** (required): "Please enter the name of the consumable"
- Model** (required): "Please enter the model"
- Validity (day)** (required): "Please enter the validity (day)" with a calendar icon
- Supplier** (required): "Please enter the Supplier"
- Consumable code**: "Please enter the consumable code"
- Brand**: "Please enter the brand"
- Equipment ownership**: "Enter Equipment ownership"
- Enable**: A checkbox labeled "Enable"

At the bottom of the form are three buttons: "Confirm", "Continue", and "Cancel".

Figure 40: Add New Consumables

5.8.2 Update Consumable Information

Click "Update" in the operating row to open the modify the consumable information page and User can modify all of the information (columns with * are required fields).



The screenshot shows a modal window titled "Modify consumable information" with a close button (X) in the top right corner. The form contains the following fields:

- Consumable name** (required): "脱片_WT"
- Model** (required): "WTT01"
- Validity (day)** (required): "2099-12-31" with a calendar icon
- Supplier** (required): "WT"
- Consumable code**: "Please enter the consumable code"
- Brand**: "Please enter the brand"
- Equipment ownership**: "Enter Equipment ownership"
- Enable**: A checked checkbox labeled "Enable"

At the bottom of the form are two buttons: "Confirm" and "Cancel".

Figure 41: Modify Consumable Information

5.8.3 Delete Consumable Information

Click "Delete" in the operating row. After confirming, the consumable will be deleted successfully.

Note:

The consumables with existing product information cannot be deleted.

5.8.4 Set Up an Agency

Click the “Set Up an Agency” to open the page. After checking an agency and click “Confirm”, User can successfully set up an agency for the consumable.

Note:

- Organizations at all levels can add, modify, delete, set an agency, and view details of their own consumable information. If the consumable information is not added by the user’s organization but the user’s organization has the right of agency, the user can only view the information and cannot operate.

5.8.5 Download Template/Import

Click “Download template” to download the template from the system. Fill in the consumable information in the template and click “Import” to successfully import consumable information.

5.8.6 Enable/Disable

The disabled consumable cannot be seen in other modules; the reactivated consumable can be seen in other modules again.

6. Product Sales MGT

Product sales MGT is mainly for maintaining product after-sales information, such as product basic information, customer information, training program, etc.

6.1 Product MGT

This module is mainly for maintaining product information. (The product information maintaining in the product MGT interface refers to the product type information instead of individual equipment information.)

Click “Product Sales MGT” -> “Product MGT” to enter the product MGT interface.

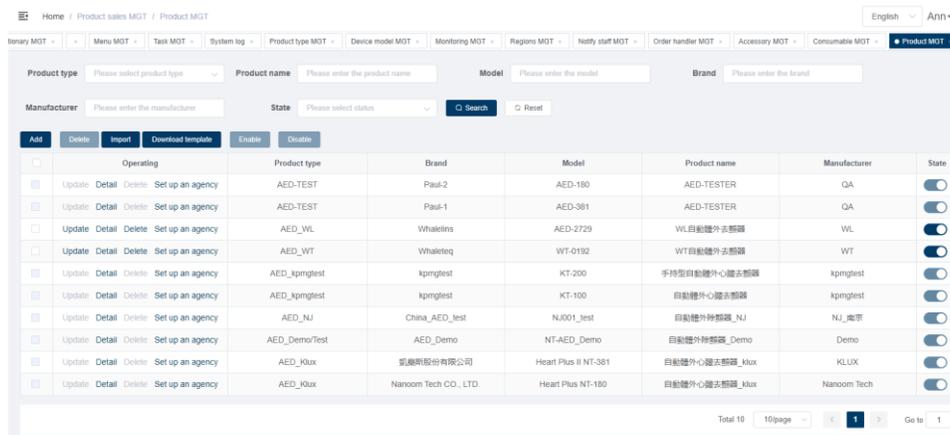


Figure 42: Product MGT Interface

6.1.1 Add New Product Basic Information

Click “Add” on the top to open the new product basic information page and fill in the basic information. After finishing, click “Next Step” to jump to the monitor information page and click “Add” to add new monitor items. When finish adding the information, click “Confirm” to successfully add new product information.

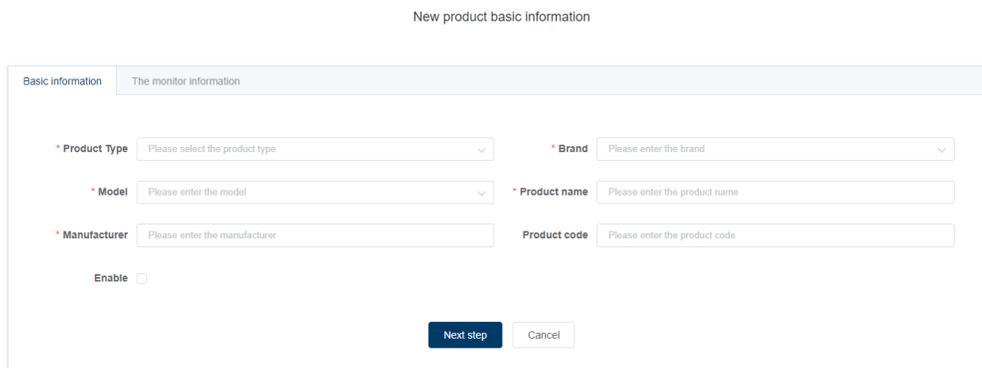


Figure 43: New Product Basic Information

New product basic information ×

Basic information The monitor information

Add

Operating	Delete	Detail	Monitor item type	Monitor project code	Monitor project name	Remarks
			Single value	TEMP_WT	溫度_WTtest	
			Data group	WT_BAT	電池_WTtest	

Confirm
Cancel

Figure 44: Add New Monitor Items in the Product MGT Module

Choose monitor ×

Monitor item type Project name Q Search Q Reset

<input type="checkbox"/>	Monitor item type	Monitor project name
<input checked="" type="checkbox"/>	Single value	溫度_WTtest
<input type="checkbox"/>	Data group	電池_WTtest

Total 2 < 1 > Go to

Confirm
Cancel

Figure 45: Select Monitor Items

Note:

- After adding monitor items information, the selected monitor items set in this module will show when the user is adding new equipment to this product type in the sales MGT module.

6.1.2 Update Product Information

Select a product and click “Update” to modify the basic information or the monitor information of the product.

Modify product basic information ×

Basic information
The monitor information

* Product Type

* Model

* Manufacturer

Enable

* Brand

* Product name

Product code

Figure 46: Update Product Information

6.1.3 Delete Product Information

Click “Delete” in the operating row. After confirming, the product will be deleted successfully.

Note:

- The product with existing product information cannot be deleted.

6.1.4 Set Up an Agency

Click the “Set Up an Agency” to open the page. After checking an agency and click “Confirm”, User can successfully set up an agency for the product.

Note:

- When setting up an agency, users can only select their secondary agencies.
- After the setting, the agency will need to log in again to see the new product information.
- Organizations at all levels can add, modify, delete, set an agency, and view details of their own product information. If the product information is not added by the user’s organization but the user’s organization has the right of agency, the user can only view the information but cannot operate.

6.1.5 Download Template/Import

Click “Download template” to download the template from the system. Fill in the product information in the template and click “Import” to successfully import product information.

6.1.6 Enable/Disable

The disabled product cannot be seen in other modules; the reactivated product can be seen in other modules again.

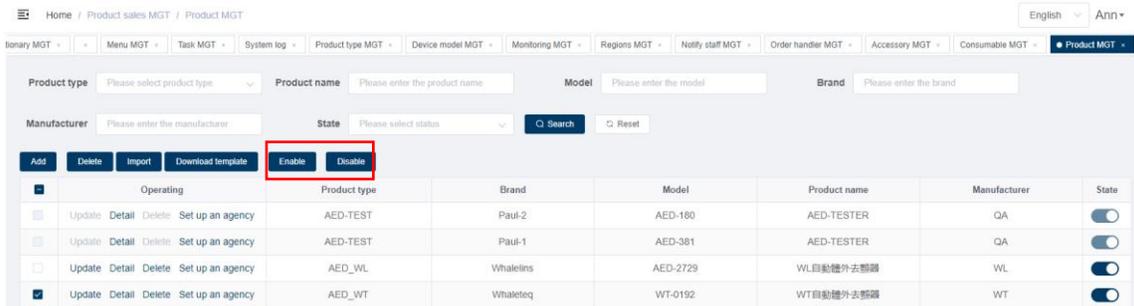


Figure 47: Enable/Disable Buttons

6.2 Sales MGT

After the equipment has been sold, User can add the sales information, the customer information, and the installation information of the equipment in the sales MGT interface.

Click “Product Sales MGT” -> “Sales MGT” to enter the sales MGT interface.

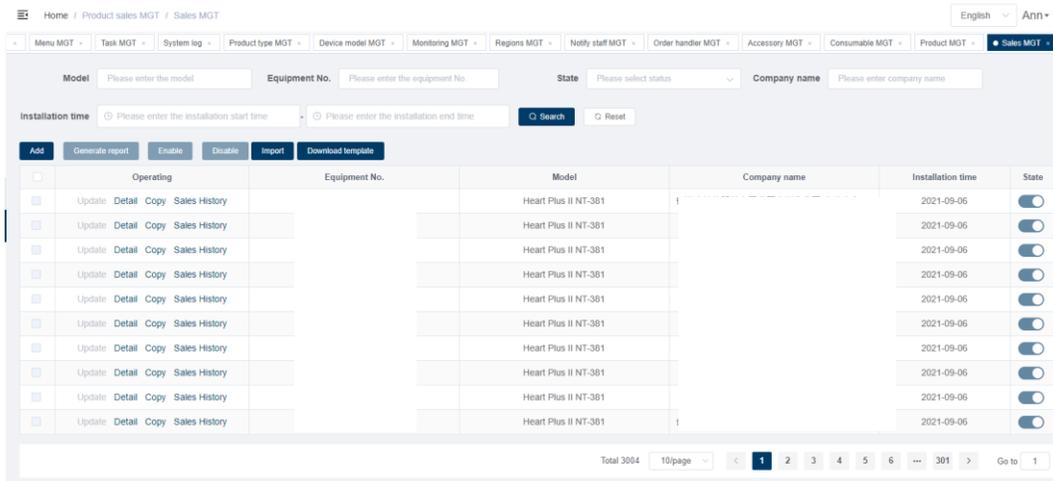
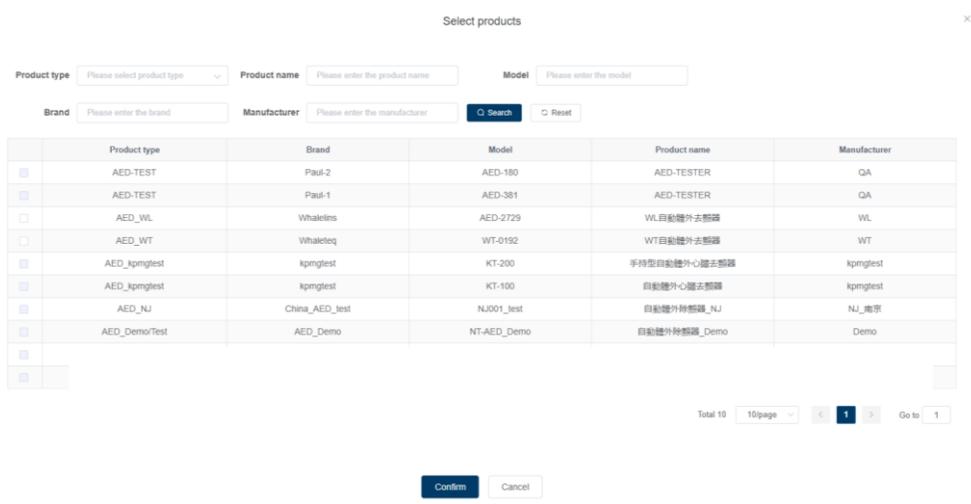


Figure 48: Sales MGT Interface

6.2.1 Add New Equipment Sales Information

Click “Add” and select a product type in the pop-up windows.



	Product type	Brand	Model	Product name	Manufacturer
<input type="checkbox"/>	AED-TEST	Paul-2	AED-180	AED-TESTER	QA
<input type="checkbox"/>	AED-TEST	Paul-1	AED-361	AED-TESTER	QA
<input type="checkbox"/>	AED_WL	Whalelins	AED-2729	WL自動體外去脈器	WL
<input type="checkbox"/>	AED_WT	Whaleteq	WT-0192	WT自動體外去脈器	WT
<input type="checkbox"/>	AED_kpinglest	kpinglest	KT-200	手持型自動體外心臟去脈器	kpinglest
<input type="checkbox"/>	AED_kpinglest	kpinglest	KT-100	自動體外心臟去脈器	kpinglest
<input type="checkbox"/>	AED_NJ	China_AED_test	NJ001_test	自動體外除顫儀_NJ	NJ_南京
<input type="checkbox"/>	AED_DemoTest	AED_Demo	NT-AED_Demo	自動體外除顫儀_Demo	Demo

Figure 49: Select Product

Note:

- User can only select the product types that are added by the user’s organization or the product types that the user’s organization has the right of agency.

Click “Confirm” after the selection and the system will jump to the add device sales information page. This page is divided into four parts, which are the basic information tab, monitor information tab, accessories information tab, and supplies information tab.

After filling in the basic information, the customer information, the training program information, and the device notification staff, click “Next Step” to jump to the monitor information tab. (The system will automatically save the information.)

Add device sales information ×

Basic information Monitor information Accessories information Supplies information

Product name: WT自動體外去顫器 Model: WT-0192 Product type: AED_WT

Brand: Whaleteq Manufacturer: WT

Organization: 鯨標科技 * Equipment No.: * Production date:

* Warranty date: Distributor: Factory report:
 Upload up to 5 documents

Sublet:

* Company name: * Contact person: * Contact number:

Job title: * Email: * The scheduled installation time:

* Installation address:

* Address:

* Location description:

Training program

	Training period	Trainer	Contact number	Email	Training location
<input type="checkbox"/>					

Figure 50: Add Device Sales Basic Information

Note:

- According to the time set on this page, the system will automatically generate training orders.

In the monitor information tab, the system will list the monitor items of the product type that the user sets in the product MGT interface. User can also manually modify the monitor items. After editing, click “Confirm” to jump to the accessories information tab. (The system will automatically save the information.)

Add device sales information ×

Basic information **Monitor information** Accessories information Supplies information

Operating	Monitor project code	Monitor project name
Delete Edit	TEMP_WT	溫度_WTTest
Delete Edit	WT_BAT	電池_WTTest

Figure 51: Add Device Sales Monitor Information

Note:

- If User updates the monitor item set in the basic MGT module, User will need to delete the previous one and select the monitor item again in the product sales MGT interface. Otherwise, the monitor item will not be updated.

- User can choose not to add monitor items. If User doesn't need to add monitor information, User can directly switch to other tabs to continue adding other information. If User doesn't need to add other information, click "Cancel", and the information will be added successfully.

In the accessories information tab, click "Add" to open the accessory list. Select the desired accessories and click "Confirm" to jump to the supplies information tab.

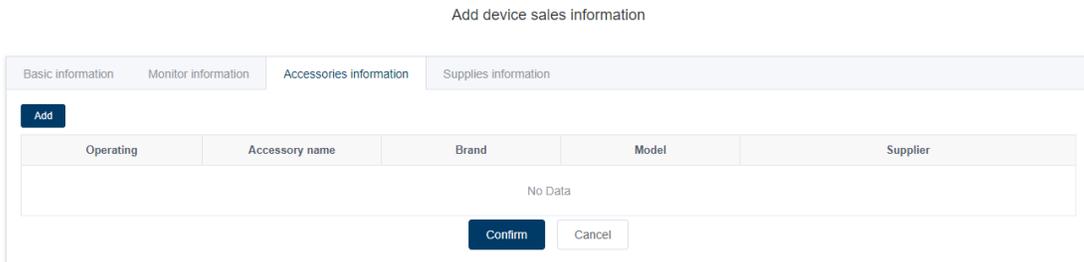


Figure 52: Add Device Sales Accessories Information

Note:

- User can only select the accessories that are added by the user's organization or the accessories that the user's organization has the right of agency.
- User can choose not to add the accessories information. If User doesn't need to add the accessories information, User can directly switch to other tabs to continue adding other information. If User doesn't need to add other information, click "Cancel", and the information will be added successfully.

In the supplies information tab, click "Add" to open the consumable list. Select the desired consumables and click "Confirm" to successfully add the equipment sales information.

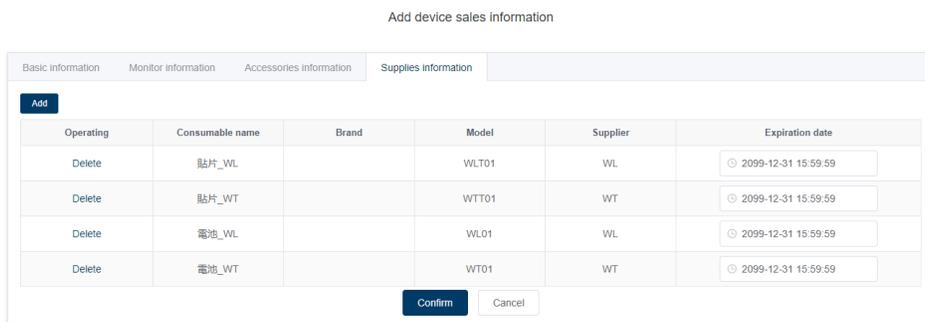


Figure 53: Add Device Sales Supplies Information

Note:

- The newly added equipment requires User to manually enable the equipment.
- User can only select the consumables that are added by the user's organization or the consumables that the user's organization has the right of agency.
- The system automatically calculates the consumable expiry date (calculation formula: current date + consumable expiration date). The system allows User to manually edit the consumable expiry date, but the date cannot be set later than the calculated date.
- User can choose not to add the supplies information. If User doesn't need to add the supplies information, click "Cancel", and the equipment sales information will be added successfully.
- According to the consumable expiry date and the preset maintenance order generation rules, the system will automatically generate a maintenance order near the expiry date.

6.2.2 Update Equipment Sales Information

Click "Update" in the operating row to open the modify equipment sales information page. User can edit all of the information except for the equipment number.

Modify equipment sales information ×

Basic information
Monitor information
Accessories information
Supplies information

Product name WT自動體外去脈器

Brand Whaleteq

Organization 鯨豚科技

* Warranty date 2026-01-01

Sublet

* Company name 怡林有限公司

Job title

* Installation address 臺灣地區 / 臺南 / 臺南市 / 臺南區

* Address 寶德1街

* Location description 2號宅門

Model WT-0192

Manufacturer WT

* Equipment No.

Distributor

* Contact person 黃亞斯坦

* Email n/a

Product type AED_WT

* Production date 2021-01-01

Factory report

Upload up to 5 documents

* Contact number 0900000999

* The scheduled installation time 2021-08-24 00:00

Training program

	Training period	Trainer	Contact number	Email	Training location
<input type="checkbox"/>					

Figure 54: Update Equipment Sales Information

6.2.3 Copy Equipment Sales Information

Click “Copy” in the operating row to open the copy equipment sales information page. User will only need to fill in the equipment number. Click “Next Step” to successfully copy the equipment sales information.

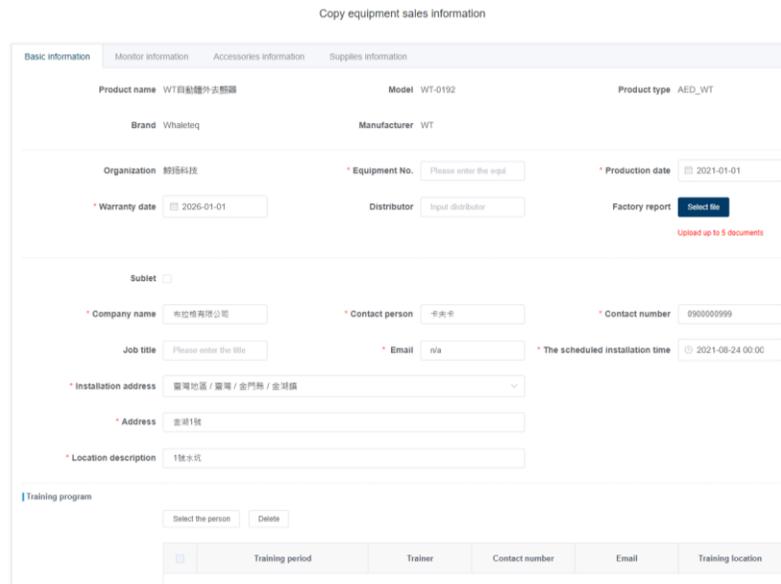


Figure 55: Copy Equipment Sales Information

6.2.4 Sales History

Click “Sales History” in the operating row to view detailed information.



Operating	Company name	Contact person	Contact number	Installation time	End Time	Installation address	Location description	Address

Figure 56: Sales History

6.2.5 Enable/Disable

After adding a new piece of equipment, the default status of the equipment will be “disable”. Manually enabled the equipment and the system will automatically generate an installation order.

Click “Disable” to disabled the equipment. The system will stop monitoring the disabled equipment.

6.2.6 Equipment Detail

Click “Detail” in the operating row to open the equipment sales information details page. User can check the basic information, monitor information, accessories information, supplies information, and historical orders of the equipment.

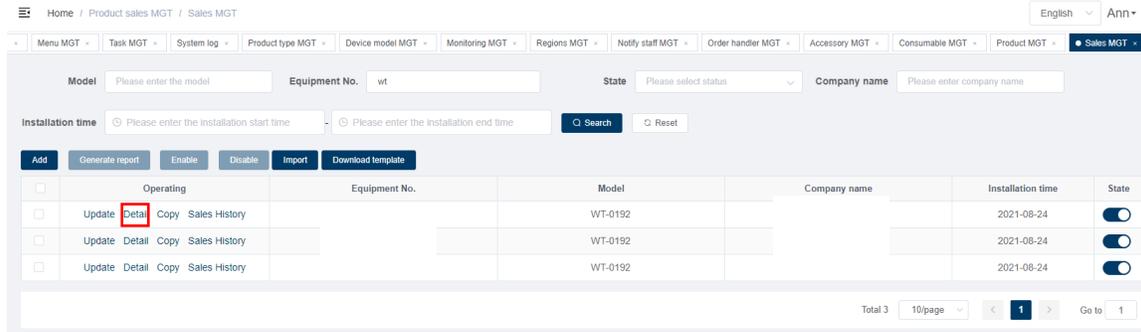


Figure 57: Detail Button

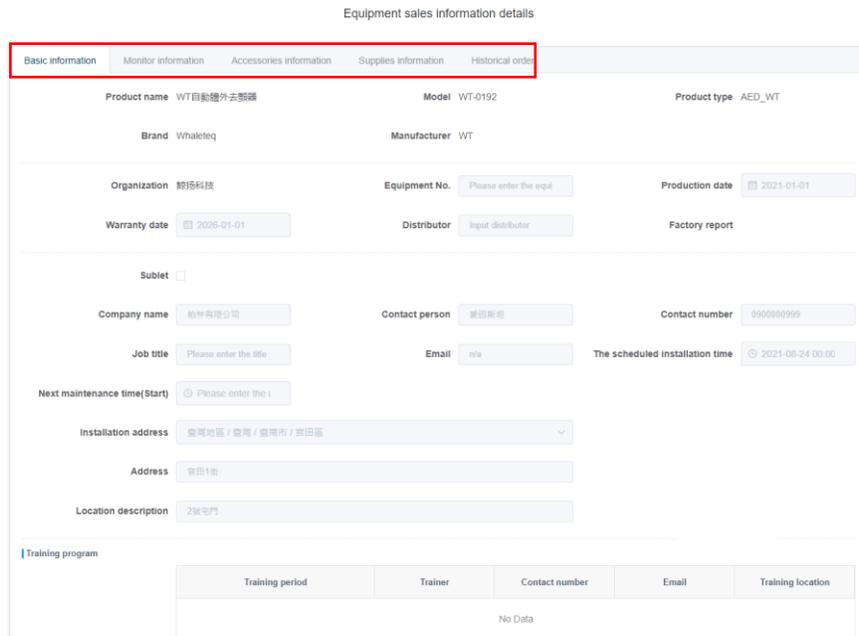


Figure 58: Tabs

Note:

- The historical order information shows the finished orders of the equipment.

6.3 Equipment Information MGT

User can maintain the sales information, the customer information, and view the sale of history in the equipment information MGT interface.

Click “Product Sales MGT” -> “Equipment Information MGT” to enter the equipment information MGT interface.

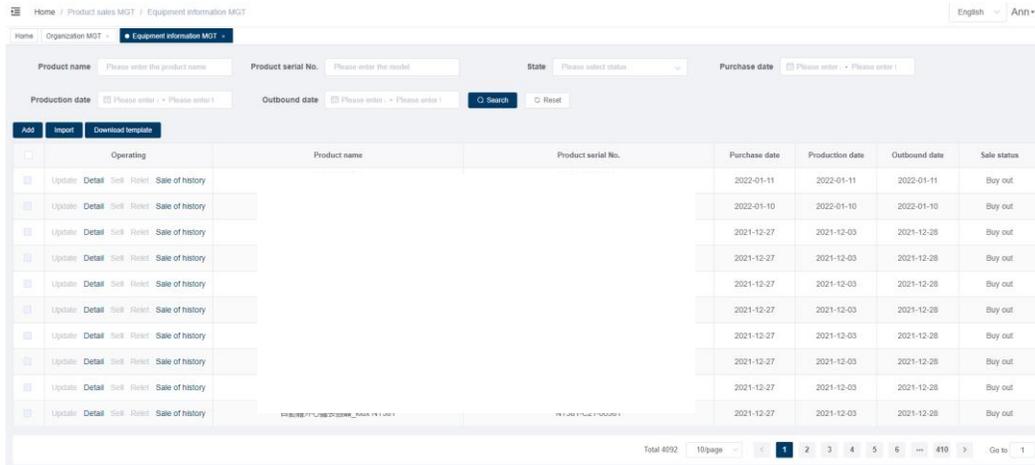


Figure 59: Equipment Information Interface

6.3.1 Add New Device Basic Information

Click “Add” on the top to open the new device basic information page. Select the product name and fill in the product serial number, production date, purchase date, and outbound date. After finishing, click “Confirm” to successfully add new device basic information.

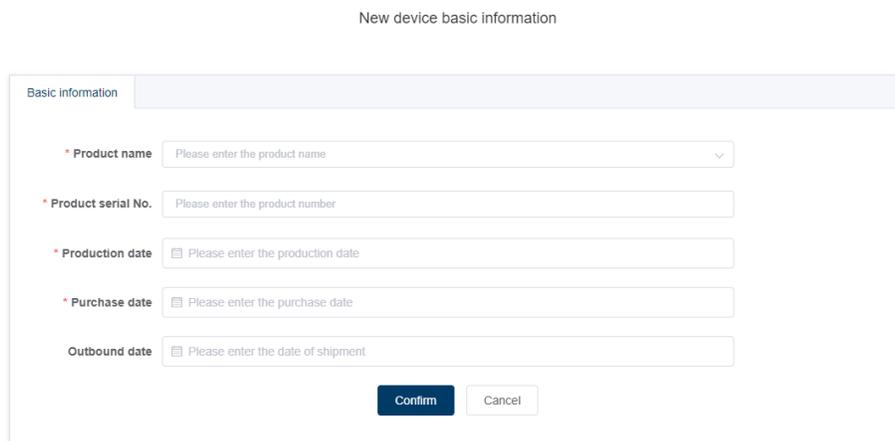


Figure 60: Add New Device Basic Information

Note:

- The equipment information interface will display only the equipment added by the agent and the department of the agent.
- Users can click the “Sell” button after filling in the outbound date of the equipment.

6.3.2 Update Device Basic Information

Click “Update” in the operating row to open the modify device basic information page, and user can edit the information.

6.3.3 Sell

Click “Sell”, and user can select the agent or the users of the customer organization.

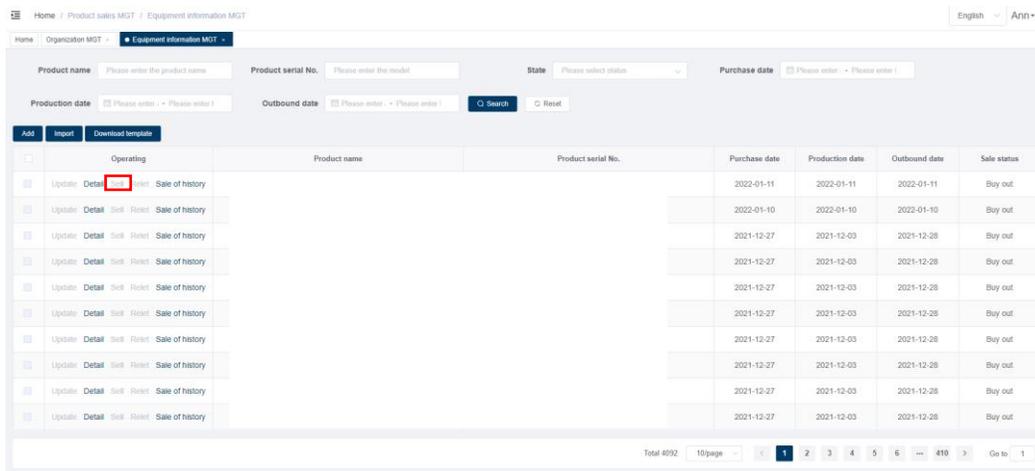


Figure 61: Sell Button

When selecting an agent, user will only need to click buy out or rent and fill in the corresponding time. After finishing, user can save the information.

When selecting a user in the customer organization, user will need to maintain the basic information before saving the information.

Copy equipment sales information ×

Basic information | Monitor information | Accessories information | Supplies information

Product name: WT自動體外去糖器 | Model: WT-0192 | Product type: AED_WT

Brand: Whaletq | Manufacturer: WT

Organization: 鯨魚科技 | * Equipment No.: | * Production date:

* Warranty date: | Distributor: | Factory report:
 Upload up to 5 documents

Sublet:

* Company name: 布拉博有限公司 | * Contact person: 李光平 | * Contact number: 990000999

Job title: | * Email: n/a | * The scheduled installation time:

* Installation address: 臺灣地區 / 臺灣 / 金門縣 / 金湖鎮

* Address: 壹順1號

* Location description: 1號水坑

Training program

❏	Training period	Trainer	Contact number	Email	Training location

Figure 62: Maintain the Basic Information

6.3.4 Sell

Home / Product sales MGT / Equipment information MGT English | Arh

Home | Organization MGT | **Equipment information MGT**

Product name: | Product serial No.: | State: | Purchase date:

Production date: | Outbound date:

❏	Operating	Product name	Product serial No.	Purchase date	Production date	Outbound date	Sale status
❏	Update Detail Relet Sale of history			2022-01-11	2022-01-11	2022-01-11	Buy out
❏	Update Detail Sell Relet Sale of history			2022-01-10	2022-01-10	2022-01-10	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out
❏	Update Detail Sell Relet Sale of history			2021-12-27	2021-12-03	2021-12-28	Buy out

Total 4092 | 10/page | 2 3 4 5 6 ... 410 > Go to 1

Figure 63: Relet Button

When the lease expired, user can click “Relet” to set the time again, but user cannot change the organization. If the lease of a piece of equipment expired and the user want to sell it to a different agent or user of the customer organization, the user will need to click “Sell” and fill in the information. In some cases, user can change the status of the equipment to buy out.

6.3.5 Sale of History

Click “Sale of History” to view the corresponding information.

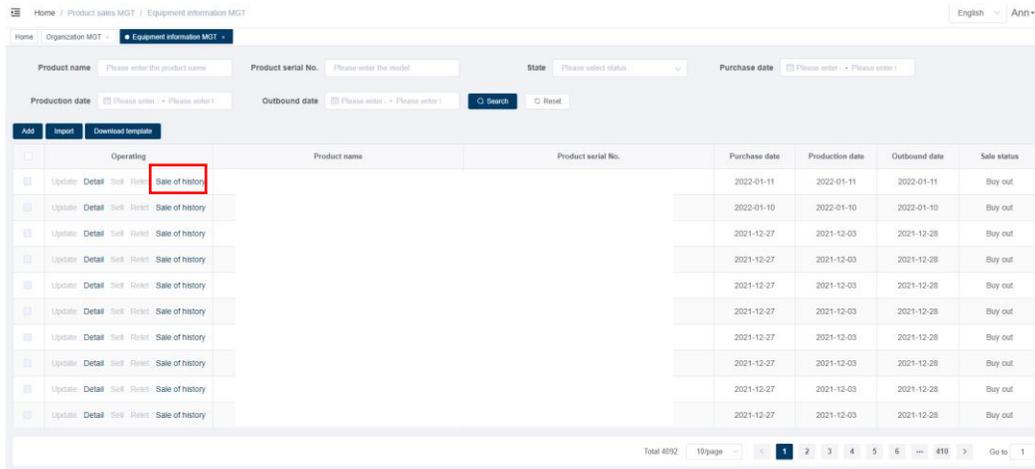


Figure 64: Sale of History Button

User can update or cancel the sale of history in the interface.

Before the equipment has been sold, user can click “Update” to edit the sale of history. However, user can only edit the status and time of the equipment, and cannot edit the agent or the user of the customer organization.

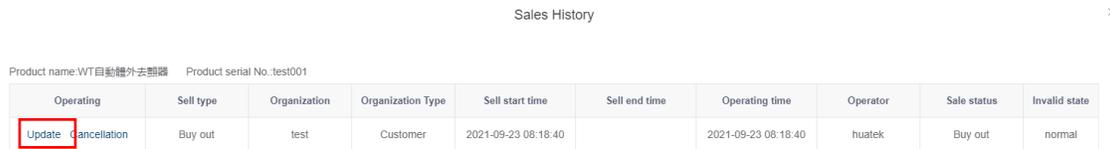


Figure 65: Update Button

Before the equipment has been sold, user can click “Cancellation” to delete the sale of history. After deleting, user can add new sell information of the equipment.

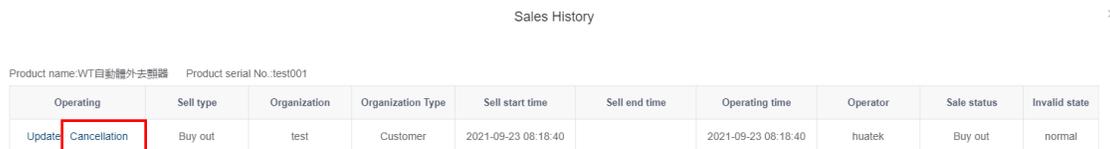


Figure 66: Cancellation Button

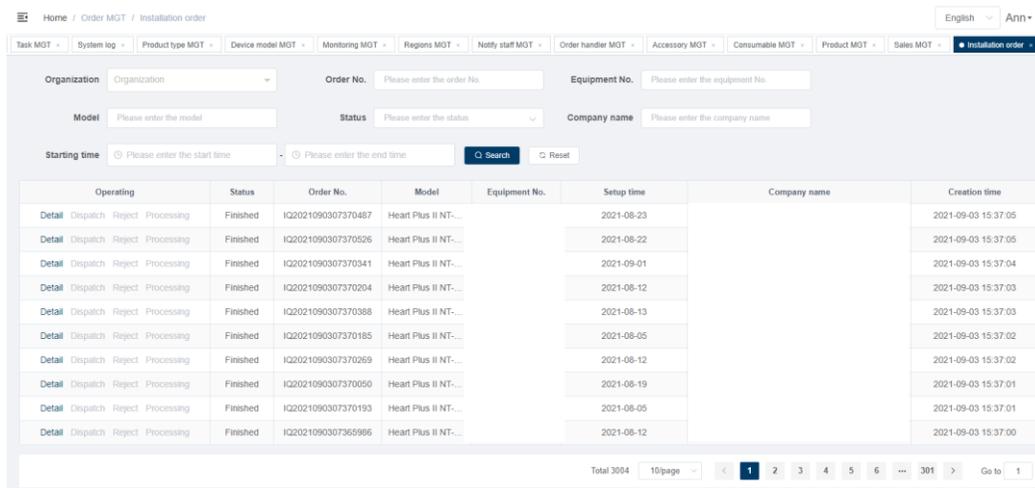
7. Order MGT

Order MGT is mainly for maintaining all types of order information, such as dispatch, delete, process, etc.

7.1 Installation Order

When User enables a piece of newly added equipment, the system will automatically generate an installation order. After receiving the installation order generation notification (email), the notify staff of the equipment can log in to the system and dispatch the order to the work order handler.

Click “Order MGT” -> “Installation Order” to enter the installation order interface.



The screenshot shows the 'Installation order' interface. At the top, there is a navigation bar with 'Home / Order MGT / Installation order' and a language dropdown set to 'English'. Below the navigation bar is a search and filter area with fields for Organization, Order No., Equipment No., Model, Status, and Company name. There are also 'Starting time' and 'Ending time' filters, a 'Search' button, and a 'Reset' button. The main area contains a table with the following columns: Operating, Status, Order No., Model, Equipment No., Setup time, Company name, and Creation time. The table lists 12 rows of data, all with a 'Finished' status. At the bottom, there is a pagination bar showing 'Total 3004', '10/page', and page numbers 1 through 6, with a 'Go to' field set to 1.

Operating	Status	Order No.	Model	Equipment No.	Setup time	Company name	Creation time
Detail Dispatch Reject Processing	Finished	IQ2021090307370487	Heart Plus II NT...		2021-08-23		2021-09-03 15:37:05
Detail Dispatch Reject Processing	Finished	IQ2021090307370526	Heart Plus II NT...		2021-08-22		2021-09-03 15:37:05
Detail Dispatch Reject Processing	Finished	IQ2021090307370341	Heart Plus II NT...		2021-09-01		2021-09-03 15:37:04
Detail Dispatch Reject Processing	Finished	IQ2021090307370204	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:03
Detail Dispatch Reject Processing	Finished	IQ2021090307370388	Heart Plus II NT...		2021-08-13		2021-09-03 15:37:03
Detail Dispatch Reject Processing	Finished	IQ2021090307370185	Heart Plus II NT...		2021-08-05		2021-09-03 15:37:02
Detail Dispatch Reject Processing	Finished	IQ2021090307370269	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:02
Detail Dispatch Reject Processing	Finished	IQ2021090307370050	Heart Plus II NT...		2021-08-19		2021-09-03 15:37:01
Detail Dispatch Reject Processing	Finished	IQ2021090307370193	Heart Plus II NT...		2021-08-05		2021-09-03 15:37:01
Detail Dispatch Reject Processing	Finished	IQ2021090307365986	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:00

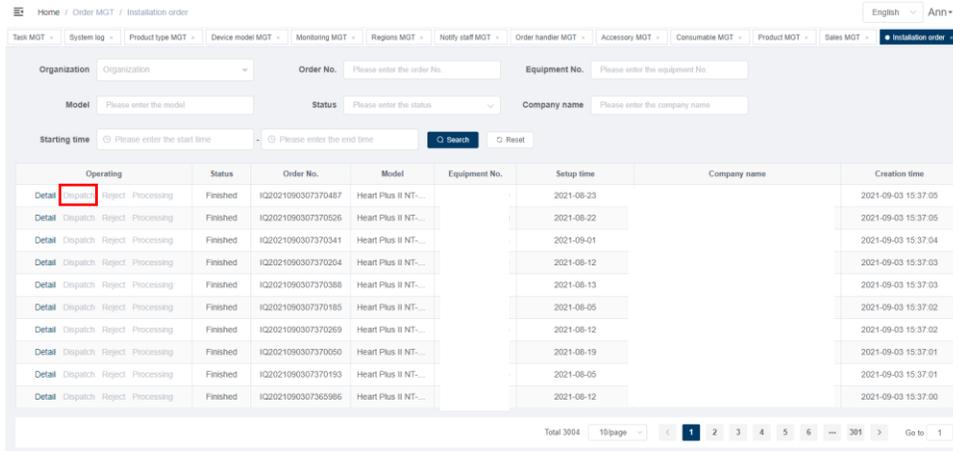
Figure 67: Installation Order Interface

7.1.1 Dispatch Installation Orders

After generating an installation order, the system automatically sends an email as a notification to the notify staff of the equipment, and the personnel can click “Dispatch” to assign the order to a work order handler (The system will list the order handler of the equipment on the screen for selections). After selecting the order handler, click “Confirm” and the order status will become pending. The order handler can then start dealing with the installation order.

Note:

- The order generated by the equipment will be dispatched by the notify staff of the equipment set in the sales MGT module.



Operating	Status	Order No.	Model	Equipment No.	Setup time	Company name	Creation time
Detail Dispatch Reject Processing	Finished	H2021090307370487	Heart Plus II NT...		2021-08-23		2021-09-03 15:37:05
Detail Dispatch Reject Processing	Finished	H2021090307370526	Heart Plus II NT...		2021-08-22		2021-09-03 15:37:05
Detail Dispatch Reject Processing	Finished	H2021090307370341	Heart Plus II NT...		2021-09-01		2021-09-03 15:37:04
Detail Dispatch Reject Processing	Finished	H2021090307370204	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:03
Detail Dispatch Reject Processing	Finished	H2021090307370388	Heart Plus II NT...		2021-08-13		2021-09-03 15:37:03
Detail Dispatch Reject Processing	Finished	H2021090307370185	Heart Plus II NT...		2021-08-05		2021-09-03 15:37:02
Detail Dispatch Reject Processing	Finished	H2021090307370269	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:02
Detail Dispatch Reject Processing	Finished	H2021090307370050	Heart Plus II NT...		2021-08-19		2021-09-03 15:37:01
Detail Dispatch Reject Processing	Finished	H2021090307370193	Heart Plus II NT...		2021-08-05		2021-09-03 15:37:01
Detail Dispatch Reject Processing	Finished	H2021090307365866	Heart Plus II NT...		2021-08-12		2021-09-03 15:37:00

Figure 68: Dispatch Button

7.1.2 Processing Installation Orders

After the installation order has been dispatched, the system automatically sends an email as a notification to the order handler of the equipment, and the personnel can see the pending orders. Click “Processing” to jump to the order processing page which will show the basic information of the equipment. The order handler will need to fill in the installation information on this page. After finishing, click “Confirm” to successfully deal with the order.

Note:

- When processing the installation order, the order handler will need to fill in the next equipment maintenance date. Then, the system will automatically generate a maintenance order according to the date.

7.1.3 Reject Installation Orders

If the order handler cannot deal with the installation order due to several reasons after the dispatch, the order handler needs to reject the order by clicking “Reject” and the notify staff needs to dispatch the order again after the rejection.

Note:

- Only pending orders can be rejected.

7.2 Alarm Order

When the equipment operation is abnormal (the monitoring value uploaded by the equipment reaches the yellow light or the red light range, and the monitor information is set to automatically generate the alarm order when complying with the lighting rules), the system will generate an alarm order and send an email as a notification to the notify staff of the equipment. After receiving the alarm order generation notification (email),

the notify staff of the equipment can log in to the system and dispatch the order to the order handler. With the use of DFS200 APP, when User is assigning the alarm orders, the system will recommend the best route according to the location of the equipment.

Click “Order MGT” -> “Alarm Order” to enter the alarm order interface.

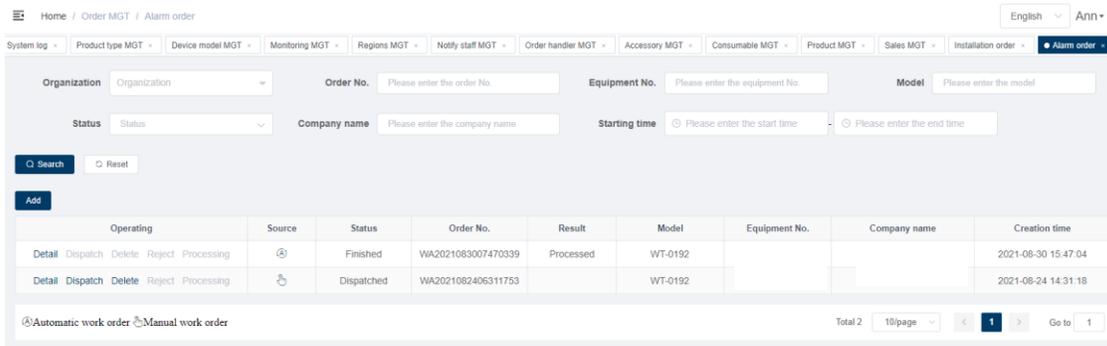


Figure 69: Alarm Order Interface

7.2.1 Dispatch Alarm Orders

After the notify staff logs in to the system, the personnel can click “Dispatch” to assign the order to an order handler (The system will list the order handler of the equipment on the screen for selections). After selecting the order handler, click “Confirm” and the order status will become pending. The order handler can then start dealing with the alarm order.

Note:

- The order generated by the equipment will be dispatched by the notify staff of the equipment set in the sales MGT module.

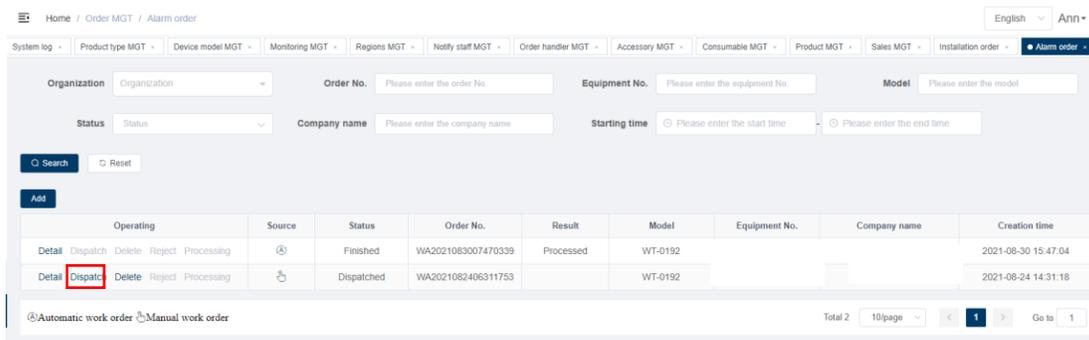


Figure 70: Dispatch Button

7.2.2 Processing Alarm Orders

After the alarm order has been dispatched, the system automatically sends an email as a notification to the order handler of the equipment, and the personnel can see the pending orders. Click “Processing” to jump to the order processing page which show the

basic information and the abnormal information of the equipment. The order handler will need to fill in the processing information on this page. After finishing, click “Confirm” to successfully deal with the order.

Note:

- When processing the alarm order, the system will automatically turn the order status into finished no matter the processing outcome of the order is set finished or unfinished.

7.2.3 Reject Alarm Orders

If the order handler cannot deal with the alarm order due to several reasons after the dispatch, the order handler needs to reject the order by clicking “Reject” and the notify staff needs to dispatch the order again after the rejection.

Note:

- Only pending orders can be rejected.

7.2.4 Add New Alarm Orders

In addition to automatic generation, User can manually add an alarm order by clicking “Add”. After selecting an equipment, click “Confirm”.

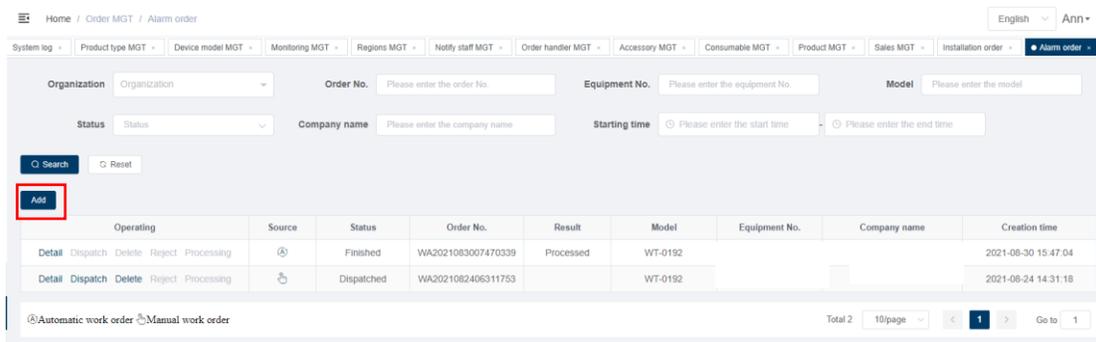


Figure 71: Add New Alarm Order Button

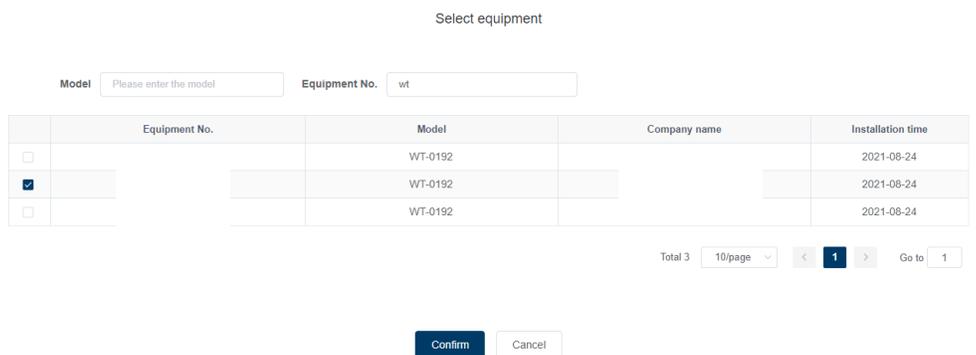


Figure 72: Select Equipment

Open the add new alarm work order page and select the operation item. After filling in the information, click “Confirm” to successfully add new alarm order.

New alarm work order ×

Product name WT自動離外去器	Model WT-0192	Product type AED_WT
Brand Whaleteq	Manufacturer WT	
Organization 鯨揚科技	Equipment No.	Production date 2021-01-01 08:00:00
Warranty date 2026-01-01 08:00:00	Distributor	
Company name 布拉格有限公司	Contact person 卡夫卡	Contact number 090000999
Job title	Email n/a	The scheduled i nstallation time
Installation add 臺灣地區 臺南 全門縣 全湖鎮	Address 全湖1號	Location descri ption

Operation item

Notes

Figure 73: Add New Alarm Work Order

Note:

- Operating items refer to the monitor items.
- Manually added orders can be deleted, but automatically generated orders cannot be deleted.

7.3 Maintenance Order

The maintenance orders are divided into two categories. The first category will be equipment maintenance. When the maintenance due date is coming (maintenance order generation date can be set in the parameter MGT module), the system will automatically generate a maintenance order and show it on the maintenance order interface. The system will send an email as a notification to the notify staff.

Another category will be replaced consumables. When the expiry date of the consumable is coming (maintenance order generation date can be set in the parameter MGT module), the system will automatically generate a maintenance order and show it on the maintenance order interface. The system will send an email as a notification to the notify staff.

Click “Order MGT” -> “Maintenance Order” to enter the maintenance order interface.

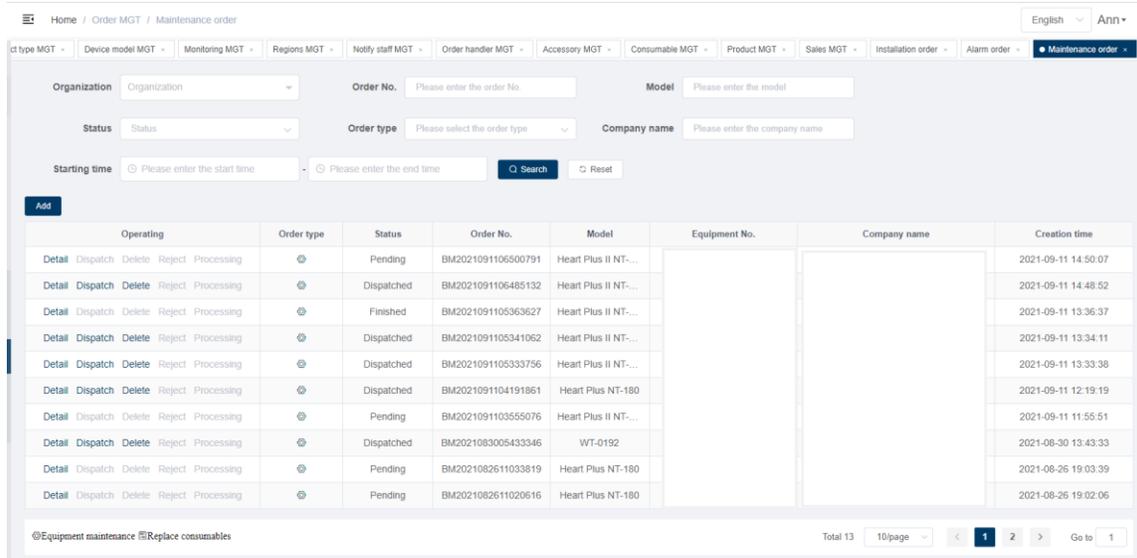


Figure 74: Maintenance Order Interface

7.3.1 Dispatch Maintenance Orders

After the notify staff logs in to the system, the personnel can click “Dispatch” to assign the order to an order handler (The system will list the order handler of the equipment on the screen for selections). After selecting the order handler, click “Confirm” and the order status will become pending. The order handler can then start dealing with the maintenance order.

Note:

- The order generated by the equipment will be dispatched by the notify staff of the equipment set in the sales MGT interface.

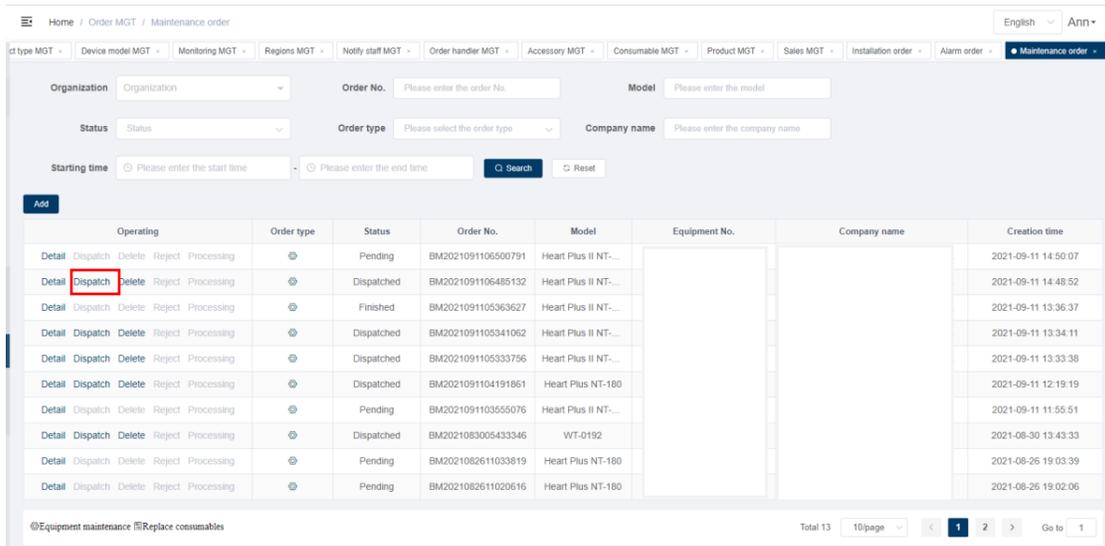


Figure 75: Dispatch Button

7.3.2 Processing Maintenance Orders

After the maintenance order has been dispatched, the system automatically sends an email as a notification to the order handler of the equipment, and the personnel can see the pending orders. Click “Processing” to deal with the order. If the maintenance order type is equipment maintenance, the system will automatically determine the equipment type: when the equipment is an AED, the specified AED maintenance order page will be opened; when the equipment is a non-AED, the general maintenance order page will be opened. If the maintenance order type is replace consumables, the maintenance order page of replacement consumables will be opened.

Click “Confirm” after filling in the maintenance information, and the order will be finished processing.

Note:

- When processing the maintenance order, the system will automatically turn the order status into finished no matter the processing outcome of the order is set finished or unfinished.
- After processing, the system will automatically calculate the next maintenance date.
- The system automatically calculates the consumable expiry date when processing the order. However, the system allows User to manually edit the consumable expiry date, but the date cannot be set later than the calculated date.

7.3.3 Reject Maintenance Orders

If the order handler cannot deal with the maintenance order due to several reasons after the dispatch, the order handler needs to reject the order by clicking “Reject” and the notify staff needs to dispatch the order again after the rejection.

Note:

- Only pending orders can be rejected.

7.3.4 Add New Maintenance Orders

According to personal needs, User can manually add a maintenance order by clicking “Add”. After selecting an equipment, click “Confirm”.

Operating	Order type	Status	Order No.	Model	Equipment No.	Company name	Creation time
Detail Dispatch Delete Reject Processing	⊕	Pending	BM2021091106500791	Heart Plus II NT...			2021-09-11 14:50:07
Detail Dispatch Delete Reject Processing	⊕	Dispatched	BM2021091106485132	Heart Plus II NT...			2021-09-11 14:48:52
Detail Dispatch Delete Reject Processing	⊕	Finished	BM2021091105363627	Heart Plus II NT...			2021-09-11 13:36:37
Detail Dispatch Delete Reject Processing	⊕	Dispatched	BM2021091105341062	Heart Plus II NT...			2021-09-11 13:34:11
Detail Dispatch Delete Reject Processing	⊕	Dispatched	BM2021091105333756	Heart Plus II NT...			2021-09-11 13:33:38
Detail Dispatch Delete Reject Processing	⊕	Dispatched	BM2021091104191861	Heart Plus NT-180			2021-09-11 12:19:19
Detail Dispatch Delete Reject Processing	⊕	Pending	BM2021091103555076	Heart Plus II NT...			2021-09-11 11:55:51
Detail Dispatch Delete Reject Processing	⊕	Dispatched	BM2021083005433346	WT-0192			2021-08-30 13:43:33
Detail Dispatch Delete Reject Processing	⊕	Pending	BM2021082611033819	Heart Plus NT-180			2021-08-26 19:03:39
Detail Dispatch Delete Reject Processing	⊕	Pending	BM2021082611020616	Heart Plus NT-180			2021-08-26 19:02:06

Figure 76: Add New Maintenance Order Button

Select equipment

Brand: Please enter the brand Model: Please enter the model Equipment No.: wt

	Organization	Brand	Equipment No.	Model	Product type	Company name	Production date	Manufacturer	Installation time	Installation address
<input type="checkbox"/>	鯨揚科技	Whaleteq		WT-0192	AED_WT		2021-01-01 0...	WT	2021-08-24 2...	臺灣地區 臺灣 臺...
<input checked="" type="checkbox"/>	鯨揚科技	Whaleteq		WT-0192	AED_WT		2021-01-01 0...	WT	2021-08-24 0...	臺灣地區 臺灣 金...
<input type="checkbox"/>	鯨揚科技	Whaleteq		WT-0192	AED_WT		2021-01-01 0...	WT	2021-08-24 2...	臺灣地區 臺灣 澎...

Total 3 10/page Go to

Figure 77: Select Equipment

In the new maintenance order page, select the processing item and fill in the information. Click “Confirm” to successfully add a maintenance order.

New maintenance order ×

* Processing item: Equipment maintenance

Organization: Brand: Product type:

Equipment No.: Model: Manufacturer:

Production Date: Warranty date: Last maintenance time:

Company name: Contact person: Contact number:

Job title: Email: Installation address:

Address: Location description:

Remark:

Figure 78: Add New Equipment Maintenance Order

New maintenance order ×

* Processing item: Replace consumables Replacement item: Replacement item

Organization: Brand: Product type:

Equipment No.: Model: Manufacturer:

Production Date: Warranty date: Last maintenance time:

Company name: Contact person: Contact number:

Job title: Email: Installation address:

Address: Location description:

Remark:

Figure 79: Add New Replace Consumables Maintenance Order

Note:

- Manually added orders can be deleted before dispatching.
- The manually added orders require the notify staff to dispatch.

7.4 Training Order

After filling in the training program in the sales MGT interface, the system will automatically generate a training order according to the set time (training order generation date can be set in the parameter MGT module).

Click “Order MGT” -> “Training Order” to enter the training order interface.

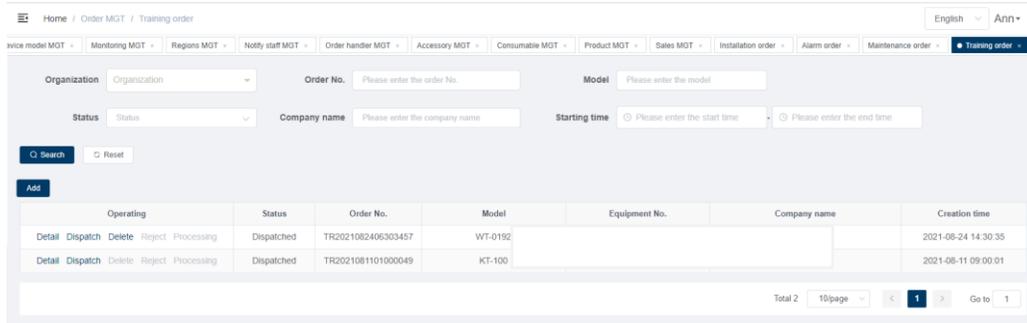


Figure 80: Training Order Interface

7.4.1 Dispatch Training Orders

After generating a training order, the system automatically sends an email as a notification to the notify staff of the equipment, and the personnel can click “Dispatch” to assign the order to an order handler (The system will list the order handler of the equipment on the screen for selections). After selecting the order handler, click “Confirm” and the order status will become pending. The order handler can then start dealing with the training order.

Note:

The order generated by the equipment will be dispatched by the notify staff of the equipment set in the sales MGT interface.

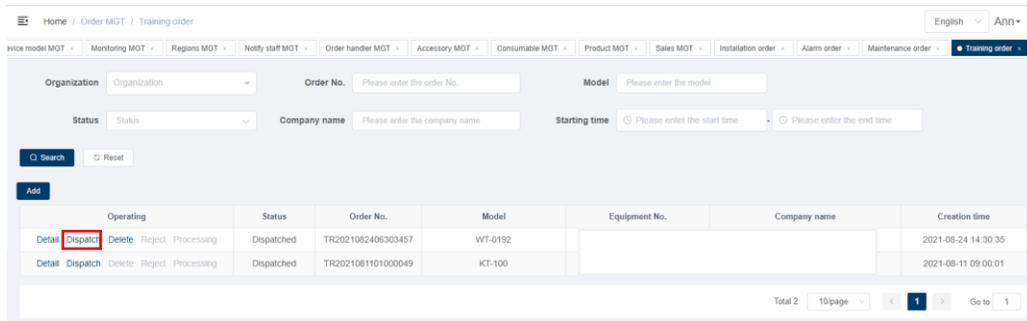


Figure 81: Dispatch Button

7.4.2 Processing Training Orders

After the training order has been dispatched, the system automatically sends an email as a notification to the order handler of the equipment, and the personnel can see the pending orders. Click “Processing” to jump to the order processing page, which shows the basic information of the equipment. The order handler will need to fill in the processing information. After finishing, click “Confirm” to successfully deal with the order.

Note:

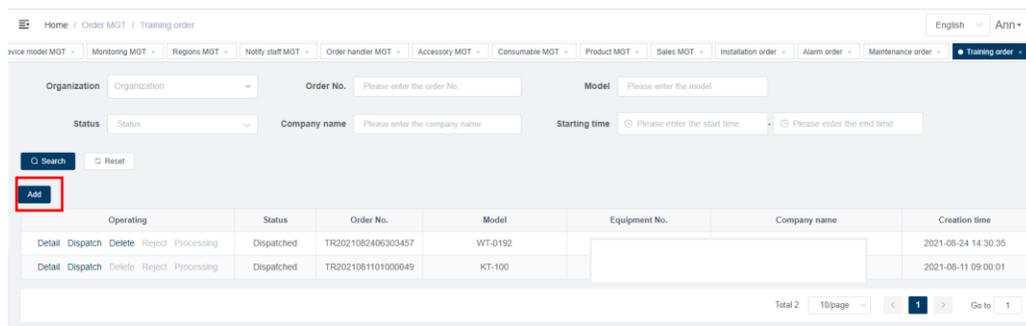
- When processing the training order, the system will automatically turn the order status into finished no matter the processing outcome of the order is set finished or unfinished.

7.4.3 Reject Training Orders

If the order handler cannot deal with the training order due to several reasons after the dispatch, the order handler needs to reject the order by clicking “Reject” and the notify staff needs to dispatch the order again after the rejection.

7.4.4 Add New Training Orders

In addition to automatic generation, User can manually add an alarm order by clicking “Add”. After selecting an equipment, click “Confirm”.



Operating	Status	Order No.	Model	Equipment No.	Company name	Creation time
Detail Dispatch Delete Reject Processing	Dispatched	TR2021082406303457	WT-0192			2021-08-24 14:30:35
Detail Dispatch Delete Reject Processing	Dispatched	TR2021081101000049	KT-100			2021-08-11 09:00:01

Figure 82: Add New Training Order Button

×

Select equipment

Model Equipment No.

	Equipment No.	Model	Company name	Installation time
<input type="checkbox"/>		WT-0192		2021-08-24
<input checked="" type="checkbox"/>		WT-0192		2021-08-24
<input type="checkbox"/>		WT-0192		2021-08-24

Total 3 < **1** > Go to

Confirm
Cancel

Figure 83: Select Equipment

Open the add new training work order page and fill in the information. Click “Confirm” to successfully add new training order.

×

New training work order

Product name WT自動體外式器	Model WT-0192	Product type AED_WT
Brand Whaletq	Manufacturer WT	
Organization 聯邦科技	Equipment No. WT-C21-000001	Production date 2021-01-01 08:00:00
Warranty date 2026-01-01 08:00:00		
Company name 巴羅羅納有限公司	Contact person 達利	Contact number 0900009999
Job title	Email n/a	The scheduled installation time 2021-08-24 08:00:00
Installation address 臺灣地區 臺南 安南區 七美鄉 七美路	Address 七美1街	Location description 2號門牌

Training program

Training period	Trainer	Contact number	Email	Training Location
No Data				

Trainer Email Contact number

Training period Training Location

Notes

Figure 84: Notes

Note:

- Manually added orders can be deleted before dispatching.

7.5 Other Order

Other items that need to be dealt with by the order handlers can be dispatched by adding other orders.

Click “Order MGT” -> “Other Order” to enter the other order interface.

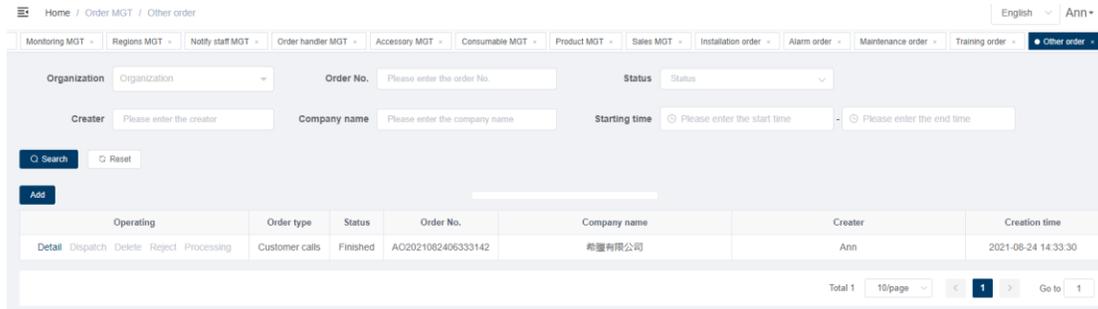


Figure 85: Other Order Interface

7.5.1 Add New Other Orders

Click “Add” on the top and select an equipment. After selecting, click “Confirm”.

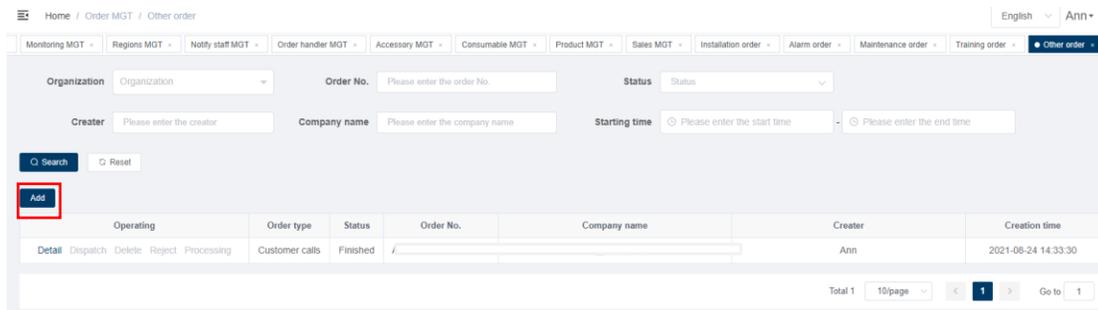


Figure 86: Add New Other Order Button

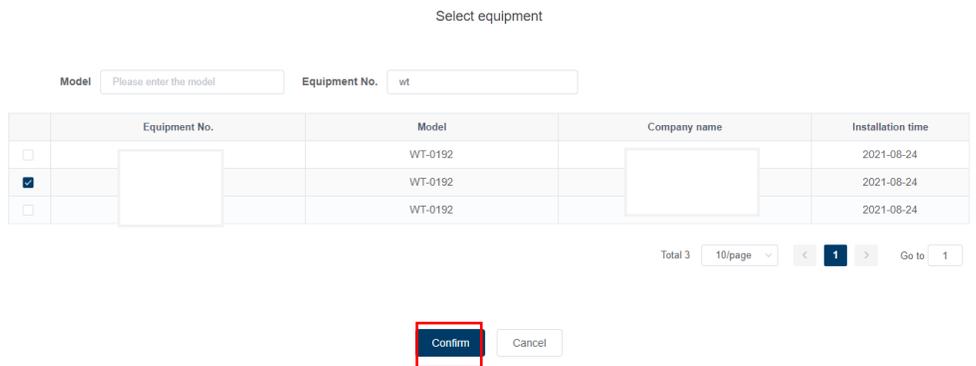


Figure 87: Select Equipment

Fill in the document name and operation items. After clicking “Confirm”, a new other order will be added.

Add another document ×

* Document name <input type="text" value="Document name"/>		
Product name WT自動體外去脂器	Model WT-0192	Product type AED_WT
Brand Whaleteq	Manufacturer WT	
Organization 勝格科技	Equipment No. <input type="text"/>	Production date 2021-01-01
Warranty date 2026-01-01	Distributor	
Company name 希拉特有限公司	Contact person 卡夫卡	Contact number 0900000999
Job title	Email n/a	The scheduled installation time 2021-06-24 08:00:00
Installation address 臺灣地區 臺灣 金門縣 金湖 鎮		
Address 金湖1號		
Location description 1號水坑		
* Operation item <input type="text" value="Please select an oper"/>	Notes <input type="text" value="Please enter a note description"/>	

Figure 88: Add Another Document Page

Note:

- Pending orders can be deleted.

7.5.2 Dispatch Other Orders

After generating a new other order, the system automatically sends an email as a notification to the notify staff of the equipment, and the personnel can click “Dispatch” to assign the order to an order handler (The system will list the order handler of the equipment on the screen for selections). After selecting the order handler, click “Confirm” and the order status will become pending. The order handler can then start dealing with the other order.

7.5.3 Processing Other Orders

After the other order has been dispatched, the system automatically sends an email as a notification to the order handler of the equipment, and the personnel can see the pending orders. Click “Processing” to jump to the order processing page, which shows the basic information of the equipment. The order handler can fill in the processing information. After finishing, click “Confirm” to successfully deal with the order.

7.5.4 Reject Other Orders

If the order handler cannot deal with the other order due to several reasons after the dispatch, the order handler needs to reject the order by clicking “Reject” and the notify staff needs to dispatch the order again after the rejection.

8. Monitoring

Monitoring module is mainly for maintaining Equipment status related information.

8.1 Equipment Status

Equipment status module displays the current operation information of the equipment. The system will automatically change the operating status according to the monitoring value updated by the APP.

Click “Monitoring” -> “Equipment Status” to enter the equipment status interface.

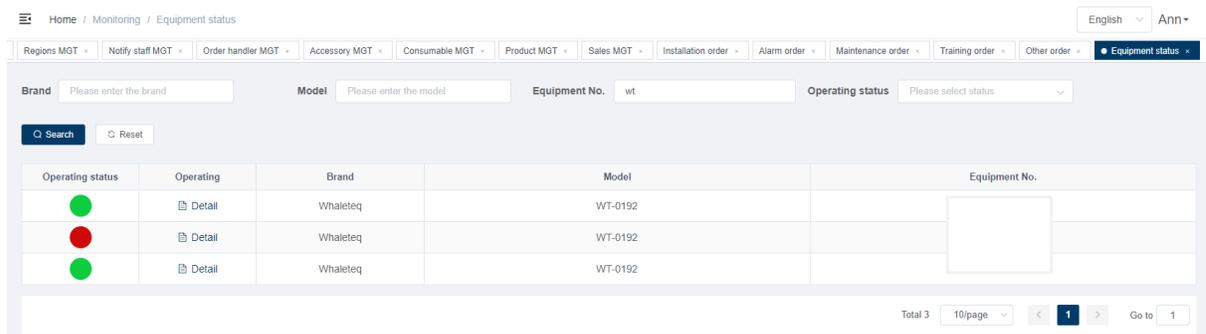


Figure 89: Equipment Status Interface

Click “Detail” to view the detailed monitoring value information.

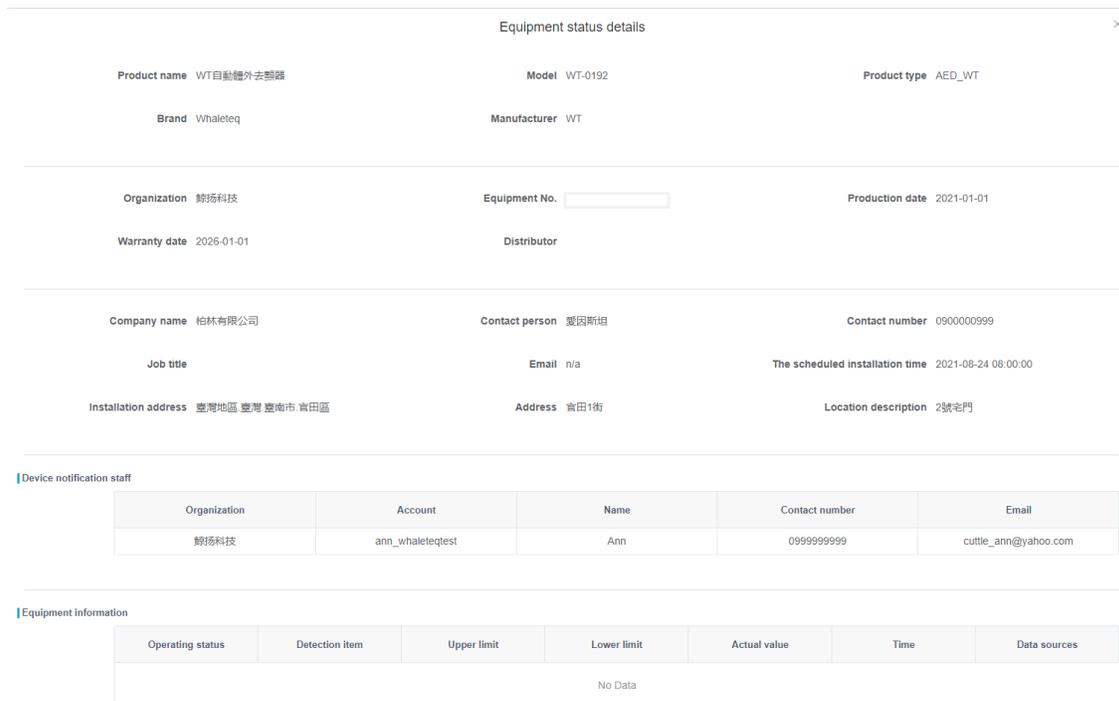


Figure 90: Equipment Status Details

Note:

- Before the equipment updates the first monitoring value, the operating status will remain green light. After updating the value, the system will change the light to red, yellow, or green according to the value.

8.2 Equipment Data MGT

User can view the historical monitoring data in the equipment data MGT module.

Click “Monitoring” -> “Equipment Data MGT” to enter the equipment data MGT interface.

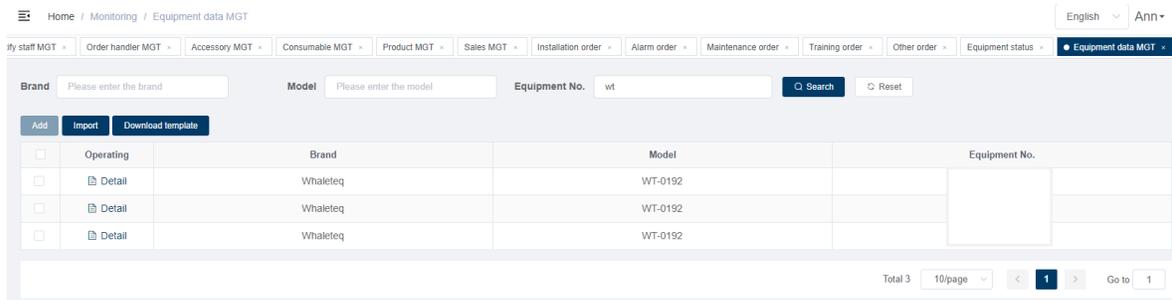


Figure 91: Equipment Data MGT Interface

8.2.1 Equipment Data Details

Click “Detail” in the operating row to view the historical monitoring data.

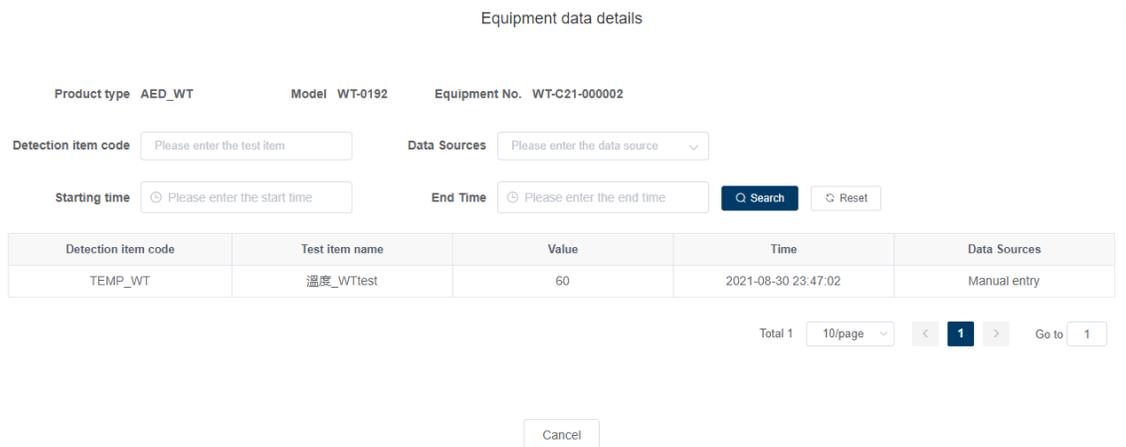


Figure 92: Equipment Data Details

8.2.2 Add New Monitoring Data

For the equipment which cannot automatically update the monitoring value, User can manually add it to the system.

Select a piece of equipment and click “Add” in the equipment data MGT interface.

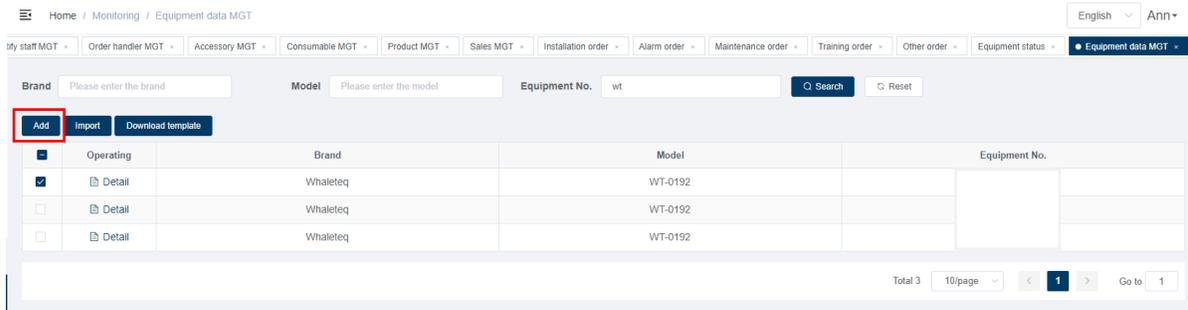


Figure 93: Add New Monitoring Data Button

Click “Select test item” and choose a desired monitoring item.

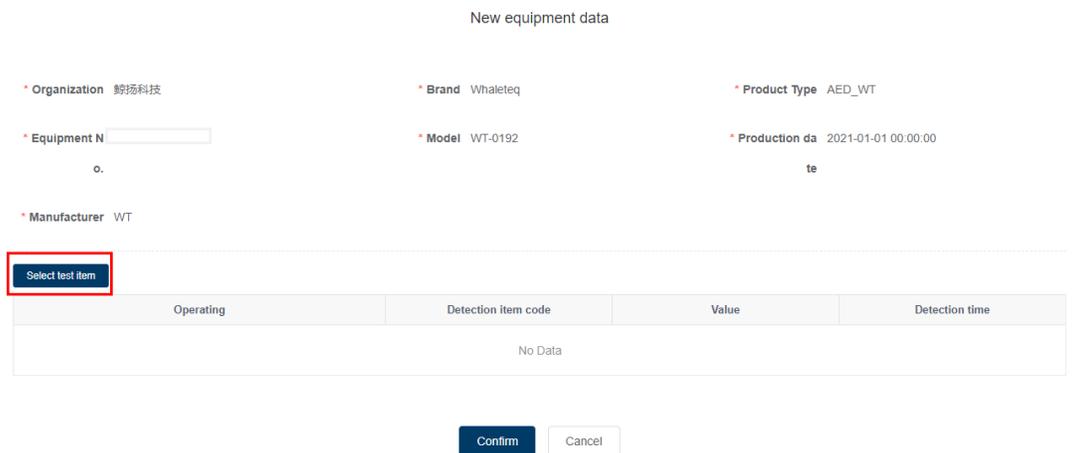


Figure 94: Select Test Item Button

After filling in the value and detection time, click “Confirm” to successfully add the information.

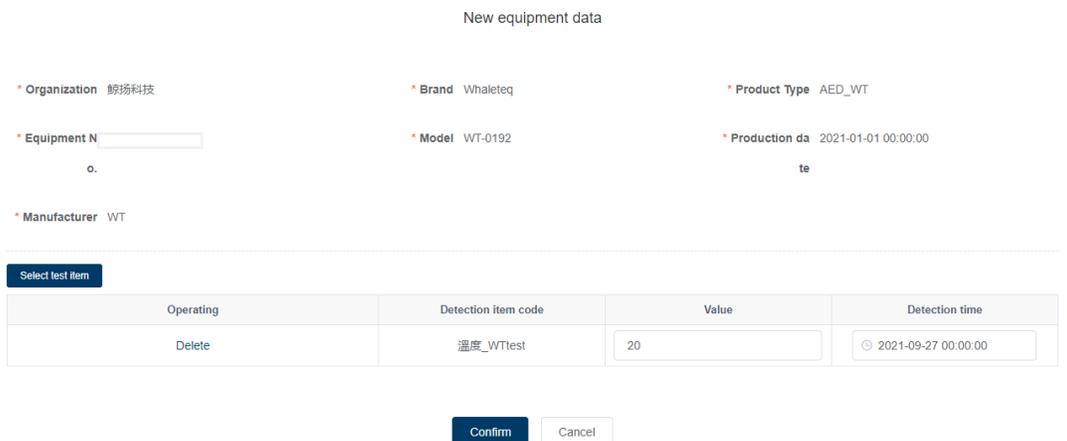


Figure 95: Add New Equipment Data Page

8.2.3 Download Template/Import

Click “Download template” to download the template from the system. Fill in the equipment information and the detection value in the template. Click “Import” to successfully import product information.

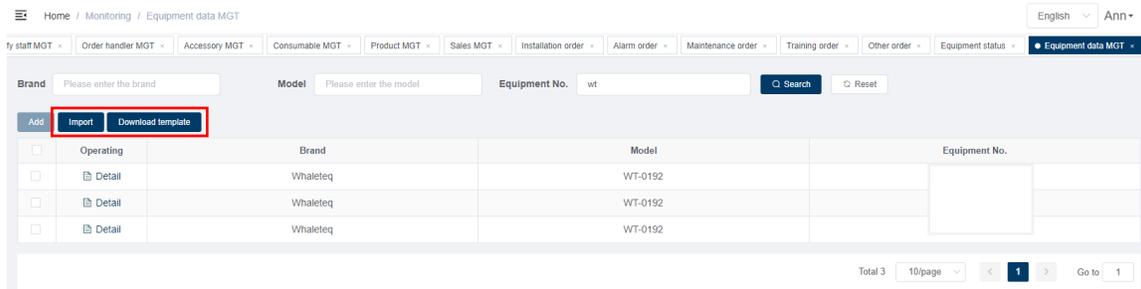


Figure 96: Download Template/Import Buttons

8.3 Monitoring Record

This module shows all manually added monitoring data.

Click “Monitoring” -> “Monitoring Record” to enter the monitoring record interface.

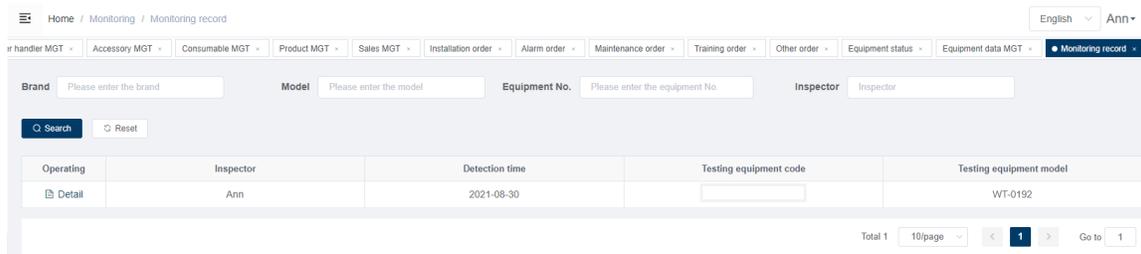


Figure 97: Monitoring Record Interface

Click “Detail” to view the inspection record details.

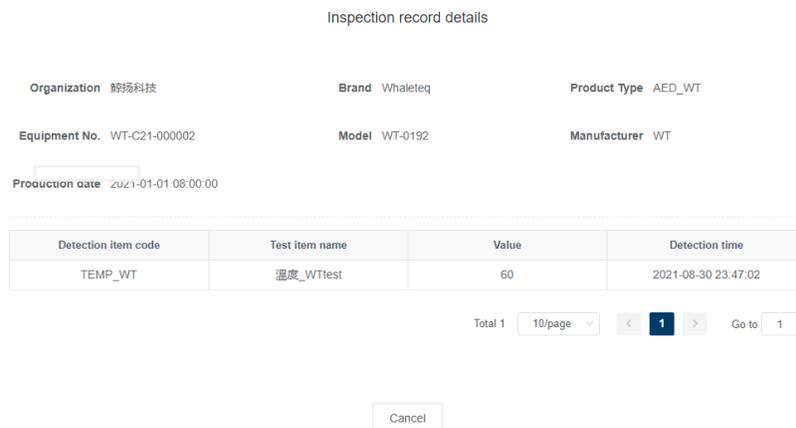


Figure 98: Inspection Record Details

9. Statistical Analysis

Statistical analysis module is mainly for displaying product after-sales information.

9.1 Sales Analysis

The system automatically calculates the amount of equipment that has been sold and shows the statistics in the sales analysis module.

Click “Statistical Analysis” -> “Sales Analysis” to enter the sales analysis interface.

Operating	Agent	Sales volume	Product type	Brand	Model	Product name
Detail	鯨海科技	3	AED_WT	Whaleteq	WT-0192	WT自動體外去脈器
Detail	鯨海科技	4	AED_WL	Whaleins	AED-2729	WL自動體外去脈器
Detail						
Detail						
Detail						
Detail	Demo/測試	1	AED_Demo/Test	AED_Demo	NT-AED_Demo	自動體外除脈器_Demo
Detail	南京_test	3	AED_NJ	China_AED_test	NJ001_test	自動體外除脈器_NJ
Detail	KPMG	1	AED_kpimglest	kpimglest	KT-100	自動體外心臟去脈器
Detail	KPMG	1	AED_kpimglest	kpimglest	KT-200	手持型自動體外心臟去脈器

Figure 99: Sales Analysis Interface

Click “Detail” to open the sales details page which includes the information of equipment number and the company.

Click “Equipment No.” to view the basic information, monitoring information, accessories information, supplies information, and historical order information.

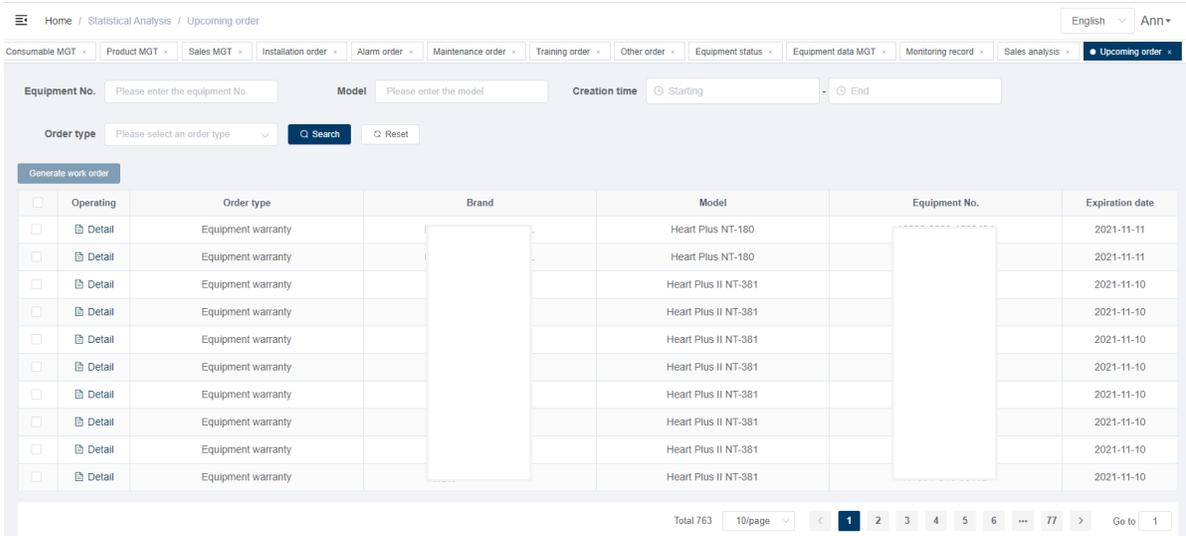
Equipment No.	Installation time	Company name	Contact person	Contact number
↑	2021-08-24 22:28:47	柏林有限公司	愛因斯坦	090000999
↑	2021-08-24 08:00:00	布拉格有限公司	卡夫卡	090000999
↑	2021-08-24 22:27:41	巴塞隆納有限公司	達利	090000999

Figure 100: Sales Details

9.2 Upcoming Order

The system will generate the alert statistics of the orders in which their next equipment maintenance date, consumables replacement date, and equipment warranty date are less than the set time from the current date. The alert statistics will show in the upcoming order interface.

Click “Statistical Analysis” -> “Upcoming Order” to enter the upcoming order interface.



The screenshot shows the 'Upcoming order' interface. At the top, there are navigation tabs for various management functions, with 'Upcoming order' selected. Below the navigation, there are search filters for 'Equipment No.', 'Model', and 'Creation time'. A 'Generate work order' button is present. The main area contains a table with the following columns: Operating, Order type, Brand, Model, Equipment No., and Expiration date. The table lists several 'Equipment warranty' entries for models 'Heart Plus NT-180' and 'Heart Plus II NT-381'. The expiration dates are 2021-11-11 for the first two rows and 2021-11-10 for the remaining rows. A pagination bar at the bottom indicates 'Total 763' items and shows page 1 of 10.

Figure 101: Upcoming Order Interface

If the order type is the equipment warranty, then the expiration date will be the equipment warranty due date.

If the order type is equipment service, then the expiration date will be the next equipment maintenance date.

If the order type is consumables replacement, then the expiration date will be the consumables replacement date.

9.2.1 View Details

Click “Detail” to open the details of upcoming order page which will show the basic information, monitoring information, accessories information, supplies information, and historical order of the equipment.

Details of upcoming order ×

Basic information
Monitor information
Accessories information
Supplies information
Historical order

Product name: Model: Heart Plus NT-160 Product type: AED_Klux

Brand: Nanoom Tech CO., LTD. Manufacturer: Nanoom Tech

Organization: Equipment No.: Production date: 2015-07-10

Warranty date: 2021-11-11 Distributor: Factory report:

Sublet:

Company name: Contact person: N/A Contact number: 01-1111-1111

Job title: Email: The scheduled installation time: 2015-11-11 00:00:00

Next maintenance time(Start): 2022-09-06 00:00:00

Installation address:

Address:

Location description:

Training program

Training period	Trainer	Contact number	Email	Training location
No Data				

Figure 102: Details of Upcoming Order

9.2.2 Generate Work Order

Select a piece of equipment and click “Generate Work Order”, the system will automatically generate a maintenance order and show it in the maintenance order interface.

Home / Statistical Analysis / Upcoming order English Ann

Consumable MGT - Product MGT - Sales MGT - Installation order - Alarm order - Maintenance order - Training order - Other order - Equipment status - Equipment data MGT - Monitoring record - Sales analysis - **Upcoming order**

Equipment No. Model Creation time -

Order type

Generate work order

<input type="checkbox"/>	Operating	Order type	Brand	Model	Equipment No.	Expiration date
<input checked="" type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus NT-160		2021-11-11
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus NT-160		2021-11-11
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10
<input type="checkbox"/>	<input type="button" value="Detail"/>	Equipment warranty		Heart Plus II NT-381		2021-11-10

Total 763 ...

Figure 103: Generate Work Order Button

9.3 Statistics AED

Statistics AED module displays the equipment number, company name, location, machine state, project, due date, and regular date of the piece of equipment.

Equipment No.	Company name	Location	Machine state	Project	Due date	Regular time
	123		Red Light			2022-01-12 00:00:00
	客戶1		Green Light			2023-01-10 00:00:00
	聯峰區公所		Green Light	電極貼片	2024-01-31 23:59:59	2022-12-27 00:00:00
配件包				2099-12-31 15:59:59		
電池工作盒				2026-09-30 23:59:59		
	沙崙國中		Green Light	電極貼片	2024-01-31 23:59:59	2023-01-04 00:00:00
配件包				2099-12-31 15:59:59		
電池工作盒				2026-09-30 23:59:59		
	口埤實小		Green Light	電極貼片	2024-01-31 23:59:59	2023-01-04 00:00:00
配件包				2099-12-31 15:59:59		

Install Number : 4075 Platform Normal Number : 4067 Platform Abnormal Number : 8 Platform
Total 10086

Figure 104: Statistics AED Module

Machine state displays the status of the AEDs that is installed and enabled. There are two kinds of state: green light and red light. Red light represents the equipment which the inspection time or the consumable has expired, while green light is those which don't.

Equipment No.	Company name	Location	Machine state	Project	Due date	Regular time
	123		Red Light			2022-01-12 00:00:00
	客戶1		Green Light			2023-01-10 00:00:00
	聯峰區公所		Green Light	電極貼片	2024-01-31 23:59:59	2022-12-27 00:00:00
配件包				2099-12-31 15:59:59		
電池工作盒				2026-09-30 23:59:59		
	沙崙國中		Green Light	電極貼片	2024-01-31 23:59:59	2023-01-04 00:00:00
配件包				2099-12-31 15:59:59		
電池工作盒				2026-09-30 23:59:59		
	口埤實小		Green Light	電極貼片	2024-01-31 23:59:59	2023-01-04 00:00:00
配件包				2099-12-31 15:59:59		

Install Number : 4075 Platform Normal Number : 4067 Platform Abnormal Number : 8 Platform
Total 10086

Figure 105: statistical information

Rules:

1. Install number: the amount of equipment that has been installed and enabled.
2. Platform normal number: the amount of equipment that is displayed in green light.
3. Platform abnormal number: the amount of equipment that is displayed in red light.

9.3.1 Send Mail

Select a piece of equipment and click “Send Mail”. Fill in the email address and click “Send”, an attachment (pdf and excel) will be sent.

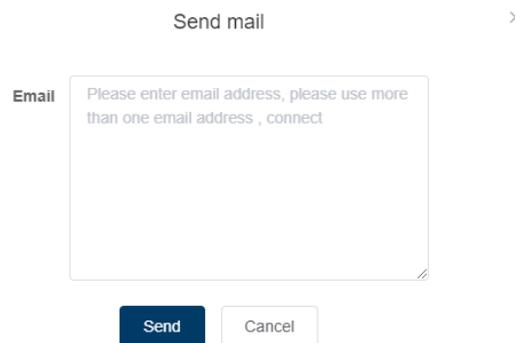


Figure 106: Send Mail

9.3.2 Number of days between

User can set the time interval for automatically sending emails. If it is not set, it can send emails to the inspection report recipients according to the default time interval (the default time is set in the system parameters).

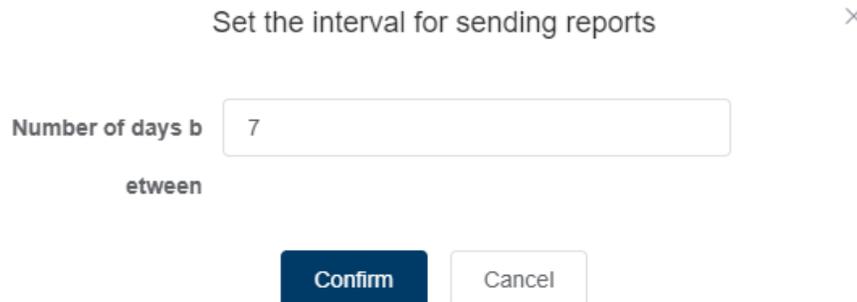


Figure 107: Set the Interval for Sending Reports

Click “Number of days between”, and fill in the number. After finishing, click “Confirm” and the system will automatically send the email with the attachment (pdf and excel).

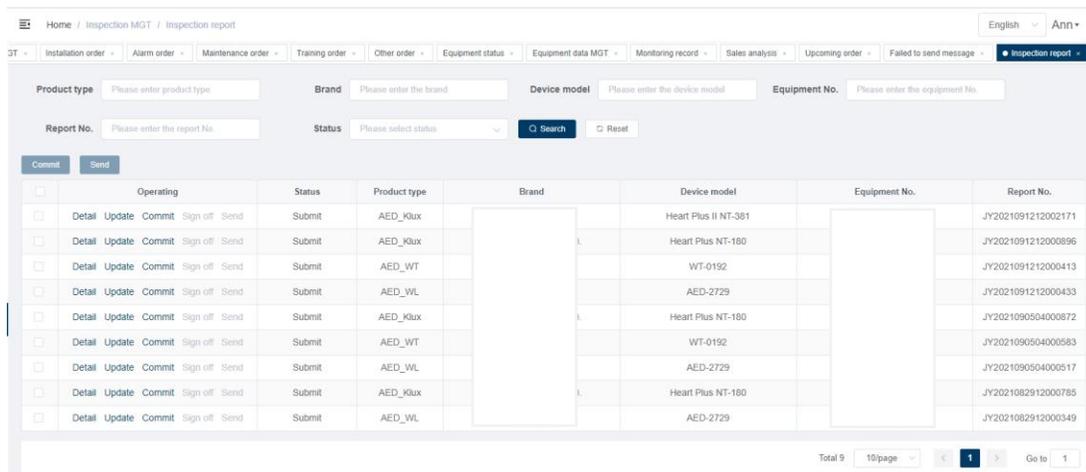
10. Inspection MGT

Inspection MGT module is mainly for processing inspection report related information, such as sign off, update, commit, etc.

10.1 Inspection Report

The inspection report will show the alarm orders, maintenance orders, and other orders that have been processed in a specific period of time. The system will automatically generate the inspection report and show it on the inspection report interface. User can update, commit, sign off and send the inspection report.

Click “Inspection MGT” -> “Inspection Report” to enter the inspection report interface.



The screenshot shows the 'Inspection report' interface. At the top, there is a navigation bar with 'Home / Inspection MGT / Inspection report' and language options. Below this is a breadcrumb trail and a menu with 'Inspection report' selected. The main area contains a search form with fields for 'Product type', 'Brand', 'Device model', 'Equipment No.', and 'Report No.', along with a 'Status' dropdown and 'Search' and 'Reset' buttons. Below the search form are 'Commit' and 'Send' buttons. The main content is a table with columns: Operating, Status, Product type, Brand, Device model, Equipment No., and Report No. The table contains 9 rows of data. At the bottom right, there is a pagination control showing 'Total 9', '10/page', and 'Go to 1'.

Operating	Status	Product type	Brand	Device model	Equipment No.	Report No.
Detail Update Commit Sign off Send	Submit	AED_Klux		Heart Plus II NT-381		JY2021091212002171
Detail Update Commit Sign off Send	Submit	AED_Klux		Heart Plus NT-180		JY2021091212000896
Detail Update Commit Sign off Send	Submit	AED_WT		WT-0192		JY2021091212000413
Detail Update Commit Sign off Send	Submit	AED_WL		AED-2729		JY2021091212000433
Detail Update Commit Sign off Send	Submit	AED_Klux		Heart Plus NT-180		JY2021090504000872
Detail Update Commit Sign off Send	Submit	AED_WT		WT-0192		JY2021090504000583
Detail Update Commit Sign off Send	Submit	AED_WL		AED-2729		JY2021090504000517
Detail Update Commit Sign off Send	Submit	AED_Klux		Heart Plus NT-180		JY2021082912000785
Detail Update Commit Sign off Send	Submit	AED_WL		AED-2729		JY2021082912000349

Figure 108: Inspection Report Interface

10.1.1 Update Inspection Reports

User can update the inspection report which hasn't been committed. Click “Update” to open the inspection report modification page. User can view the details and delete the test content.

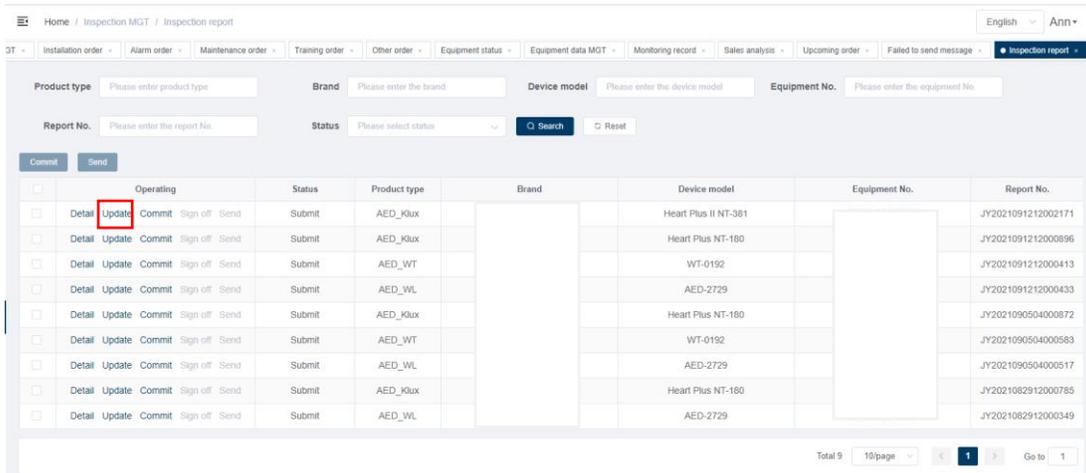


Figure 109: Update Inspection Report Button

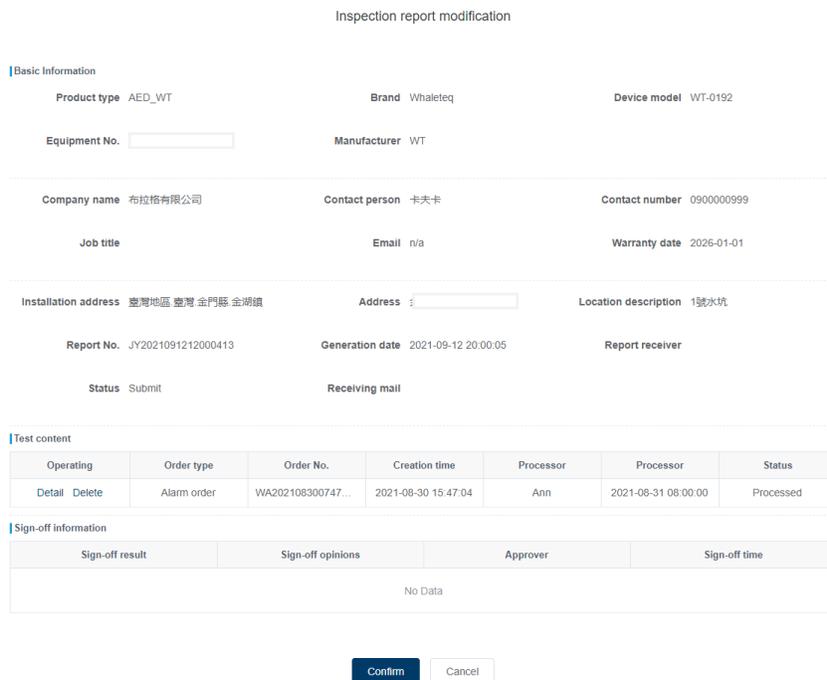


Figure 110: Inspection Report Modification Page

10.1.2 Commit Inspection Reports

Click “Commit” and the inspection report status will turn into pending.

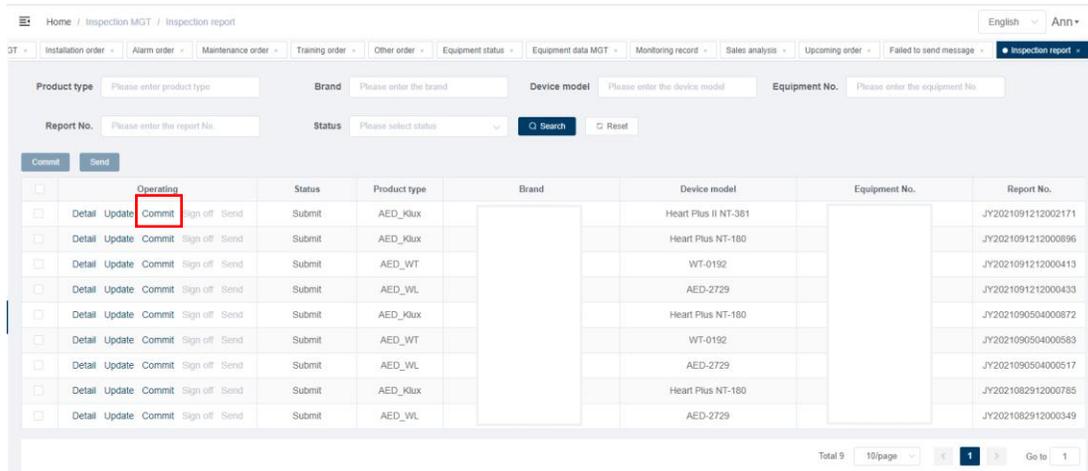


Figure 111: Commit Inspection Report Button

10.1.3 Sign Off Inspection Reports

Click “Sign Off” to open the sign-off page. User can view the test content of the equipment. If the inspection report has been approved, the inspection report status will turn into to be transmitted; if the inspection report has been rejected, the user needs to fill in the reason and the inspection report status will turn into rejected. The user who committed the report will need to update and commit the inspection report again.

10.1.4 Send Inspection Reports

After the inspection report has been approved, the inspection report status will turn into to be transmitted. Click “Send”, and the system will send the inspection report to the inspection report receiver of the equipment which is set in the sales MGT interface.

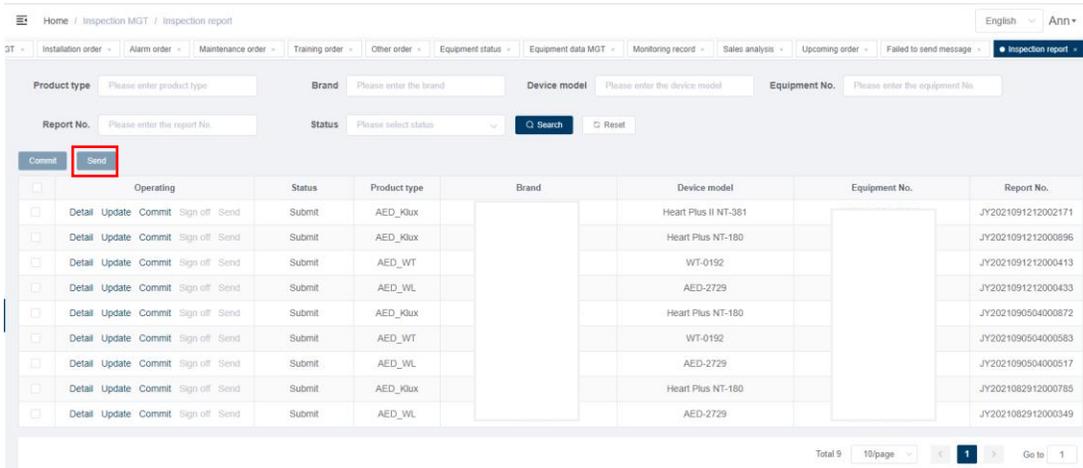


Figure 112: Send Inspection Report Button

The receiver can view the basic information of the equipment. Download the attached files in the email, User can view the orders of the equipment.

11. My Message

My message module displays the new messages in the system.

11.1 New Message

New message interface shows the status, type, number, and creation time of the orders.

Click “My Message” -> “New Message” to enter the new message interface.

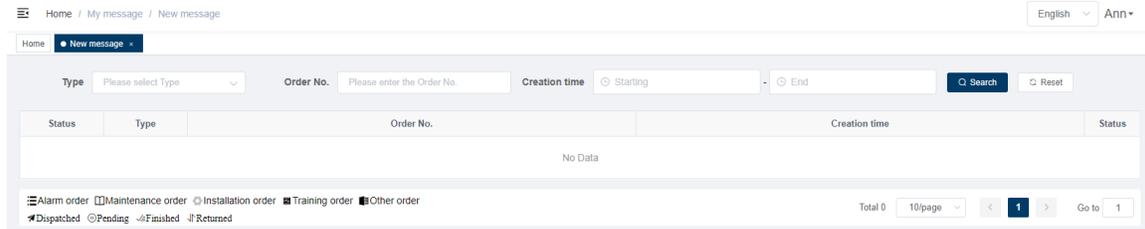


Figure 113: New Message Interface

12. Mail Management

Mail management module is mainly for dealing with the fail-to-send messages.

12.1 Fail to Send Message

User can view, resend, and modify sender information in the fail to send message interface.

Click “Mail Management” -> “Fail to Send Message” to enter the fail to send message interface.

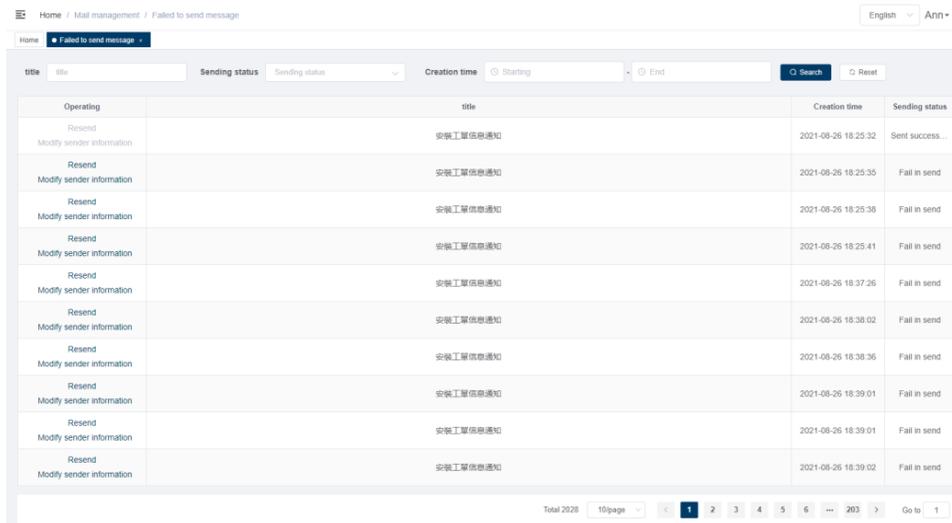


Figure 114: Fail to Send Message Interface

12.1.1 Resend Email

When the email fails to send, User can send the email again by clicking “Resend”.

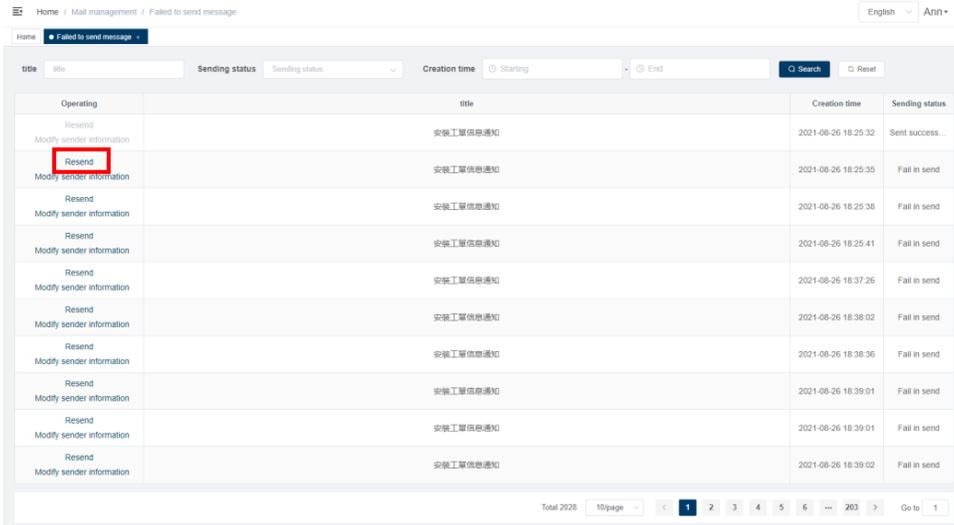


Figure 115: Resend Button

After resending the email, the sending status will turn into send successfully.

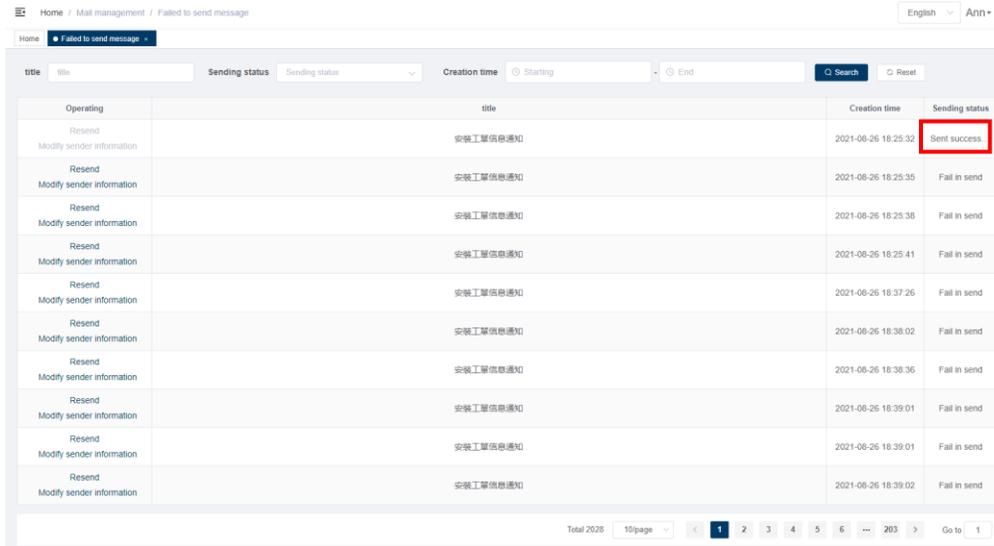


Figure 116: Sending Status changes

12.1.2 Modify Sender Information

User can edit the sender information by clicking “Modify Sender Information”.

Modify sender information ×

Mail address

Mail account

Mail password

Confirm
Cancel

Figure 117: Modify Sender Information

Click “Confirm” after the update.

13. Equipment MGT

The equipment MGT interface mainly displays the device of the user in a customer organization.

13.1 Device MGT

When the equipment is sold to a user of the customer organization, the user of the customer organization can view the equipment on the interface and generate related reports.

Click “Equipment MGT”->” Device MGT” to enter the device MGT interface.

Equipment No. Brand Model

Installed Position Company name 🔍 Search 🔄 Reset

Generate report

Operating	Equipment No.	Brand	Model	Company name	Installation time	Installed Position
<input type="checkbox"/>	测试设备1109	威康科技股份有限公司	Heart Plus II NT-201	三和福小		大陆地区 甘肃省 兰州市 红古区
<input type="checkbox"/>	测试1109	威康科技股份有限公司	Heart Plus II NT-201	三和福小		大陆地区 山东省 潍坊市 寒亭区
<input type="checkbox"/>	测试设备数量1108	Nanuum Tech CO., LTD	Heart Plus NT-180	三和福小	2021-11-08	大陆地区 甘肃省 兰州市 西固区
<input type="checkbox"/>	NT381-C16-00029	威康科技股份有限公司	Heart Plus II NT-201	三和福小	2021-09-06	大陆地区 贵州省 贵阳市 大南街道

共 4 条 100/页 1 / 1 每页 1 页

Figure 118: Device MGT Interface

13.1.1 Device Detail

Click “Detail” to enter the detail page. User can view the basic information, monitor information, accessory information and the consumable information.

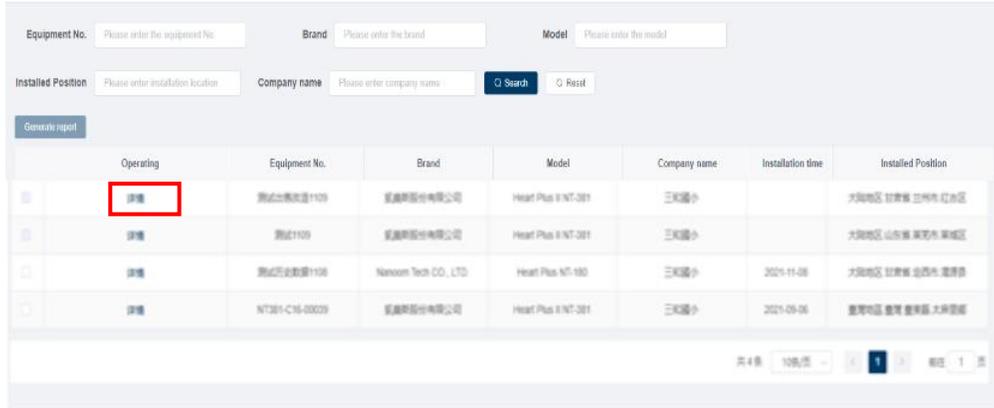


Figure 119: Detail Button

13.1.2 Generate Report

Select a piece of equipment and click “Generate Report”, the AED inspection report will be generated.

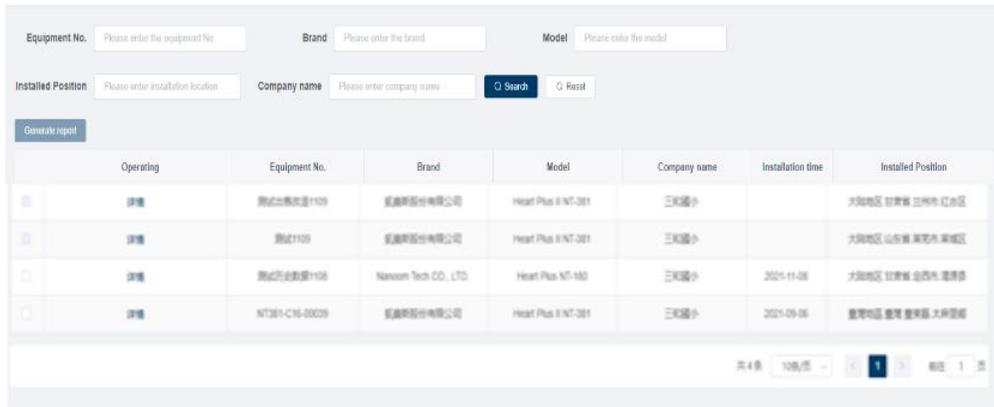


Figure 120: Generate Report Button

14. Revision History

Version	Revision Description	Issue Date
2021-10-01	First version	2021-10-01
2022-01-21	Add Customer organization information 6.2 Equipment Information MGT 9.3 Statistics AED 13 Equipment MGT	2022-01-21

15. Contact WhaleTeq

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