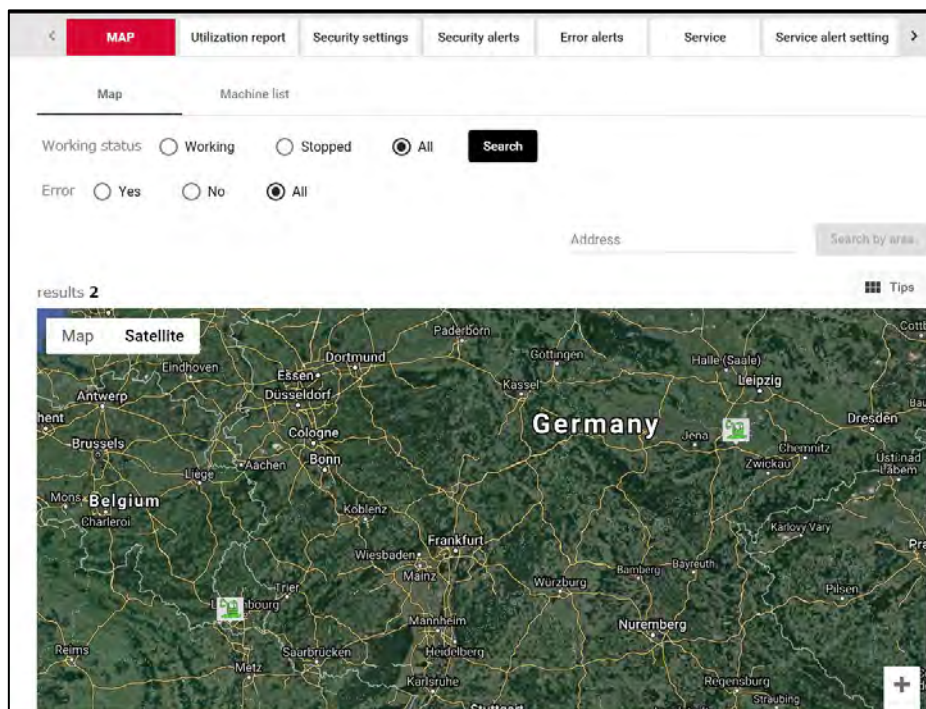


SMARTASSIST-Remote

Instruction Manual

Cloud Terra



<https://terra.smartassist.yanmar.com/>

SEARCH



Table of Contents

Read Before Use	3	Detailed version of work map.....	16
Recommended Operating Environment.....	3	Print out of daily work.....	16
Conventions.....	3	Utilization data	17
Notice of Available	4	How to display	17
Log in screen	5	Screen overview.....	17
How to log into the Smartassist website	6	Utilization graph	18
In case you forgot your password.....	6	How to display	18
In case you forgot your ID/Email address	6	Screen overview.....	18
Screen overview	7	How to activate Security setting	19
Search panel Description	8	Setting operating available time	19
How to display machine operating status	9	Setting geofence	20
How to operate working status screen	10	Security alerts	21
Narrow down [Working Status] & [Errors]	10	How to display	21
Search for peripherals by address	10	Screen overview.....	21
Icon tips	10	Error alerts	22
How to switch the Map screen.....	11	How to display	22
Machine information and details	11	Screen overview.....	22
How to switch Map and Owned machine list	12	Service	23
Display of owned machine list	12	How to display	23
Detailed setting for owned machine	12	Screen overview.....	23
How to display Utilization report	13	Service alert setting	24
Operating Report items	13	How to change e-mail address.....	24
Monthly report	14	Contract Management	25
How to display	14	How to display	25
Screen overview	14	Member management	26
Daily diary	15	How to add new members	26
How to display	15	Entry items	26
Screen overview	15	How to edit members	27
How to enter the daiy work report.....	15	Default Language Setting	27
Simplified version of work map	16	Terms of Service	28

Read before Use

The “Smart Assist Website” is available to those who have signed a contract with the “SMARTASSIST-Remote System Terms and Conditions of Use”.

Recommended Operating Environment

- 1) We recommend the following internet environment (Browser: Application software for opening web pages)
Browser: Google Chrome latest version
Display resolution: 1024px × 768px or higher
- 2) If your browser is not compatible, we recommend you install Google Chrome (Free).

Conventions

[] indicates the name of the button on the screen.

Notice of available

A Registration completion e-mail is sent to your e-mail address.

The log-in information is sent to the e-mail address you filled in the “SMARTASSIST-Remote Subscription Application Form”.

Email Content

Thank you very much for accepting our service offer for Yanmar Smart Assist.

You can verify the operational status of your Smart Assist-equipped machines on the following website.

<SMARTASSIST Website>

<https://terra.smartassist.yanmar.com/>

ID : *****

Password : *****

Model Name : VIO***

Machine Number : *****

【Important】

The registration completion e-mail contains the following information.

1) URL to open the “Smart Assist Website” in an internet browser

<https://terra.smartassist.yanmar.com/>

2) Initial ID and Password to log in to the site

- ID & Password can be changed in the “Member Management” menu of the “Smart Assist Website”.
- Be sure to write down your ID and password and keep them in a safety space, and do not share them with unregistered persons.
- Type your ID and password correctly, otherwise you are not able to access the “Smart Assist Website”.

Log in Screen

Log in screen comes up when opening “Smart Assist Website”.

Login

ID
Required input.

Password
Required input.

Login

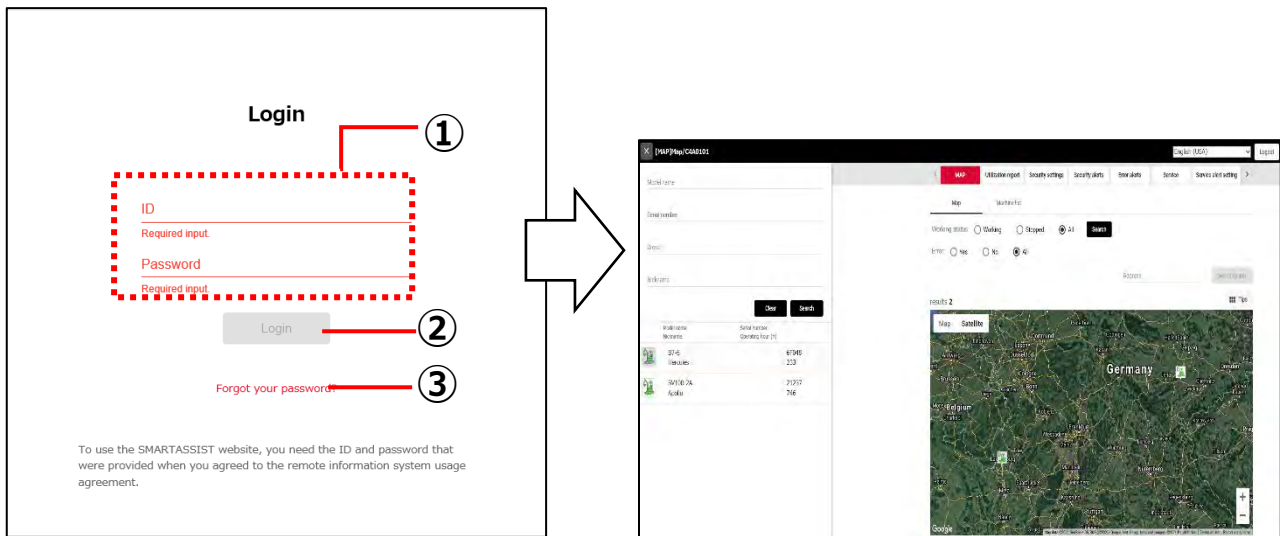
[Forgot your password?](#)

To use the SMARTASSIST website, you need the ID and password that were provided when you agreed to the remote information system usage agreement.

①
②
③
④

- 1) ID
- 2) Password
- 3) Log in button
- 4) Forgot your password

How to Log in to the Smart Assist Website



1) ① Please enter your ID and Password

Password can be changed in the “Member Management” menu of the “Smart Assist Website”.

2) ② Click [Log in]

Top Screen comes up

In case you forgot your password

3) Please click [Forgot your password]

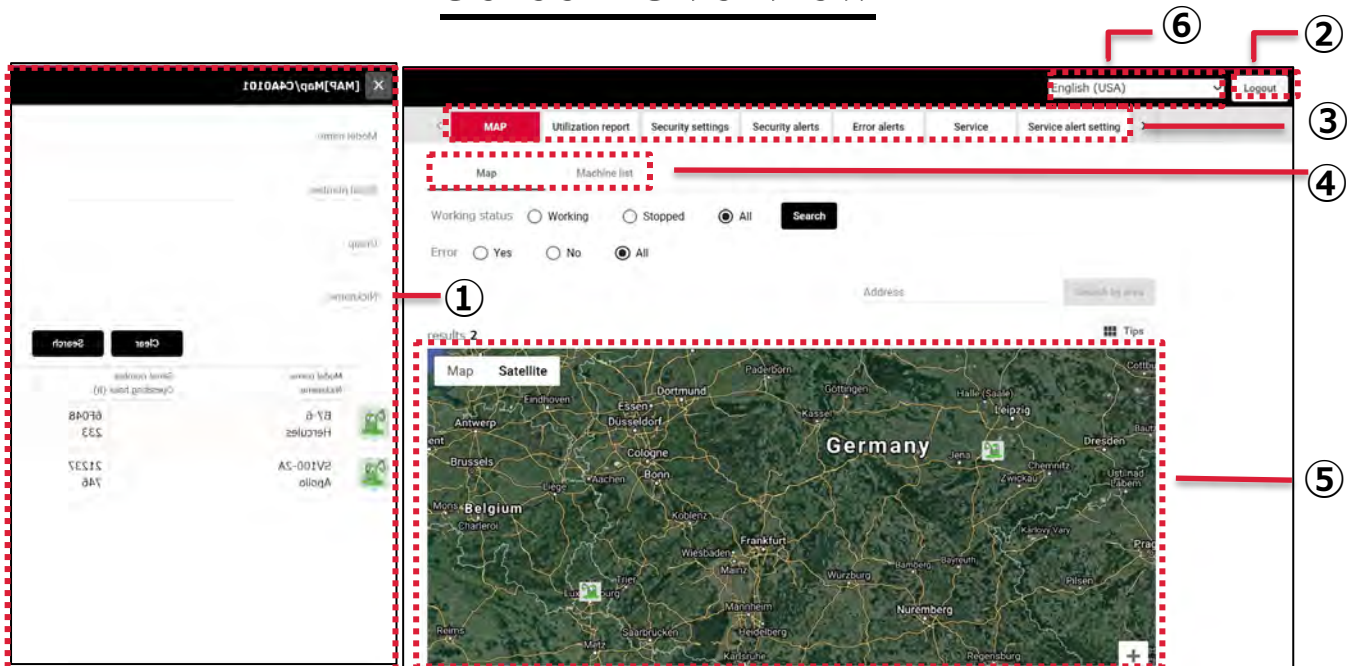
Enter your e-mail address and ID and Click [Send] to send the temporary password to your registered e-mail address.

Please refer to Page 27 for managing members.

In case you forget your ID and E-mail address

Please contact to your local Yanmar sales representative.

Screen Overview



1) Search Panel

You can search and narrow down machines.

2) [Logout] button

3) Main Menu

You can access to each menu.

4) Sub menu

5) Contents

Details of the function comes up.

6) Language bar

Search Panel Description

The screenshot shows a search panel titled "[MAP]Map/C4A0101". It contains four input fields: "Model name", "Serial number", "Group", and "Nickname". Below these fields are "Clear" and "Search" buttons. A red dashed box highlights the search results table, which lists two machines: B7-6 Hercules and SV100-2A Apollo. Red lines connect numbered callouts 1 through 6 to specific elements in the interface.

Model name	Serial number
B7-6 Hercules	6F048 233
SV100-2A Apollo	21237 746

1) Enter Model Name

2) Enter Machine's Serial Number

3) Enter Group

Please refer to Page 12 for setting

4) Enter your Nick Name

Please refer to Page 12 for setting

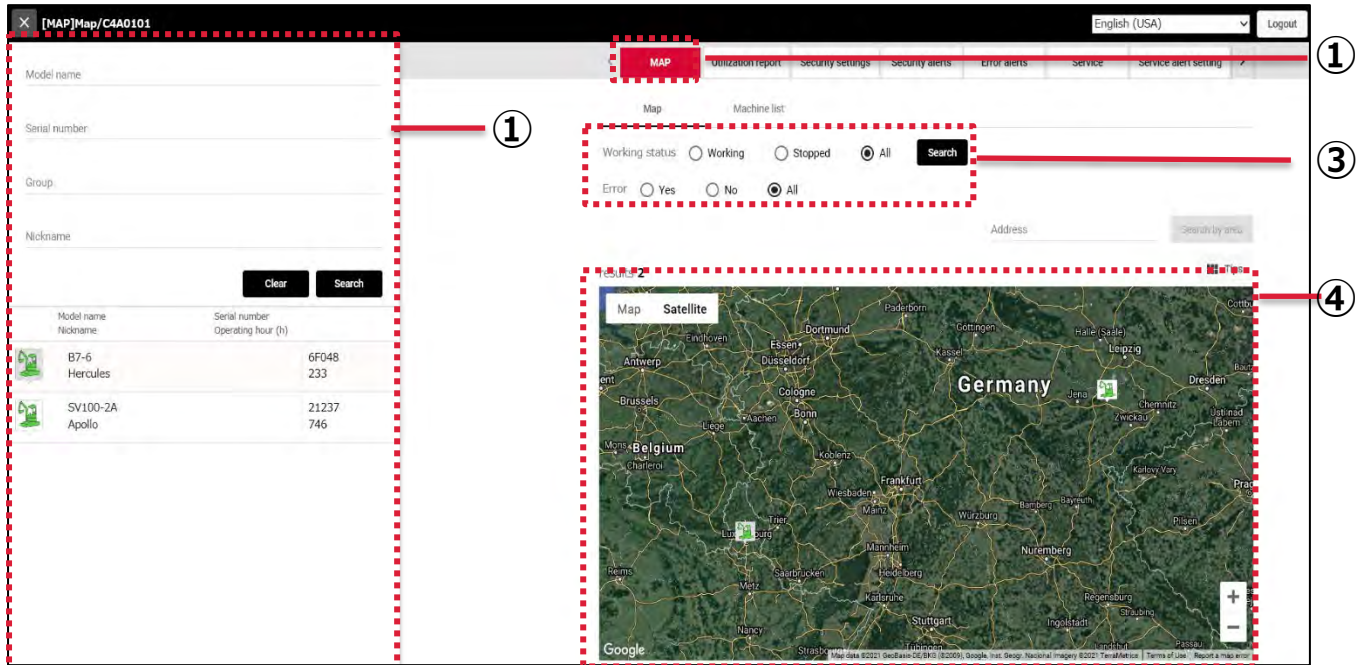
5) Search and Search clear

6) Display search results

*Your owned machine comes up once you log in.

The maximum number of machines that can be displayed is 100. If you own more than 100 machines, please enter search conditions in search panel to narrow down.

How to display machine operating status



1. Click [Map] on Main Menu ①
2. If you own more than 100 machines, please search your machines from search panel. ②
*Please refer to Page 8 for searching
3. You can further narrow down with [Working Status] and [Error] ③
*Please refer to Page 10 for narrowing down
4. As a result of searching, the following icon comes up at the machine location of the MAP



How to operate working status screen

Narrow down [Working Status] and [Error]

Working status

☐ Working

☐ Stopped

☒ All

Search

Error

☐ Yes

☐ No

☒ All

- [Working Status] You can narrow down with “Working”, “Stopped” or “All”
- [Error] You can narrow down with “Yes” “No” or “All”







Click [Search] to display the machines that match the criteria,

Search for peripherals by address

You can search for peripherals by address.

Ex) “JAPAN”, “CHIKUGO-City, FUKUOKA Prefecture”

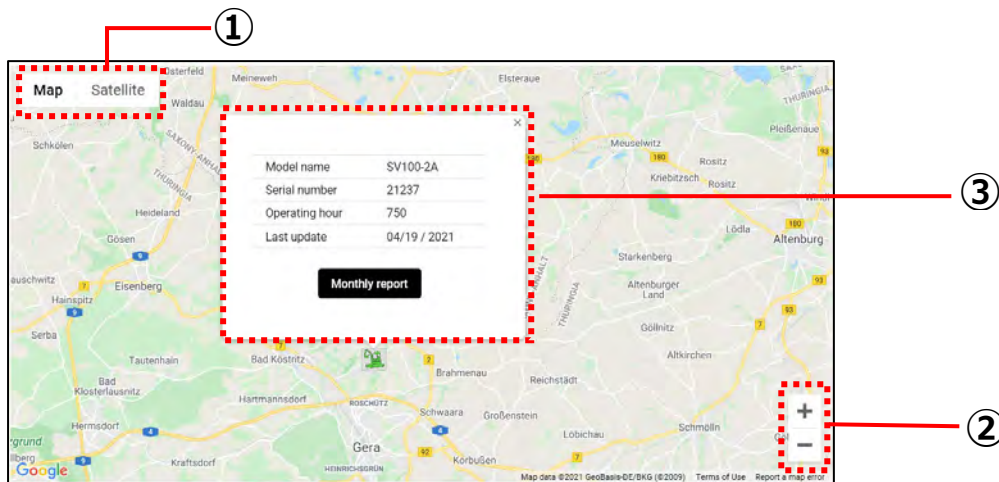
Icon Tips

Working status			
Icon	Working status	Abnormal	Error occurred date/time
	Working	Yes	Within past 30 minutes
	Working	Yes	Within past 24 hours
	Working	None*	* There may have been an abnormality before 24 hours.
	Stopped	Yes	Within past 30 minutes
	Stopped	Yes	Within past 24 hours
	Stopped	None*	* There may have been an abnormality before 24 hours.

Close

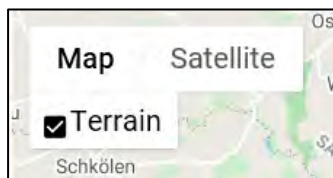
You can check the status of the machines by icon and its background colors shown on the MAP.

How to switch the Map screen

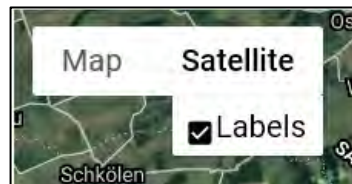


1) You can switch the Map screen by clicking [Map] or [Satellite].

- You can check the terrain by moving the cursor to [MAP]① and checking [Terrain] in the Map mode.
- You can switch [Labels] comes up or not by moving the cursor and checking [Labels] in [Satellite].①



Map mode



Satellite mode

2) Use [+] and [-] buttons to zoom in and out on the MAP.

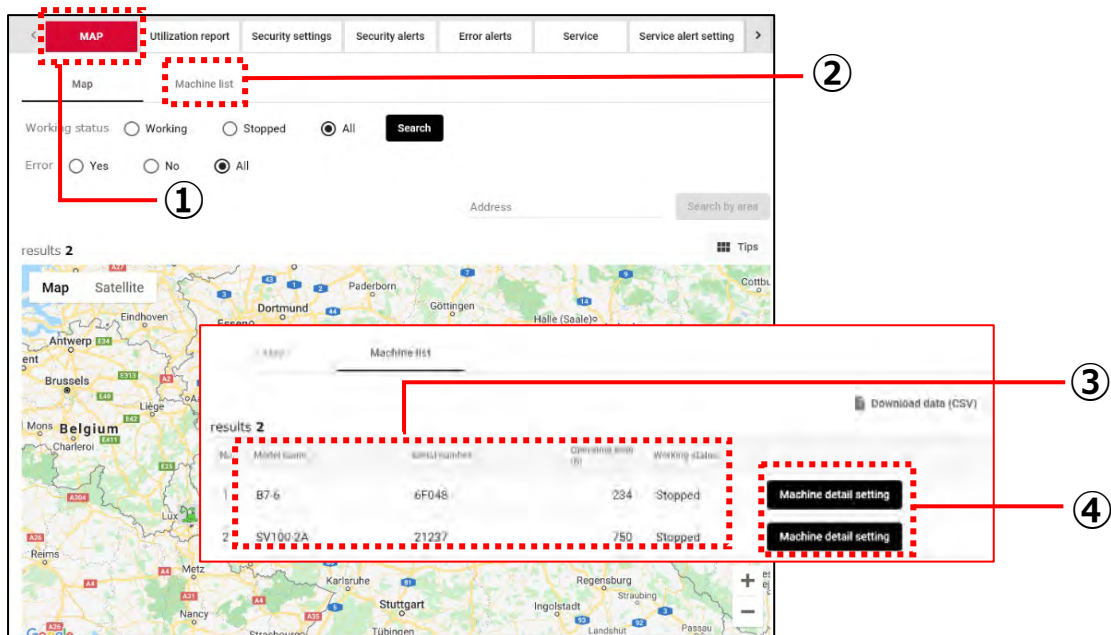
*You can zoom in and out by scrolling on the Map as well.

Machine information and details

3) It comes up by clicking machine's icon

You can check further detailed operating information by clicking [Machine operating status by month].

How to switch Map and Machine list



Display of Machine list

- 1) Click [Map]① on Main Menu.
- 2) You can switch to Machines list by clicking [Machine list].
- 3) If you own more than 100 machines, please enter search conditions in search panel to narrow down.②

Please refer to Page 8 for searching.

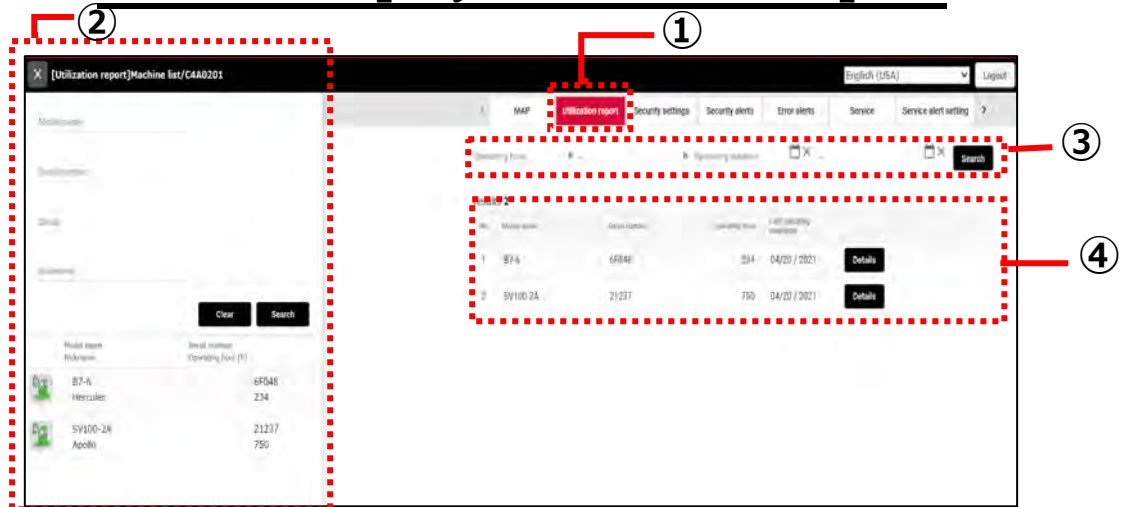
- 4) You can set up Group name and Nick name by clicking [Machine detail setting].

Detail setting for owned machine

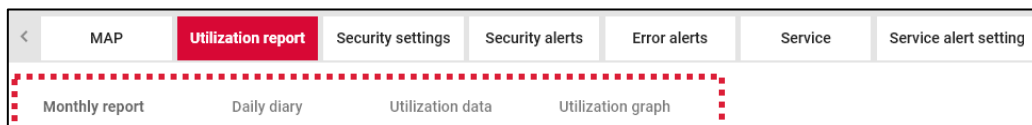
- 1) Click [Machine detail setting]
- 2) Enter Group and Nick name
- 3) Once you have used a group name or nickname, you can select them from the [Select] button next time.
- 4) Click [Register] and setting is completed.



How to display Utilization report



- 1) Click [Utilization report]① on Main menu
- 2) If you own more than 100 machines, please narrow down your machines by search panel.
*Please refer to the Page 8 for setting.
- 3) You can narrow down by “Operating hour” “Operating duration”③ in case you would like to further narrow down machine list.
*You can narrow down by inputting Start to End or either.
- 4) A list of machines that correspond to the search and narrow down can be displayed in ④
- 5) Click [Details] to check machine’s utilization report.
- 6) You can check the following contents by selecting tabs on Sub menu.

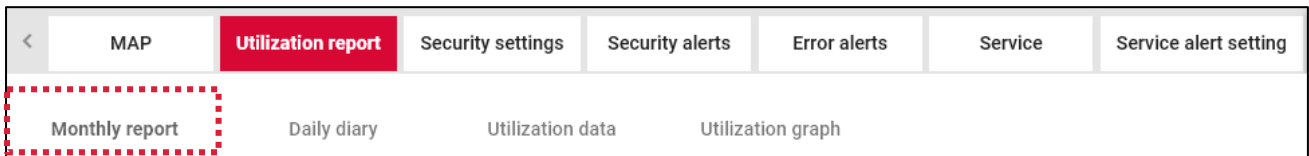


Operating Report Items

- 1) Monthly report
You can check Owner’s information / Operating Status / Machine alert history / Operation location
- 2) Daily diary
You can make a daily work report and print it out.
- 2) Utilization data
You can check working data by daily and Monthly.
*You can search by day for up to 1 month and by month for up to 1 year.
- 3) Utilization graph
You can check Working data by graph by daily and monthly.
*You can search by day for up to 1 month and by month for up to 1 year.

Monthly report

How to display



Click on "Monthly report" from the submenu to display.

Screen Overview

1. Display of operating days

A red circle indicates that the machine has been operated.

2. Display of operating hours

Displays details of daily operating hours for a month.

3. Display of Error Notification / Theft Notification record

Displays notifications of errors and thefts that have occurred in the past.

4. Display of operating machine location information

Displays the location of the machine at the time of the last update.

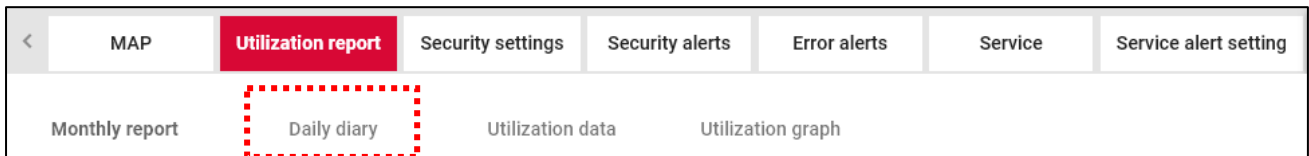
5. Changing the display year and month

Click the left and right arrows to change the year and month.



Daily diary

How to display



Click on "Daily diary" from the submenu to display.

Screen Overview

1) Display of working days

A red circle indicates accrual operating results.

2) Machine Information

3) Machine work map

4) Enter Working details

You can enter worker's name, location, a description of the work and refueling amount

5) Display of Tips, Location Map, Print out screen

6) Working time

7) Enter memos by working time

The screenshot shows the 'Daily diary' screen with the following elements and callouts:

- 1**: Monthly report and Daily diary tabs.
- 2**: Machine information section including Work date (03/15/2021), Nickname (Hercules), Group (A), Model name (B7-6), Serial number (6F048), Operation Hours(h) (0.6), Average speed(km/h), Distance travelled(km), Average mileage(L/hour) (5), and Fuel consumption(L) (3).
- 3**: Map and Satellite view toggle.
- 4**: Workers selection button.
- 5**: Work map (details) and Print report buttons.
- 6**: Refueling quantity(L) input field.
- 7**: Memo input field.

How to enter the daily work report

1) Enter Worker's name

*Once you've registered a worker name, you can select it from [Select] button next time.

2) Enter Working Location

*Once you've registered a working location, you can select it from [Select] button next time.

3) Enter a description of the work.

4) For refueling amount, enter a six-digit number (up to two decimal places) with 0 or more.

5) After entering the information, click the [Register] button to complete.

Simplified version of work map

- You can see simplified version of work map from a working report.

*Trajectory marks indicate Starting and Ending location.

*A number in the mark indicates the order of operations.



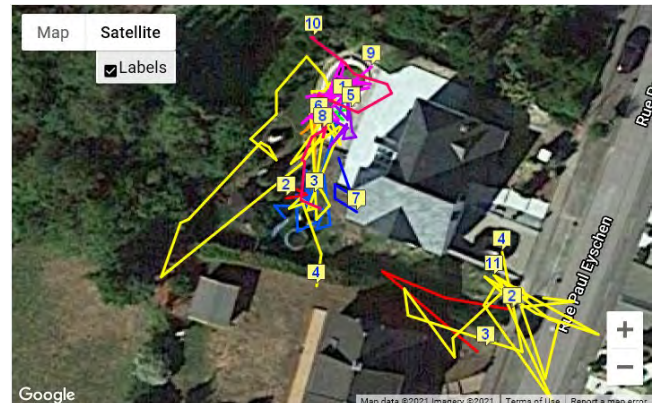
*You can check it from Tips.



Detailed version of work map

- You can see work map by 1 minute by clicking [Work map(details)].

*you can check the date, time, and coordinates by clicking on a bent point on the operating line,



Print out of daily work

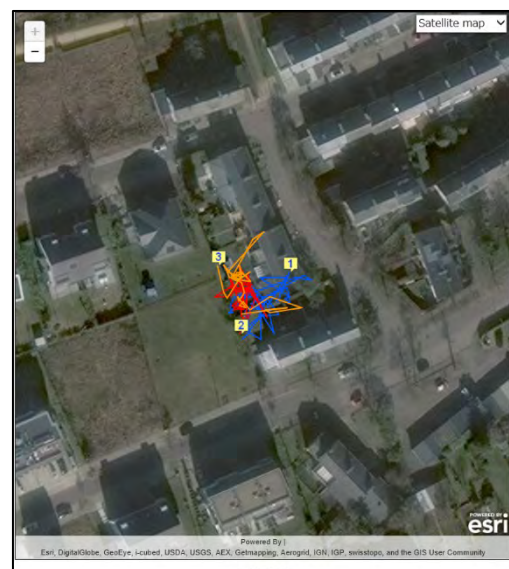
- Please click [Print report] in case you print out a working report.



Print report/C4A0206

Workers		Work date	12/11 / 2020			
Model/Machine Number	B7-5/6F048					
Work content						
Operation Hours(h)	2.6	Refueling quantity(L)				
Distance traveled(km)		Average speed(km/h)				
Fuel consumption(L)	9	Average mileage (L/hour)	3.46			
Parking Hours(h)	0	Actual Operation Hours(h)	2.5			
<div><div></div><div></div><div></div></div>						
00:00	06:00	12:00	18:00			
Pre-Start Time	End Time	1 Ligne Miles Per hour	Parking Hours	Actual Operation Hours	Remarks	
1	12/11 / 2020 10:51:32	12/11 / 2020 11:54:45	01:02:13	00:00:00	01:02:13	
2	12/11 / 2020 12:12:05	12/11 / 2020 13:57:11	00:44:16	00:00:00	01:44:16	
3	12/11 / 2020 14:11:01	12/11 / 2020 14:53:41	00:42:40	00:00:00	00:42:40	

1 / 2 Page



Utilization Data

How to display

The screenshot shows the 'Utilization report' tab selected. Callout 1 points to the 'Utilization data' sub-menu. Callout 2 points to the 'Data type' selection (Daily/ Monthly). Callout 3 points to the 'Period' selection (04/14 / 2021).

Owner name	Model name Serial number	Address	Telephone No.	Nickname	Supervising Company	Operation Hours	Number of months passed	Contract Beginning
YANMAR S...	B7-6 6F048			Hercules	JP500020	235	30	10/05 / 2018

Below the table is a 'Download data (CSV)' button and a calendar grid for selecting a date.

1) Click [Utilization data] on sub menu. ①

2) Select [Daily] or [Monthly]. ②

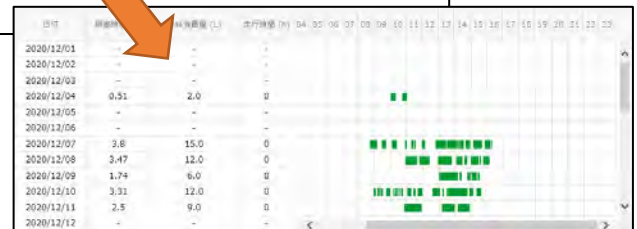
3) Select period to display. ③

*You can select by clicking a calendar mark.

*The period can be displayed for max 1 month by daily.

*The period can be displayed for max 1 year by monthly.

4) Data can be displayed by clicking [Search].



Screen Overview

① Switching Data

*Daily or Monthly

② Selecting period

*Max 1 month by Daily

Max 1 year by Monthly

③ Machine information

④ Search Result

The screenshot shows the 'Utilization report' tab selected. Callout 1 points to the 'Data type' selection (Daily/ Monthly). Callout 2 points to the 'Period' selection (04/01 / 2021). Callout 3 points to the 'Machine information' table. Callout 4 points to the 'Search Result' table.

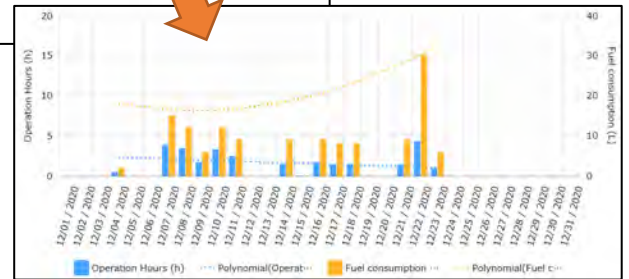
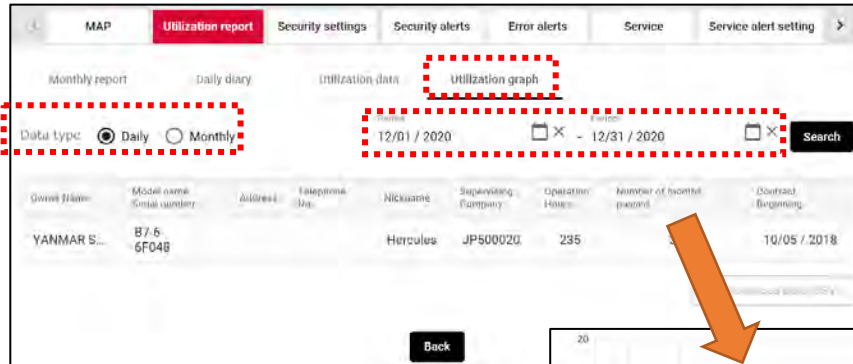
Owner Name	Model name Serial number	Address	Telephone No.	Nickname	Supervising Company	Operation Hours	Number of months passed	Contract Beginning
YANMAR S...	B7-6 6F048			Hercules	JP500020	235	30	10/05 / 2018

Below the table is a 'Download data (CSV)' button and a calendar grid for selecting a date.

Date	Operation Hours (h)	Fuel consumption (L)	Travel hours (h)
04/01 / 2021	4.51	32.0	0
04/02 / 2021	1.92	16.0	0
04/03 / 2021	-	-	-
04/04 / 2021	-	-	-
04/05 / 2021	-	-	-
04/06 / 2021	-	-	-
04/07 / 2021	1.05	5.0	0
04/08 / 2021	2.97	15.0	0
04/09 / 2021	-	-	-
04/10 / 2021	2.1	-	0
04/11 / 2021	-	-	-
04/12 / 2021	-	-	-

Utilization Graph

How to display



- 1) Click [Utilization graph] on sub menu. ①
- 2) Select [Daily] or [Monthly]. ②
- 3) Select period to display. ③
 - *You can select by clicking a calendar mark.
 - *The period can be displayed for max 1 month by daily.
 - *The period can be displayed for max 1 year by monthly.
- 4) Data can be displayed by clicking [Search].

Screen Overview

① Switch data type

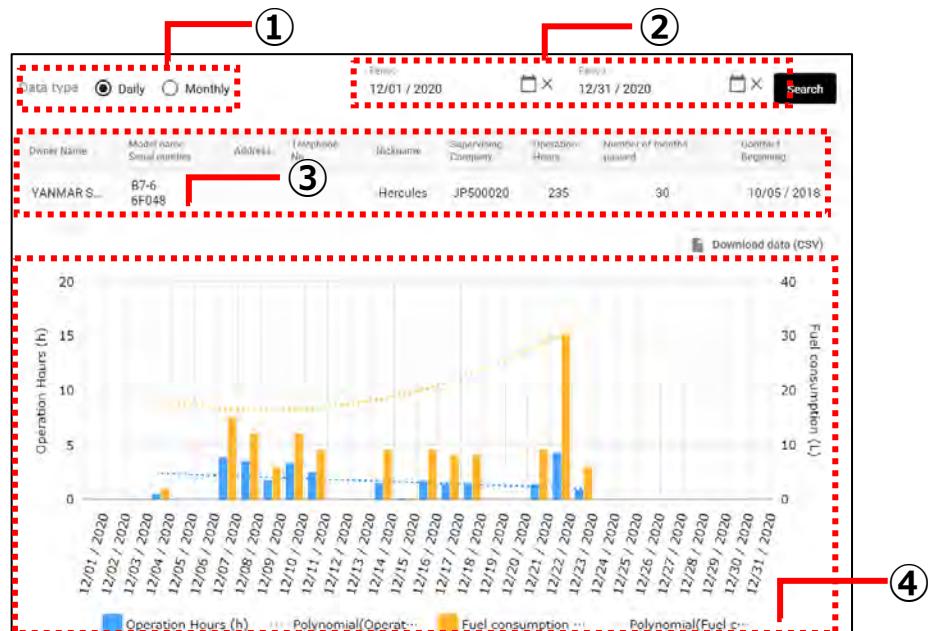
*Daily or Monthly

② Select Period

*Max 1 month by Daily
Max 1 year by Monthly

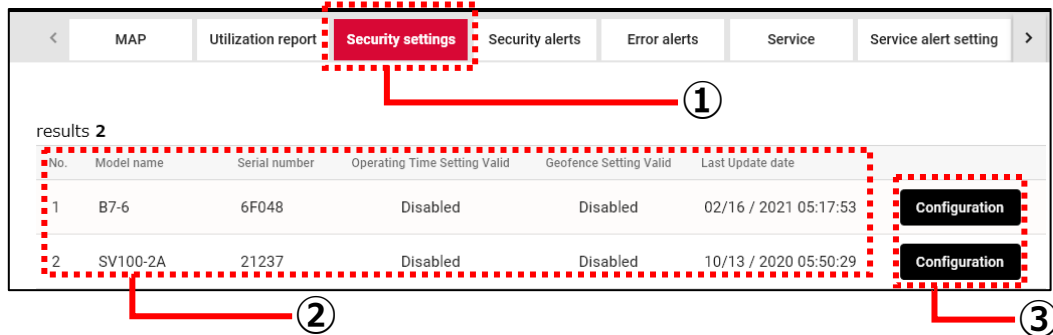
③ Machine Information

④ Operational Graph



- is a graph for Operational hour(h)
- is a graph for Fuel Consumption (L)
- ⋯ indicates respective approximation curves,

How to activate Security settings



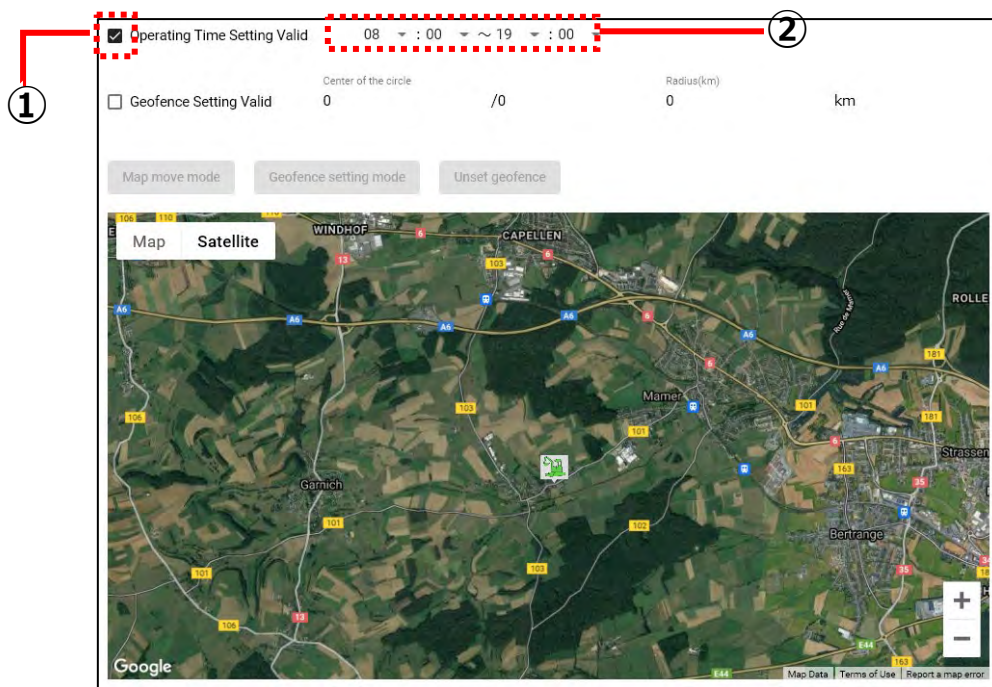
1) Click ①[Security setting] on main menu.

2) You can check whether a machine has set security settings or not from machine information.

*If you would like to show machine information, please search for the machine in the search panel.

3) Click [Configuration] to set up security settings.

Setting operating available time.



1) ①Click [Operating Time Setting Valid] check the box.

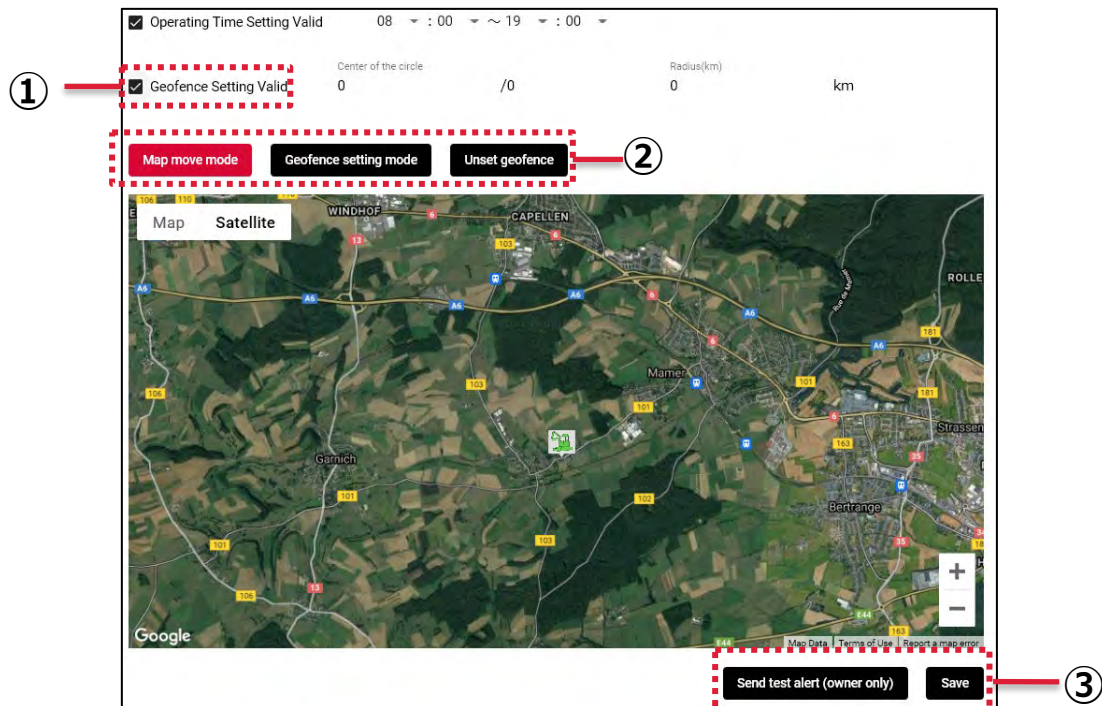
2) ②Enter machine's operating hours

*In case the machine is operated in outside of setting time, theft notification e-mails are sent.

3) In case you set up working area, switch to the next page. If not, go ahead to 4)

4) Click [Save] and completed for setting operating available time.

Setting geofence



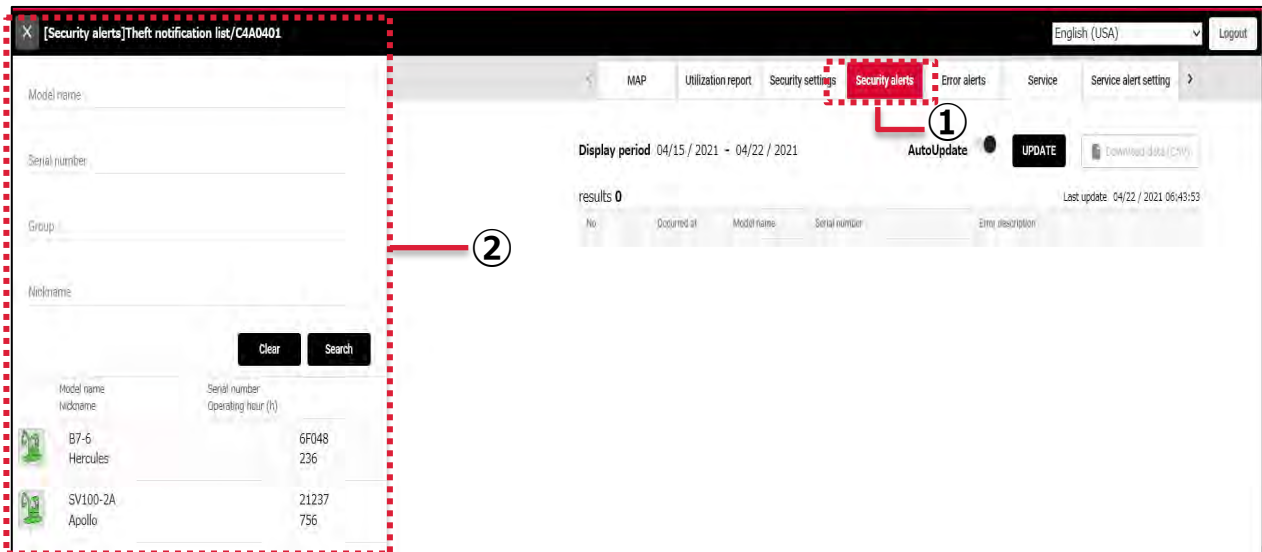
- 1) ①Click [Geofence Setting Valid] check the box.
- 2) ②Select [Map move mode] and adjust map scale.
- 3) ②Select [Geofence setting mode] and
click center location of operating range.
*The setting is made when the cursor is in the palm symbol.



- 4) Click on location of circle that will be the operating range.
- 5) Circle comes up on the Map and show working range.
- 6) You can re-set up by clicking [Unset geofence].
- 7) After setting up, you can confirm the receipt of the e-mail by clicking [Send test alert (Owner only)].
- 8) ③Click [Save] and completed for setting geofence.



Security alerts



How to display

- 1) Click ① [Security alerts] on Main Menu
- 2) If there have been any theft notifications in the past week, the record will be displayed.
If there is no theft history, nothing will be displayed
- 3) If you own more than 100 machines, please enter search conditions in search panel to narrow down.
*Please refer to the Page 8.

Screen Overview

1) Indication Period

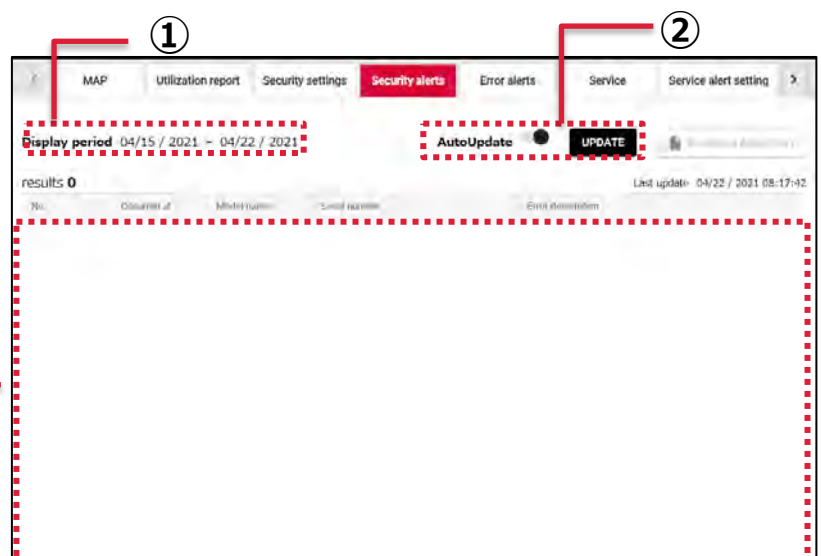
Indication period is one week.

2) Automatic update setting

You can turn Automatic updates on or off.

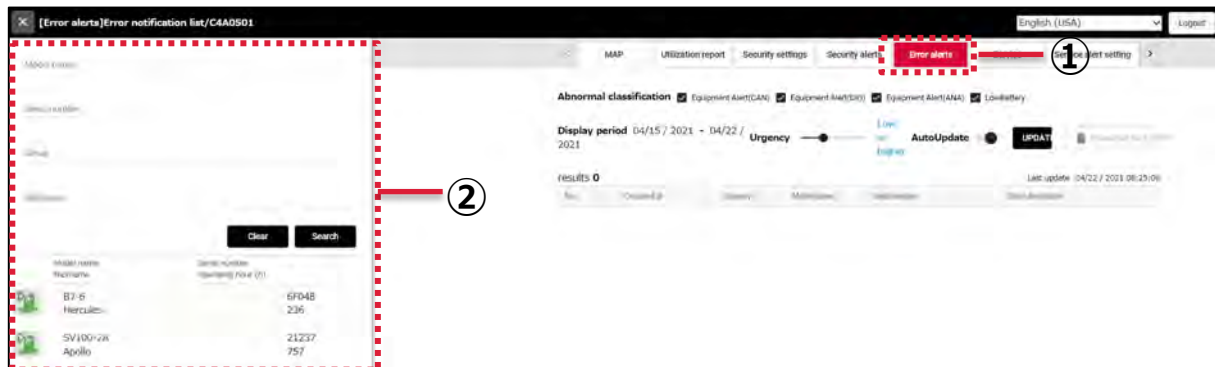
3) Theft Notification record

Displays theft notification for the past week.



Error alerts

How to display



- 1) Click ① [Error alerts] on Main menu.
- 2) If there have been any error notifications in the past week, the record will be displayed.
*After setting the error category and emergency level, click [UPDATE] to update the information.
- 3) If you own more than 100 machines, please enter search conditions in search panel to narrow down.
*Please refer to the Page 8.

Screen Overview

1) Error Category

*Select the check box for the category you would like to display

2) Indication Period

*Indication period is one week.

3) Data emergency level update

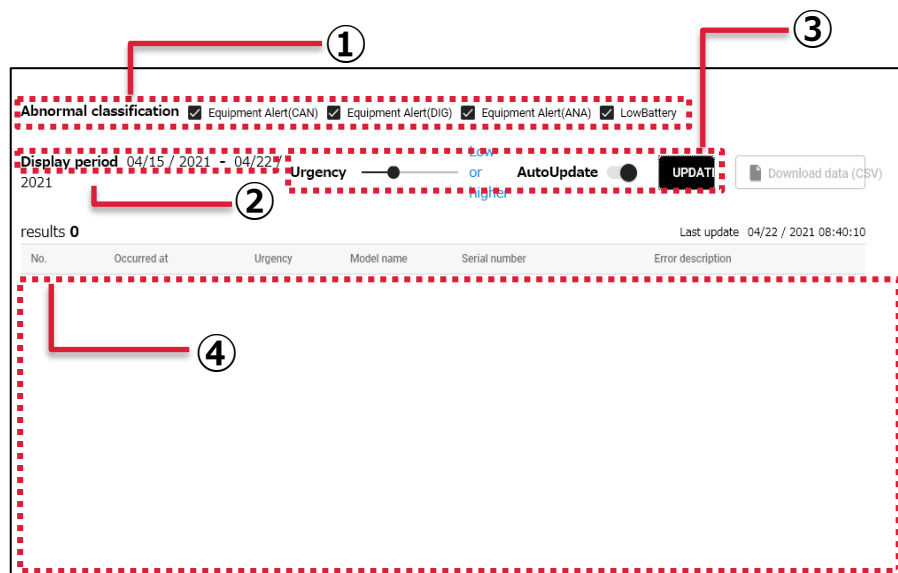
*You can select the emergency level between “All”, “Low and up”, “Middle and up” “High”.

*Automatic update setting can be switched by clicking the bar.

4) Error Notification record

Displays Error notification.

* If there is no theft history for the past week, nothing will be displayed



Service

How to display

results 2

No.	Model name	Serial number	Group	Nickname	Operating hour (h)	Until next inspection (h)	Next inspection (h)	Inspection contents
1	B7-6	6F048	A	Hercules	274	226	500	INFORMATION
2	SV100-2A	21237	Noleggio	Apollo	782	218	1000	INFORMATION

- 1) Click ①[Service] on Main Menu.
- 2) If you own more than 100 machines, please enter search conditions in search panel to narrow down.
*Please refer to the Page 8.
- 3) You can check the inspection status by clicking [INFORMATION] whose machines you would like to display.

Replacement parts	Exchange time	Until next exchange (h)
Hydraulic oil tank return filter	500	226
Line filter	1000	726
Engine Oil filter	500	226
Air cleaner	500	226
Fuel filter	500	226

1 of 2 | 1 | 2

Screen Overview

- ① Machine Information
- ② Maintenance Item
The hours until next maintenance is displayed.

Model name Serial number Group Nickname Operating hour (h)

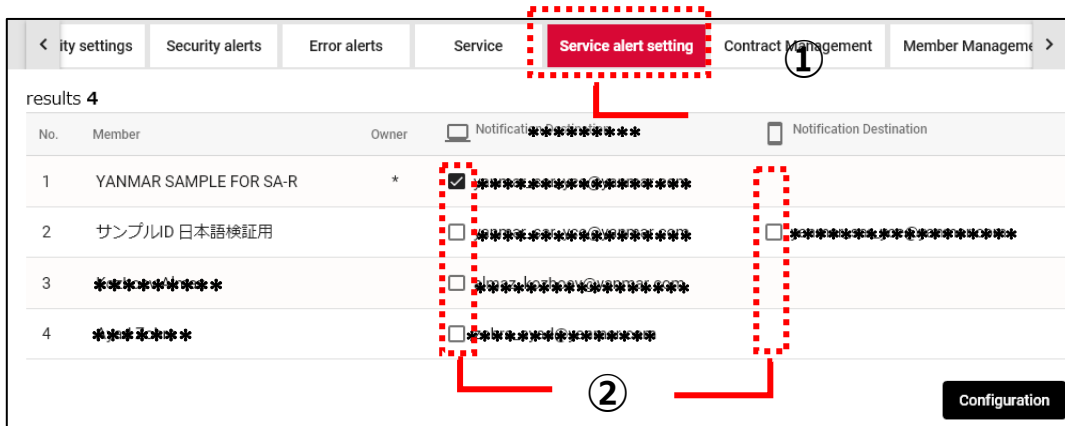
B7-6	6F048	A	Hercules	275
------	-------	---	----------	-----

results 6

Replacement parts	Exchange time	Until next exchange (h)
Hydraulic oil tank return filter	500	225
Line filter	1000	725
Engine Oil filter	500	225
Air cleaner	500	225
Fuel filter	500	225

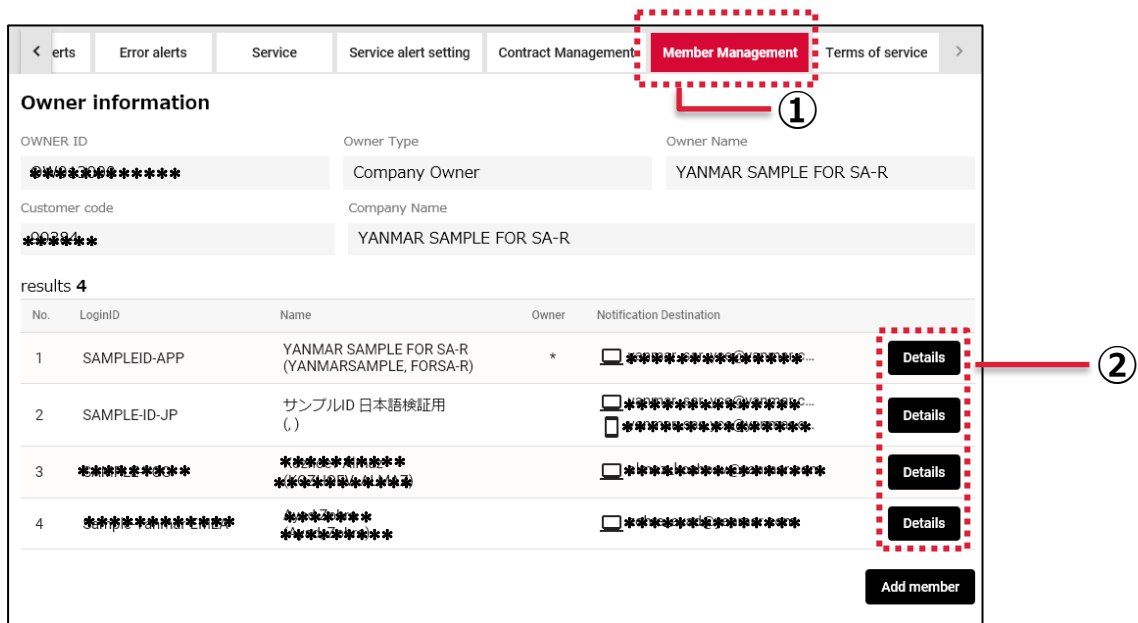
1 of 2 | 1 | 2

Service alert setting



- 1) Click ①[Service alert setting] on Main menu.
- 2) You can change the settings by clicking the check box next to your registered e-mail address. ②
Check the box to send an inspection notification e-mail.
- 3) After the change, click [Configuration] to complete.

How to change e-mail address



- 1) Click ①[Member Management] on main Menu.
- 2) You can change members whom you would like to change by clicking ②[Details] of the members.

Contract Management

How to display

The screenshot displays the 'Contract Management' interface. On the left, a search panel (③) includes fields for 'Model name', 'Serial number', 'Group', and 'Nickname', with 'Clear' and 'Search' buttons. Below these fields, a table lists machines whose contract period has expired. On the right, the 'Contract Management' menu item (①) is highlighted in the top navigation bar. Below it, a table (②) shows 'results 2' of machines under contract. A red line connects the search panel to the table, indicating that search results are displayed there.

No.	Model name	Serial number	Group	Nickname	Contract period (h)	Contract Beginning	Contract End (year)	Contract Extension
1	B7-6	6F048	A	Hercules	275	10/05 / 2018	10/04 / 2028	
2	SV100-2A	21237	Noleggio	Apollo	782	10/05 / 2018	10/04 / 2028	

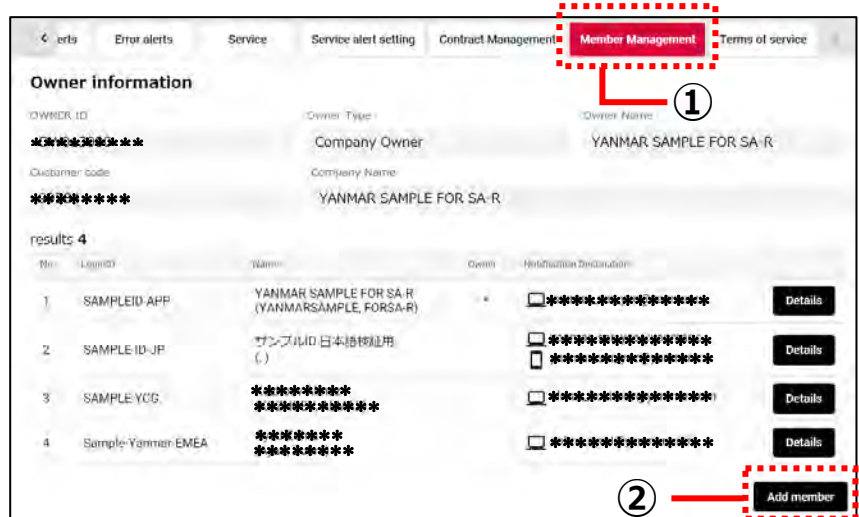
Model name	Serial number
B7-6	6F048
Hercules	275
SV100-2A	21237
Apollo	782

- 1) Click ①[Contract Management] on Main Menu to check your machines under contract.
- 2) If you own more than 100 machines, please enter search conditions in search panel ③ to narrow down.
*Please refer to the Page 8.
- 3) Machines under contract are displayed in ②.

Member Management

How to add new members

- 1) Click ①[Member Management] on Main Menu.
- 2) Click ②[Add member] to move to the input screen.
- 3) Fill in each item and click [Register] to save the settings.



Entry Items

1. Login ID **(Required)**
*Please set up optional ID.
2. Name **(Required)**
3. Name (English)
4. Default display language
5. Time Zone
6. PC E-mail Address **(Required)**
7. Mobile phone E-mail Address
8. Phone Number
9. Unite display

Owner information

OWNER ID: *****

Owner Name: YANMAR SAMPLE FOR SA-R

Enter member information.

LoginID
*Required input.

Name (last name)
*Required input.

Name (first name)
*Required input.

Last Name(English):
First Name(English):

Default display language:
English (USA)

TIME_ZONE:
(GMT+01:00) Brussels, Copenhagen, Madrid, Paris

Mail Notification Destination:
☐ PC_Mail ☐ Mobile Phone Mail

PC Mail address
*Required input.

PC Mail address(Re-enter)
*Required input. *Required input.

Mobile Phone Mail Address:
Mobile Phone Mail Address(Re-... @

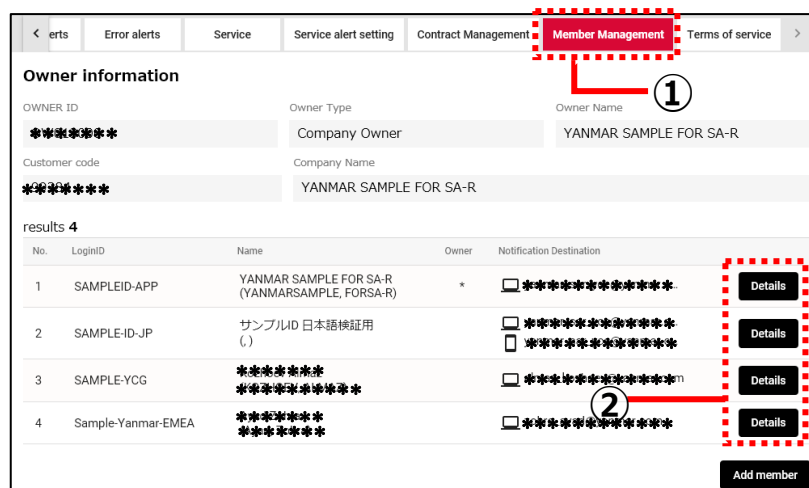
Telephone No.:
Mobile Phone Number:

Unit display:
☒ "Distance:km/Volume:l" ☐ "Distance:mile/Volume:gallon"

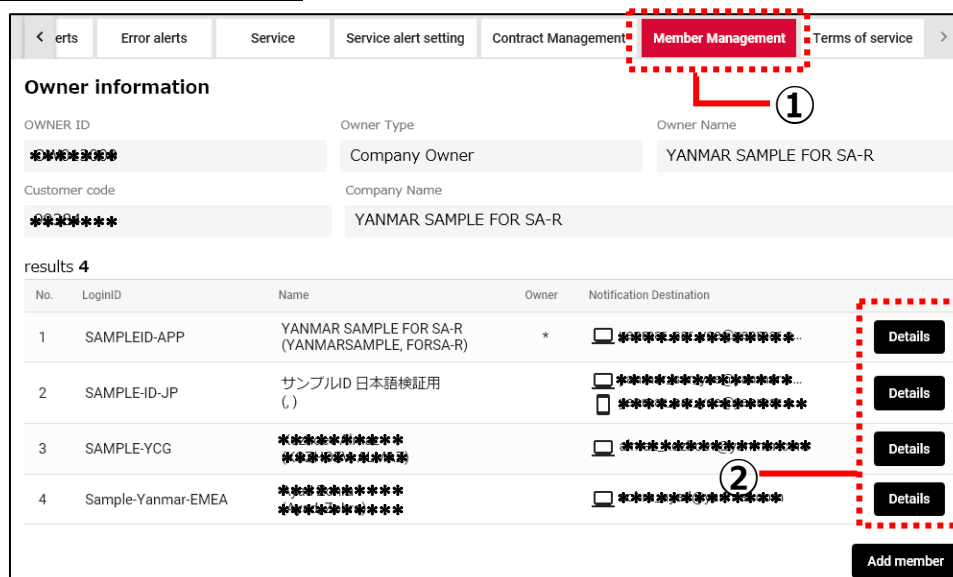
Register

How to edit members

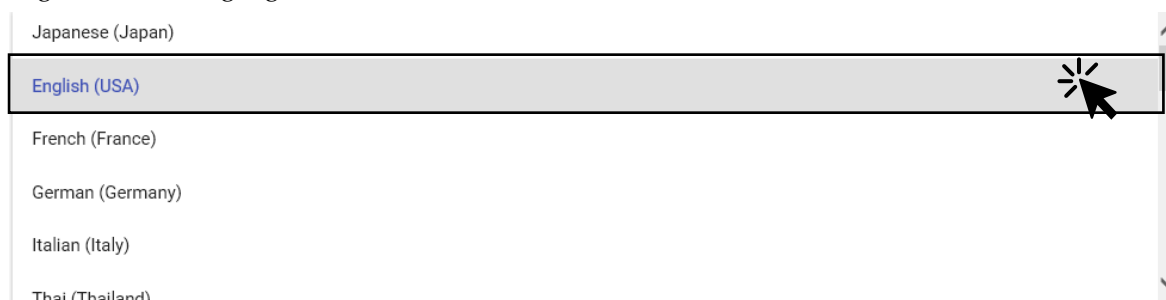
- 1) Click ① [Members Management] on Main Menu.
- 2) Click ② [Details] to edit member information.
- 3) After editing, click [Register] to save the settings.



Default Language setting



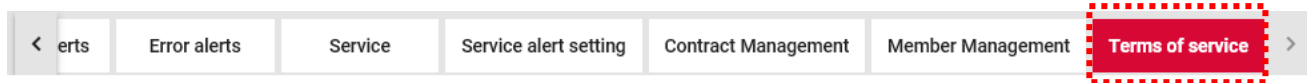
- 1) Click ① [Member Management] on Main Menu.
- 2) Click ② [Details] of accounts you log in.
- 3) Change Default Language



* To switch languages, click on the “Default display language” to display a list of languages.

- 4) After the change, Click [Register].

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