

User manual

OnE Connected platform
For the owner of the laundry — OPL



Electrolux
PROFESSIONAL

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The manufacturer reserves the right to make changes to design and component specifications.

1 General

This operating manual is made to help the laundry owner to set up the system.

Note!

Some of the menus are only valid for users with “customer care or full admin role”.

1.1 Glossary

The following is a description of different words and phrases used in the user interface and documentation.

Access Point (AP)

A device that allows wireless devices to connect to a wired network using Wi-Fi.

Capacity

The amount of laundry a washer or dryer can handle, usually measured in pounds.

Channel

A specific frequency range within the 2.4 or 5 GHz bands used for wireless transmission.

Cycle Time

The duration of a complete wash or dry cycle. Wash and dry cycles can vary depending on machine content size, weight, and program(s) selected.

Default Gateway

The router's LAN IP address, used by client devices to send traffic outside their local network.

DHCP (Dynamic Host Configuration Protocol)

Automatically assigns IP addresses to devices on the network. This is a service provided by the local router

Domain Name Server (DNS)

A Domain Name Server (DNS server) is a server that stores, manages, and provides the information needed to translate human-friendly domain names (like google.com) into machine-friendly IP addresses (like 142.250.74.14). In other words, it acts like the phonebook of the Internet.

Error Code

A short code displayed on the machine screen (e.g., "12:14") indicating a specific issue like a failed payment or a machine problem.

Firewall

A security system that monitors and controls incoming and outgoing network traffic based on predefined rules.

Frequency Bands

2.4 GHz – Longer range, more interference, lower speeds. The frequency we are using to connect the appliances to internet.

5 GHz – Shorter range, less interference, higher speeds.

LAN (Local Area Network) Ports

Ports used to connect local wired devices (PCs, switches, APs) inside the internal network.

MAC Address

A unique hardware identifier assigned to network interfaces.

NAT (Network Address Translation)

A process that allows multiple devices on a LAN to share a single public IP address.

Offline Mode

A state where the machine or app cannot connect to the internet; this system allows "offline payments" that sync once the connection returns.

Organization

It is the container for a multi-store operation. Provides fleet reports to the multi-store manager.

Router

A networking device that forwards data packets between networks, typically between a local network (LAN) and the internet (WAN).

RSSI (Received Signal Strength Indicator)

Signal strength measurement (typically from -30 dBm to -90 dBm).

Higher (closer to zero) = better.

-65dBm = good

Site / Shop / Store

Is the physical location of the laundry where you can find washers, dryers, detergent dispensers and specific services that can differ by shop.

SSID

The name of a Wi-Fi network that appears in the list of available wireless networks.

WAN (Wide Area Network) Port

The router port used to connect to an external network, such as an ISP modem.

WPA / WPA2 / WPA3

Wi-Fi security protocols.

WPA2 is the secure standard we are currently using.

2 Network overview

To be able to use Electrolux Professional provided Connectivity and Management Software Tools, ELS network should be established.

The Machine wireless board is a part of ELS Network, it should be installed on each machine with Compass Pro/Claruss Vibe control system or Vibe interface and it shall be connected to the CPU RS232 port via a quick connection port behind or on top of the machine.

The Machine wireless board is designed to be connected to Wi-Fi.

Network details:

- Machine wireless board on each machine (B)
- A Wi-Fi router/or an access point 2.4GHz (E)
[Reference to Appendix section for the example of configuration with UniFi AP.](#)
- Web application (G)

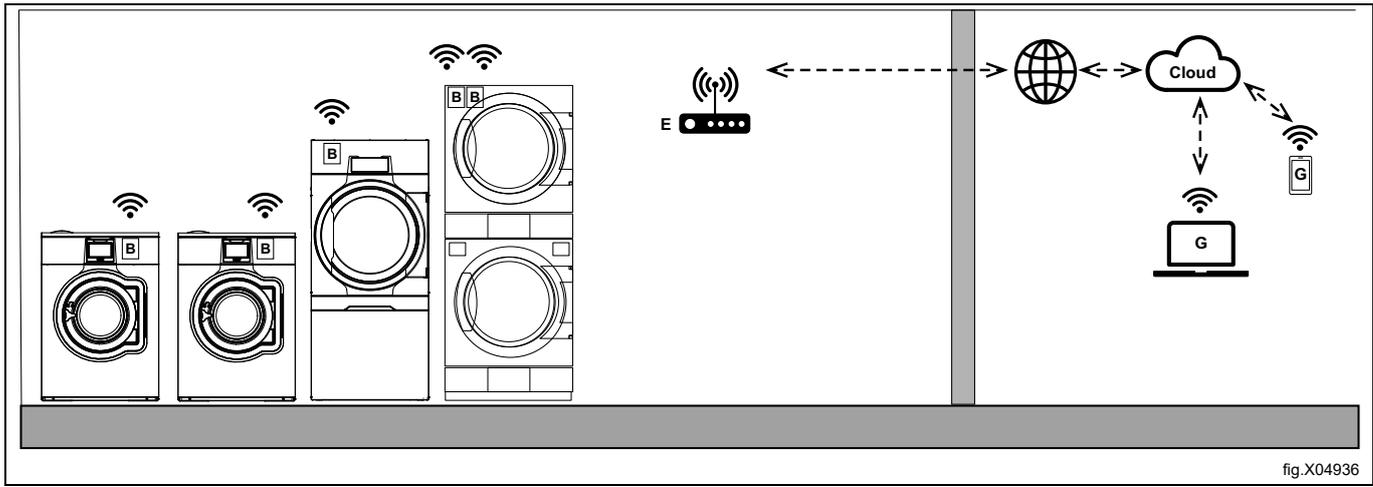
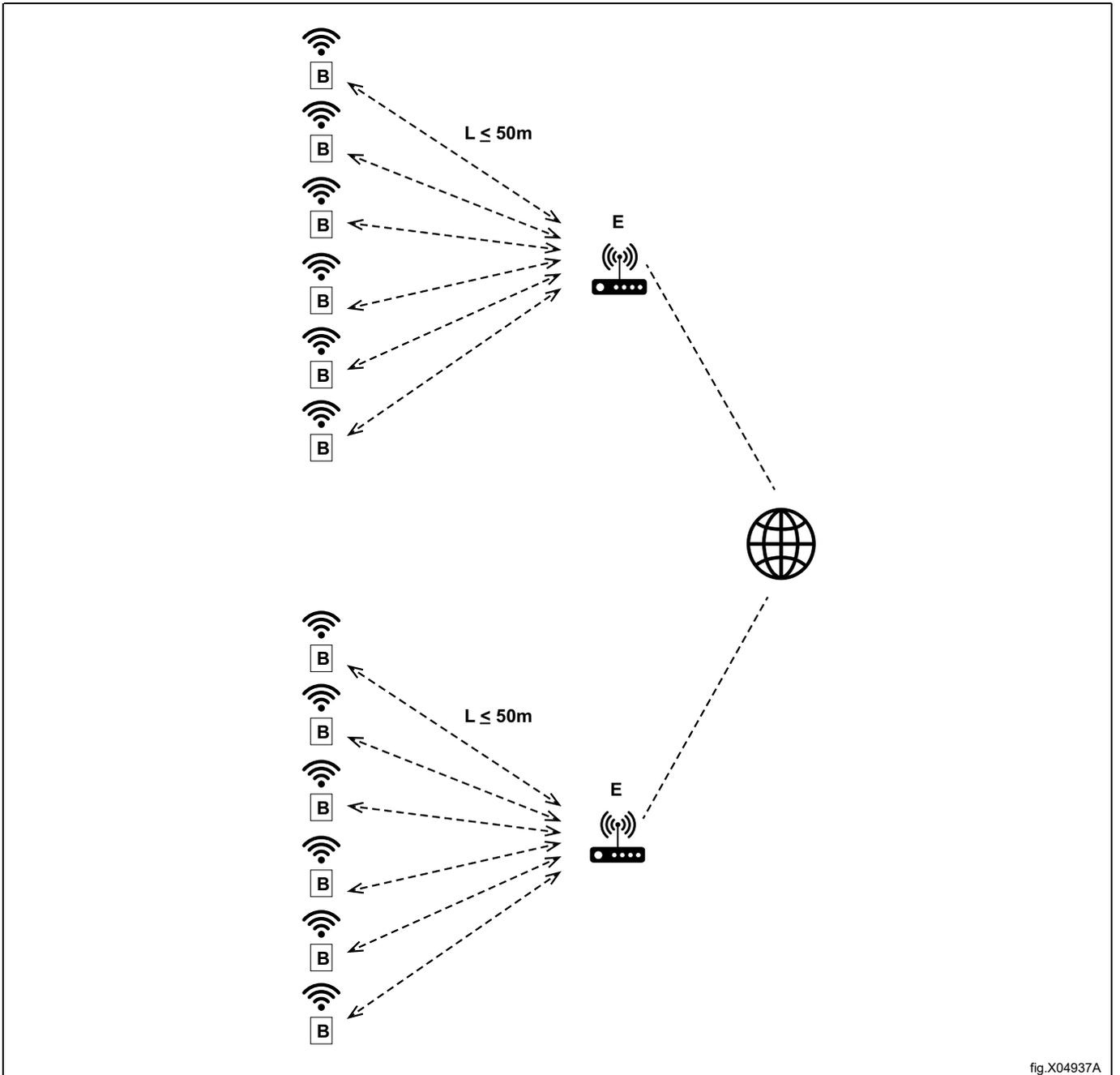


fig.X04936

2.1 Wi-Fi network

- A Wi-Fi router/or an access point 2.4GHz (E)
- Machine wireless board on each machine (B)



Note!

Generally, a standard Wi-Fi router can cover/distance (L) an indoor range of approximately 30 to 50 meters (about 100 to 165 feet).

In open outdoor or open hall environments, the communication range might be longer, but the actual distance can vary depending on the specific performance of the Wi-Fi module being used.

These values are theoretical and depend on the room layout, the presence of walls or other kind of obstacles interfering with the radio signal. For a better access point positioning in more complicated layouts it is better to use radio propagation simulation tools.

3 User roles and portal features

The following table maps the OnE Connected portal features according to each predefined user role available on the platform.

The predefined user roles and the "Hierarchy level" are the following:

- Customer care, only for EPR users = **20**
- Support = **30**
- Tech Service Engineer = **40**
- FW engineer = **50**
- Distributor = **60**
- Fleet manager = **70**
- Site manager = **80a**
- Store owner = **80b**
- Basic user = **90**

Cloud name	Feature description	20	30	40	50	60	70	80a	80b	90
PortalAccess	Login to the portal	x	x	x	x	x	x	x	x	x
ViewSites	Access to the site overview page	x	x	x	x	x	x	x	x	x
ViewAlerts	View & manage alerts and download alert log	x	x	x	x	x	x	x	x	x
GatewayTroubleshooting	Manage IoT boards (firmware update of wireless board)	x	-	x	-	-	-	-	-	-
RecipeManagement	Manage recipes and programs	x	x	-	-	-	x	x	-	x
DeviceManagement	Access to the machine overview page	x	x	x	x	x	x	x	x	x
ViewAnalytics	View site analytics	x	x	-	-	x	x	x	x	x
ViewAdministration	Access administration page	x	x	-	x	x	x	x	x	-
UserManagement	Able to manage the list of the user and role	x	x	-	-	x	x	x	x	-
OrganizationTreeManagement	Able to manage the list of organization tree	x	-	-	-	x	-	-	-	-
LaundrySiteCreation	Able to create a laundry OPL site	x	-	-	-	x	-	-	-	-
SitemapEditing	Site map management	x	-	-	-	x	x	x	x	-
AddManageAppliances	Add and manage appliances	x	-	-	-	x	-	-	-	-
LaundryCoinCreation	Able to create a laundry coin site	x	-	-	-	x	-	-	-	-
ManageOrganizationVisibility	Able to change the visibility of an org/site	-	-	-	-	x	-	-	-	-
ViewCoinReport	Access to coin report	x	x	x	x	x	x	x	x	x
Migration	Possibility to Upload and Delete Report files coming from the old connectivity system	x	-	-	-	-	-	-	-	-

- x = Yes, this feature is available for the predefined user role.
- - = No, this feature is not available for the predefined user role.

The "Hierarchy level" meant as capability of that role to invite other users. For example, a site manager (hierarchy value = 80) should not be able to invite a Customer care hierarchy value = 20) s a new user. The site manager can invite a Basic user (hierarchy value = 90).

4 System requirements

- Min. requirements for commercial router:
 - Alt. 1: Wi-Fi router access point 2.4GHz, it is recommended to avoid having both 2.4Ghz and 5Ghz sharing the same SSID.
- Min. requirements for internet connection with indication of port used:
 - Internet connection for Cloud connection.
 - up to 50 devices: 10 Mbps
 - 51 to 100: 40 Mbps
 - 101 to 200: 70-100 Mbps
 - 200+: 100+ Mbps
 - Network Firewall
 - The Internet connection must be allowed outbound traffic on port
 - 8883 (MQTT, tcp): `mqtt.eprlc.com`, `*.azure-devices.net`
 - 443 (HTTPS, tcp): `ipapi.co`, `portal.eprlc.com`,
`*.azure-devices.net`, `api.iot.epr-apps.com`, `*.blob.core.windows.net`
 - 123 (NTP, udp): `pool.ntp.org`
 - These ports used to send the data to the cloud. Be sure to properly setup your Network Firewall or protection system in your network if necessary
- Dedicated Network: A unique SSID (network name) and password must be created exclusively for the IoT solution.
- SSID Visibility: The SSID should be hidden (not broadcast) to prevent unauthorized connection attempts.
- Wi-Fi Channel: Use channel 6 or 11. Channels 1, 6, and 11 are non-overlapping, but channel 1 is often congested by other devices (e.g., PCs, phones, cameras).
- DHCP Service: The network's DHCP server must be configured to automatically assign IP addresses. The available IP address pool must be large enough to support the total number of installed devices.
- Signal Coverage: A good (min -65 dBm) and consistent Wi-Fi signal must be available throughout the entire installation area.

5 Login and organization tree

5.1 Login

5.1.1 How to log in as an external user

Make sure you have got an invitation to OnE Connected platform in your e-mail.

- Open the e-mail and click on “Accept invitation”.
- You will now be asked to set up a password. Make sure to set a password matching the rules.
- When the password is set make sure to accept the terms and conditions by ticking in the box.
- Click on “Register”.

You will now be directed to the OnE Connected log in page.

- Log in with your e-mail ID and the set password.

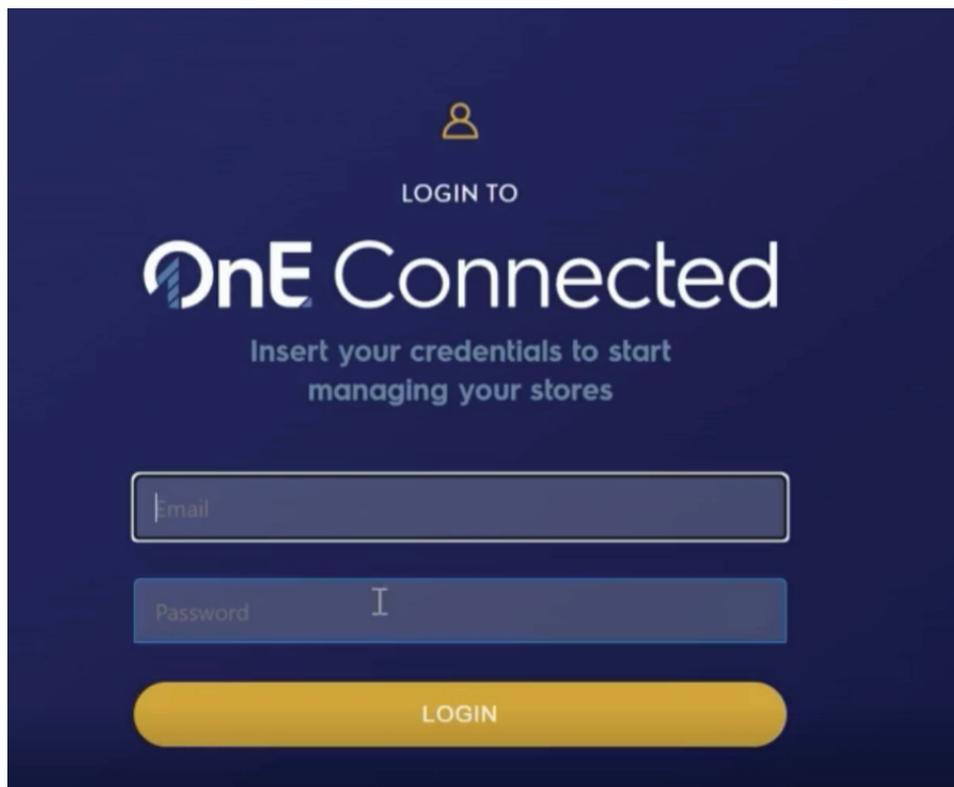


fig.X03164

- Next time you shall log in you can use the URL-address: <https://oneconnected.epr-apps.com>

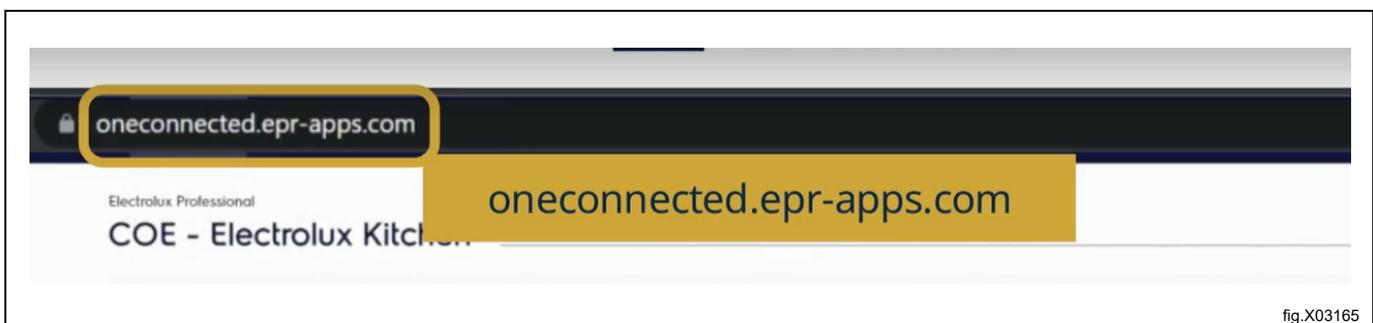


fig.X03165

5.1.2 How to log in as an internal user

Here the definition of “internal user” is a user that already have an Electrolux Professional account and use this account to login on his laptop.

Thanks to this login and the Single-Sign-On feature, the OnE Connected platform is able to authenticate this user without asking for a new password.

Make sure you have got an invitation to OnE Connected platform in your e-mail.

- Open the e-mail and click on the provided link.
- You will now be directed to the OnE Connected platform.
- Select location from the list on the screen.
- Next time you shall log in you can use the URL-address: **<https://oneconnected.epr-apps.com/epr>**

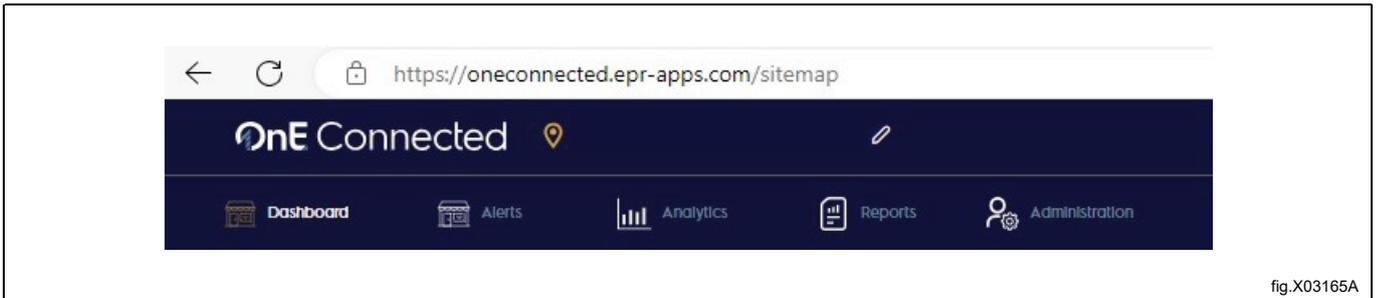


fig.X03165A

5.2 Administration

5.2.1 Organization tree

The organization tree is a logical representation of the organization hierarchy, with suppliers (dealer, distributor or service partners), customers, groups and sites.

The tree creation is controlled by a hierarchy that defines which type of level you can add, based on the level where you are.

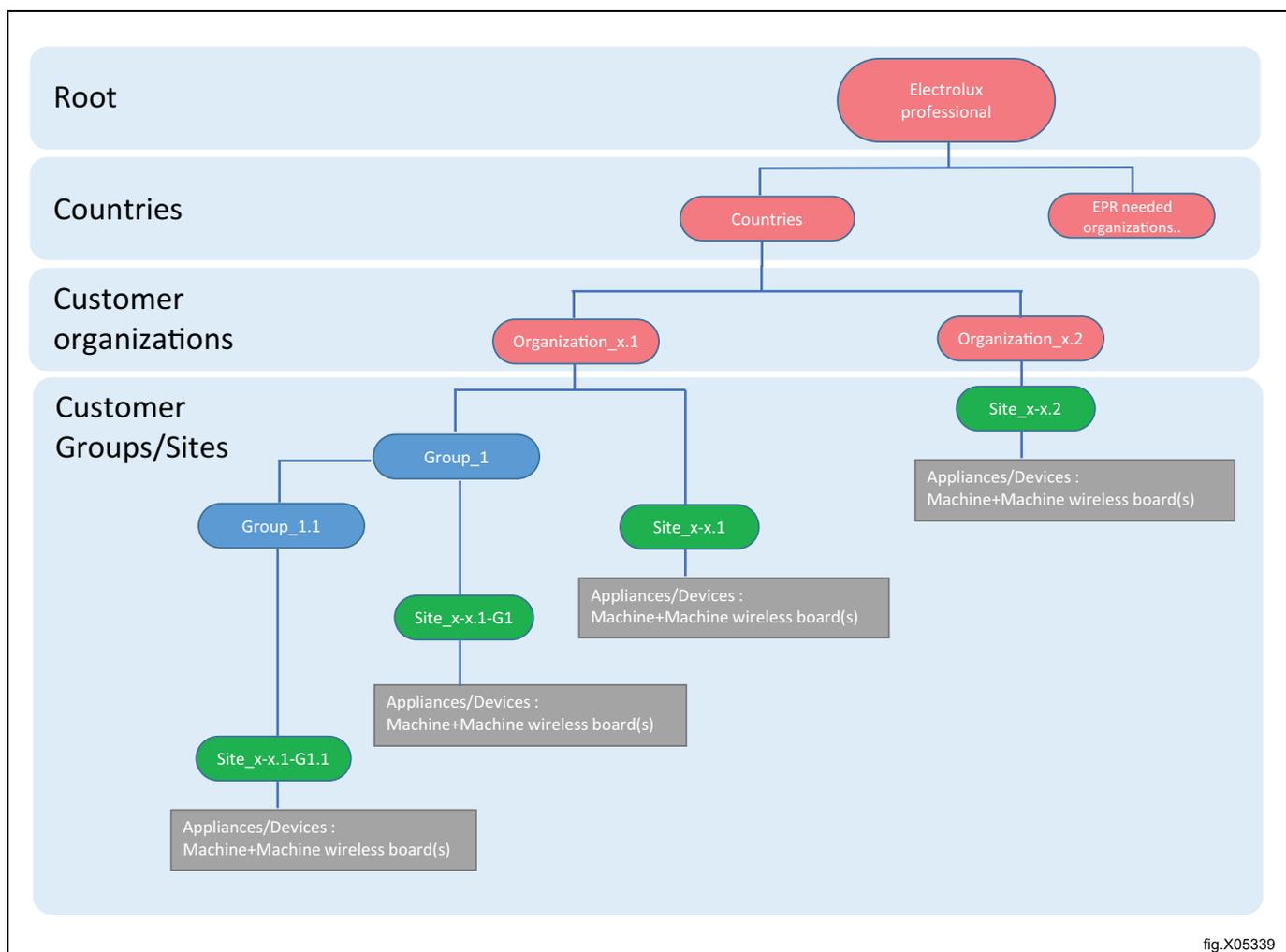
Rules for tree creation

1. The root is Electrolux Professional and this is fixed by the administrator.
2. The first level of organizations refer to a specific country or to EPR needs.
3. The second level of organizations contains the customers organization.
4. The third level of organizations contains customer groups or sites.

Under Group, if you want to create another level, you can only add other Groups or Sites (not Organizations). Appliances cannot be provisioned to groups.

The Appliances/Devices can only be added to Site.

The following illustration shows an example of an organization tree:



Creation of the Organization is the first step of creating the organization tree.

The process to create the Organization is explained in the section: Create and manage the Organization. The organization tree is created after creating the Organization.

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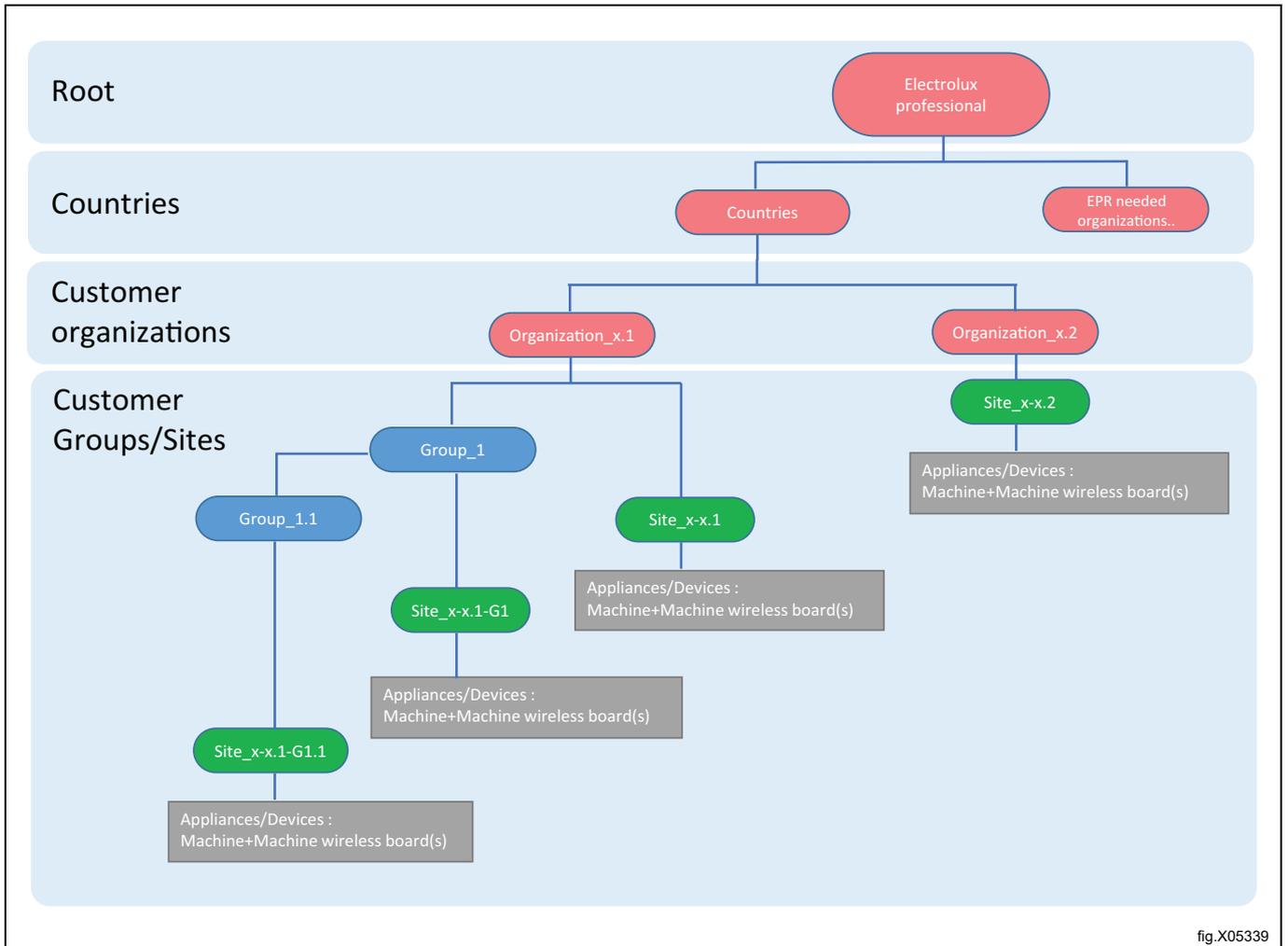


fig.X05339

Creation of the Organization is the first step of creating the organization tree.

The process to create the Organization is explained in the section: Create and manage the Organization. The organization tree is created after creating the Organization.

5.2.1.1 Create and manage the Organization

To create an Organization, you must have permission to create and manage the organization tree in that Organization.

When you shall add a new Organization, you must do the following steps:

- Click on the Organization you want to create a sub organization under (1).
- Click on the Organization tree in the Administration tab (2).
- Click on the 3 dots and click on "Add new level". (You will be redirected to the "Create new" page) (3).

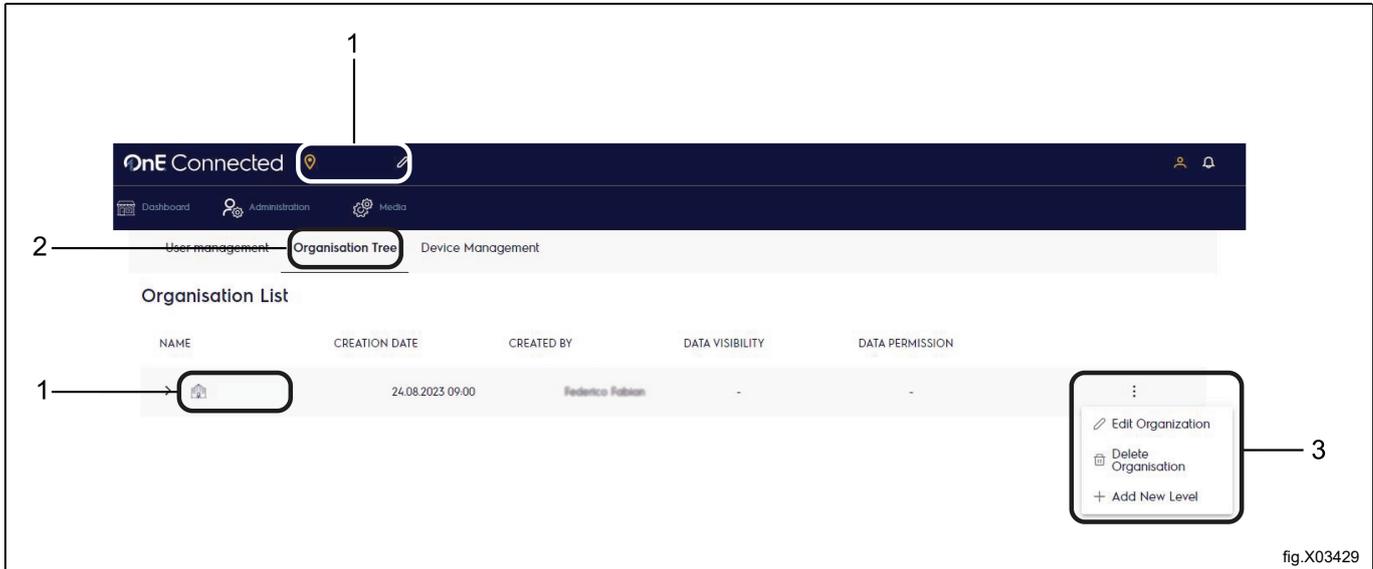


fig.X03429

- In the type drop-down, click on "Organization" (4).
- Continue to fill in the fields and note that the mandatory fields marked with "*" must be filled in (5).
- Click on "Save and add level" (6).

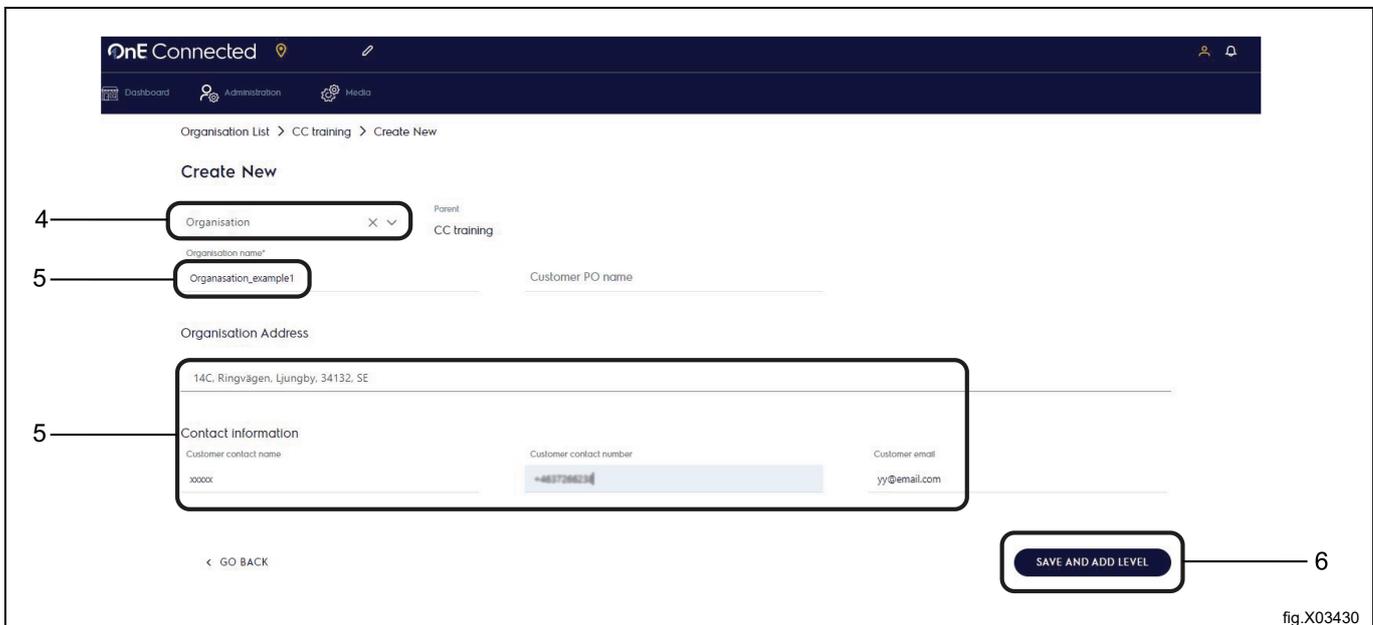


fig.X03430

- The created Organization can be edited, deleted or added a new level by clicking at the 3 dots in the Administration/Organization tab.

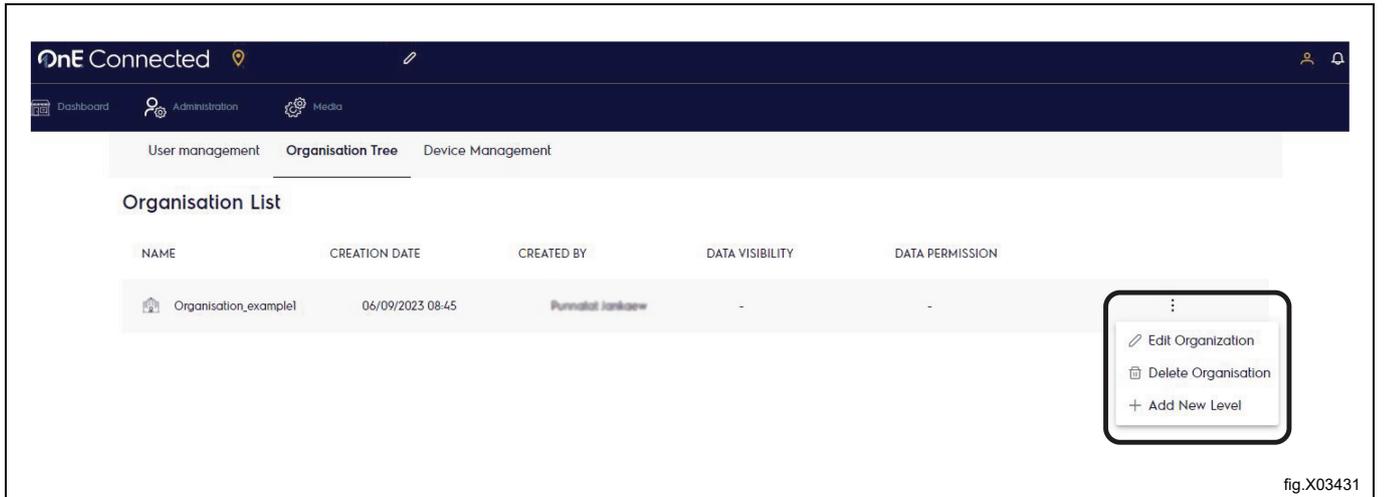


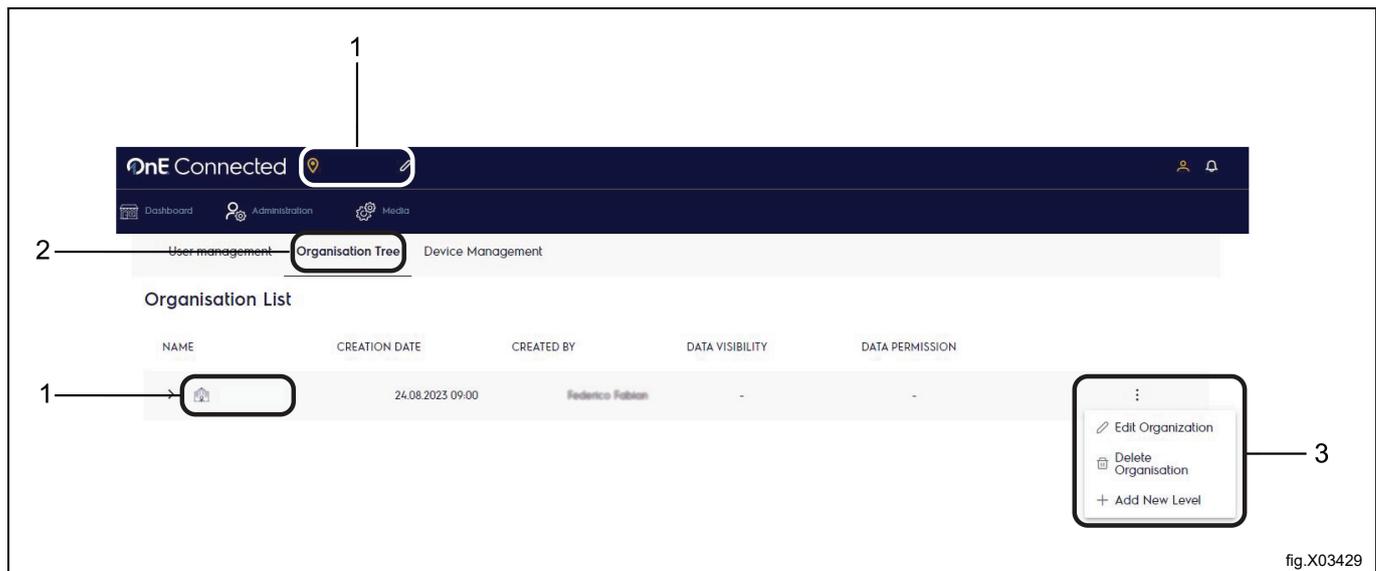
fig.X03431

5.2.1.2 Create and manage the Group

Groups are sub-levels associated with the parent group and can be used by customers who wish to build a hierarchy system. They are an optional entity in the organization tree. Any number of groups can be added to an organization. A Group can be associated only to 1 Organization or Group. When you add a Group, you are required to fill in some information. To see a list of all attributes associated with "Group". Once the Group is created, you should be able to view and edit the group information or delete the Group at anytime. Groups can for example be; name of countries, regions, cities, etc.

To create a Group, you must have the permission to create and manage the organization tree in that Organization. When you shall add a new Group, you must do the following steps:

- Click on the Organization you want to create a Group under (1).
- Click on the Organization tree in the Administration tab (2).
- Click on the 3 dots and click on "Add new level". (You will be redirected to the "Create new" page) (3).



- In the type drop-down, click on "Group" (4).
- Continue to fill in the fields and note that the mandatory fields marked with "*" must be filled in (5).
- Click on "Save and add level" (6).



- The created Group can be deleted or added a new level by clicking at the 3 dots in the Administration/Organiza-tion tab.

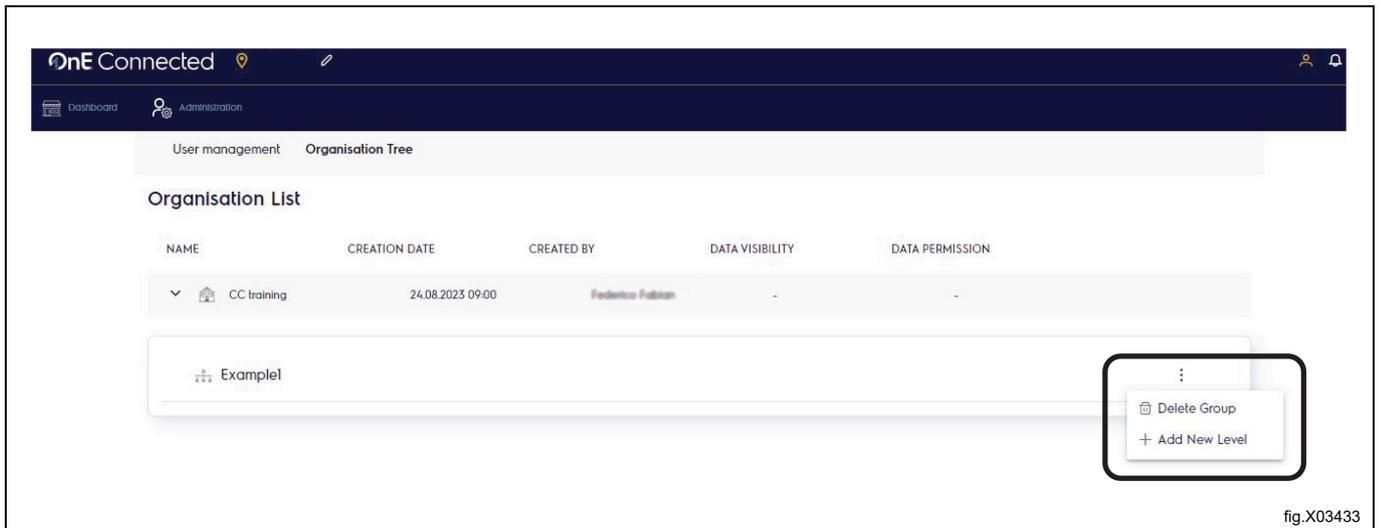


fig.X03433

5.2.1.3 Create and manage the Site

A Site can be added under a Group or under an Organization tree.

The devices can only be added to the site.

When you shall add a new Site, you must do the following steps:

1. Click on the Organization you want to create a Site under.
2. Click on the Organization tree in the Administration tab.
3. Click on the 3 dots and click on "Add new level". (You will be redirected to the "Create new" page).

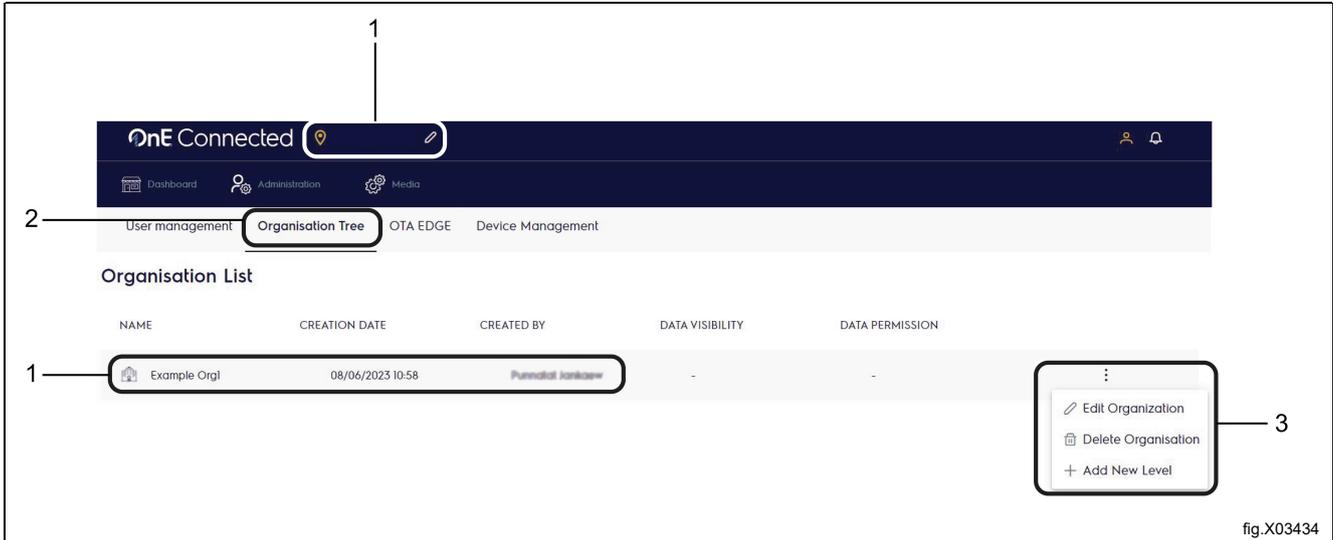


fig.X03434

4. In the first drop-down menu, select "Site" and then select the "Laundry site" type.
5. In the Installation type, select the "Wireless installation".
6. In the Laundry type, select the "On Premises Laundry" type.
7. Continue to fill in the fields and note that the mandatory fields marked with "*" must be filled in.

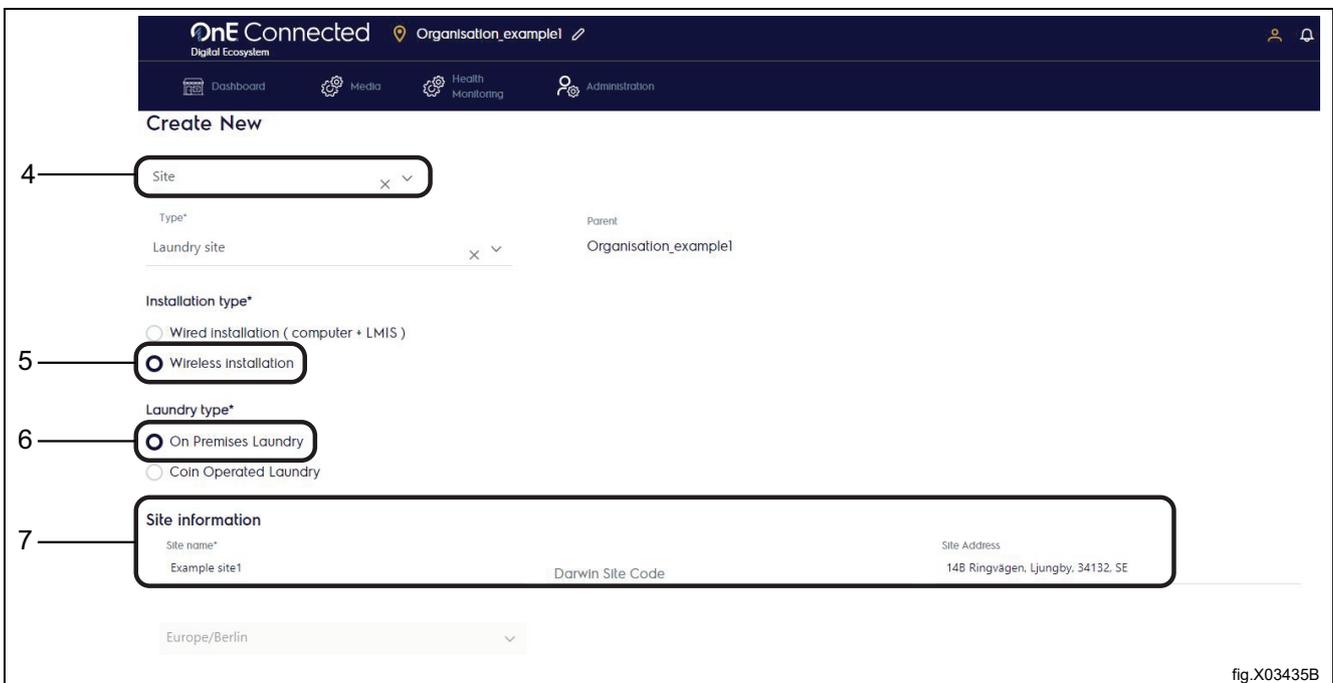


fig.X03435B

8. Regarding the "Alert Notifications", for each site, you can configure whether you would like to receive email notifications when there is an alarm or not. If enabled, the system will send an email to the configured email IDs every time there is an alarm that meets the rules.
There will be some rules defined to understand which alarms should send out email notifications and when it should be sent.
9. Regarding the "Business hours", select or fill in a customized business or open hours.

Note!

It is not possible to mark “Open 24h” / “Closed” and then fill in a customize business time. If a customize business time is to be set, those boxes need to be kept unmarked.

10. Click on “CREATE”.

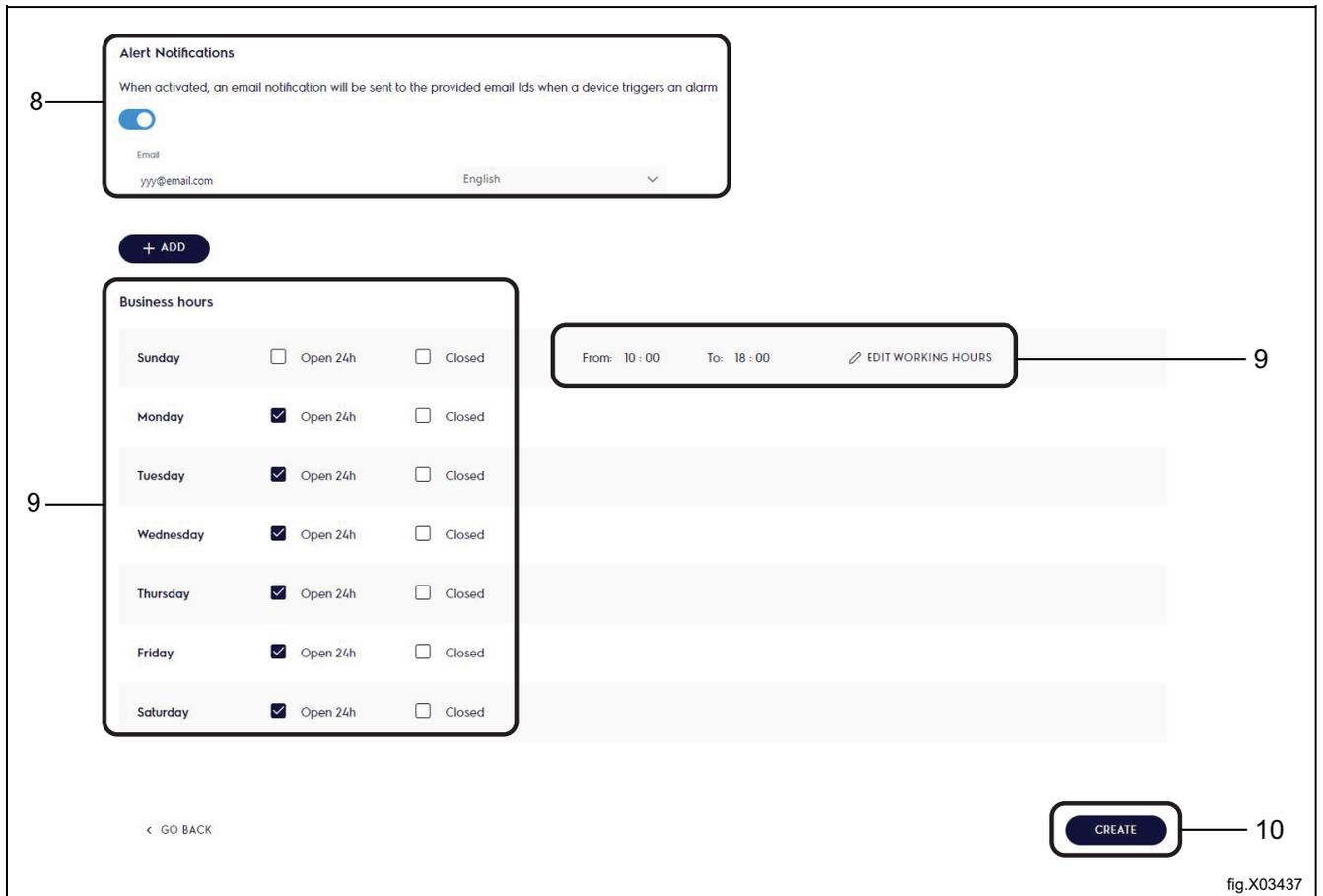


fig.X03437

The created Site can be edited or deleted by clicking at the 3 dots in the Administration/Organization tab (11).

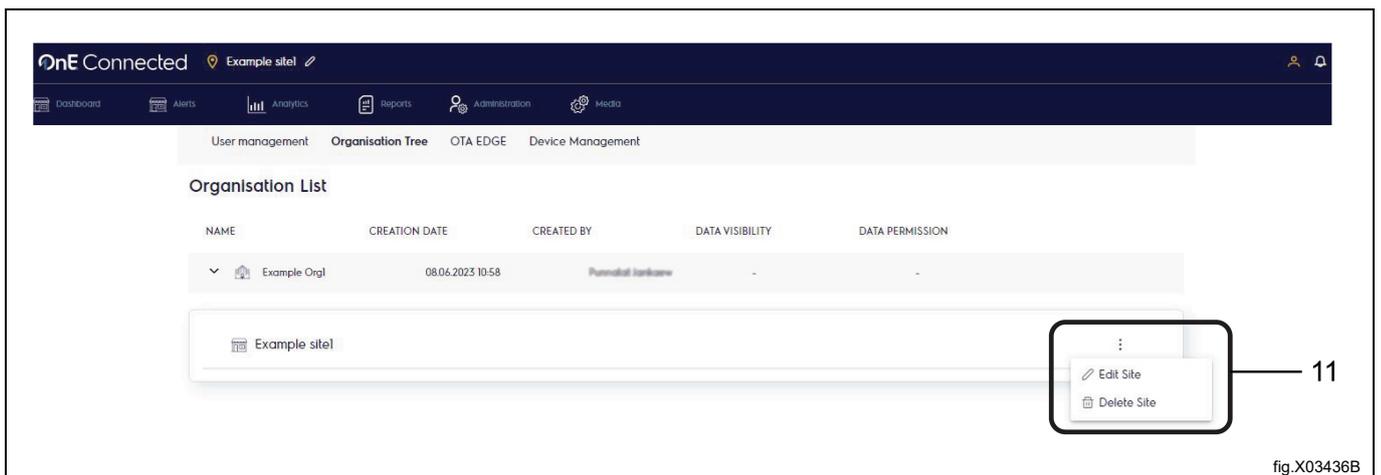


fig.X03436B

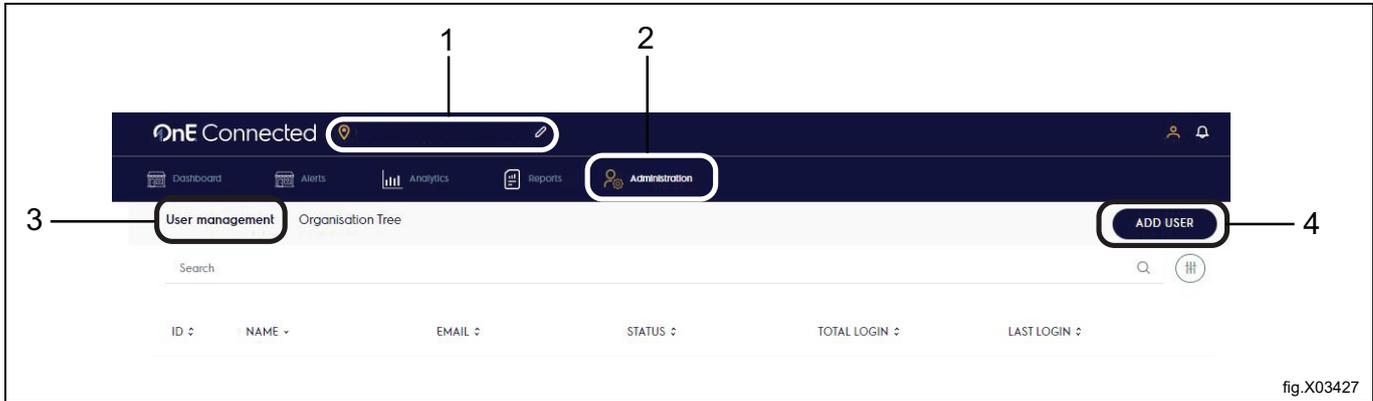
5.2.2 Invitation process / add a new user

Make sure you have opened the OnE Connected platform.

Click on the location icon and choose a location where the new user should be added to (1).

- Click on the Administration tab (2).
- Click on the User management tab (3).
- Click on “ADD USER” to start the invitation process (4).

The following illustrations in the following instructions are just examples.



- Fill in the fields and note that the mandatory fields marked with “*” must be filled in. It is also possible to select in which language the invitation shall be send.
- If the user shall have more than one role you can simply add more by clicking Add role and select from the drop down list. (For more information about the roles, please refer to the section: “User roles and portal features”).
- When ready, click on “SEND INVITATION”.

fig.X03163A

- The invitation to OnE Connected platform has now been send to the specified user who will receive an automatic e-mail and can log in to your system.

6 Header navigation

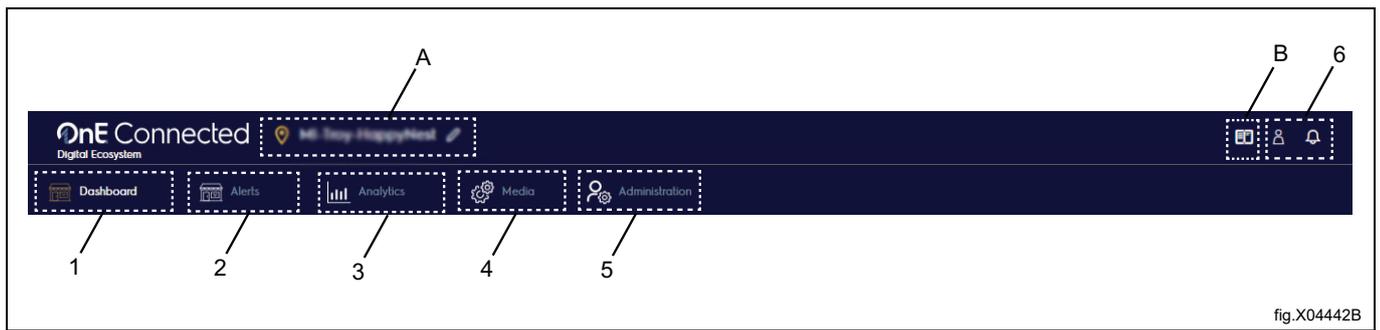


fig.X04442B

The header contains the following tabs:

1. Dashboard

The “Dashboard” tab is the main page showing the site overview.

Also editing machine map, provisioning, adding more devices and editing appliances can be managed here.

2. Alerts

Get information about alerts, hygiene issues and errors for the selected site.

3. Analytics

Graphics and logs of representing activity, productivity and efficiency of the laundry.

4. Media

Training area for user to learn how to use OnE Connected.

5. Administration

Manage OnE Connected portal profiles / accesses, organization and sites setting, Device, Payment, Machine command and control.

6. User profile, Setting & Notifications

User settings (Languages, date and time formats, time zone, measurement unit system) and notification area.

Note!

Select time zone according the site location.

Recommend to enable "Synchronize with site time zone" (Z).

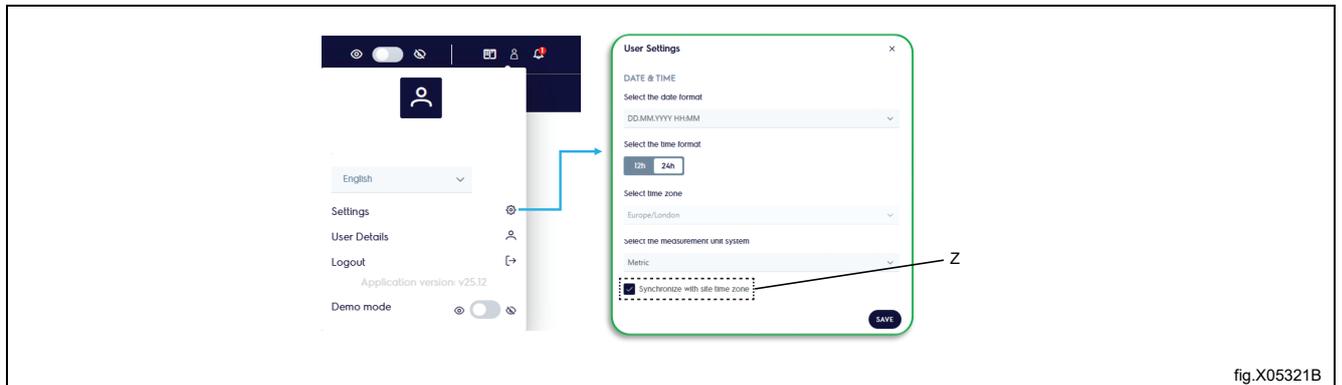


fig.X05321B

A = Site selection (The selected laundry is displayed here).

B = Documentation and manuals download (Search by PNC to find the manuals that you need).

- Click and select a language for the downloaded manuals (C1).
- Fill in the appliance's PNC of the needed manual (C2).
- Click "SEARCH" to find the manuals (C3).
- Click on the download icon to get the manual (C4).

The screenshot shows a web interface for searching user manuals. At the top left, the heading 'User manuals' is followed by the instruction 'Search by PNC to find the manuals that you need.' Below this is a search form with a 'PNC' input field containing '9867720324' and a 'SEARCH' button. A 'LANGUAGE' dropdown menu is set to 'ENGLISH (US)'. Below the search form is a table of results with columns for NAME, DESCRIPTION, FILE FORMAT, and LANGUAGE. The first row shows a PDF manual for WED720-WED785. Callout C1 points to the 'LANGUAGE' dropdown, C2 points to the PNC input field, C3 points to the 'SEARCH' button, and C4 points to the download icon in the first row of the table.

NAME	DESCRIPTION	FILE FORMAT	LANGUAGE
ELS/IN/IN_WED720_WED725_WED730_WED745_WED765_WED785_Wascomat_438917560_US.pdf	WED720-WED785	Pdf	en-US
ELS/OM/OM_WED720_WED725_WED730_WED745_WED765_WED785_Compass...	WED720-WED785	Pdf	en-US

fig.X05321A

Note!

The illustrations in the following instructions in this manual are examples only as your view may vary depending on location.

6.1 Dashboard

The dashboard contains the following:

1. Site overview representing the selected laundry site and its connected devices.
All connected machines are displayed here.
2. Current availability — Local time, available, busy, out of service.
Current local time at site and machine status summary.
3. Edit mode of the site overview.
Editing machine map, provisioning, adding more devices and editing appliances can be managed in this menu.

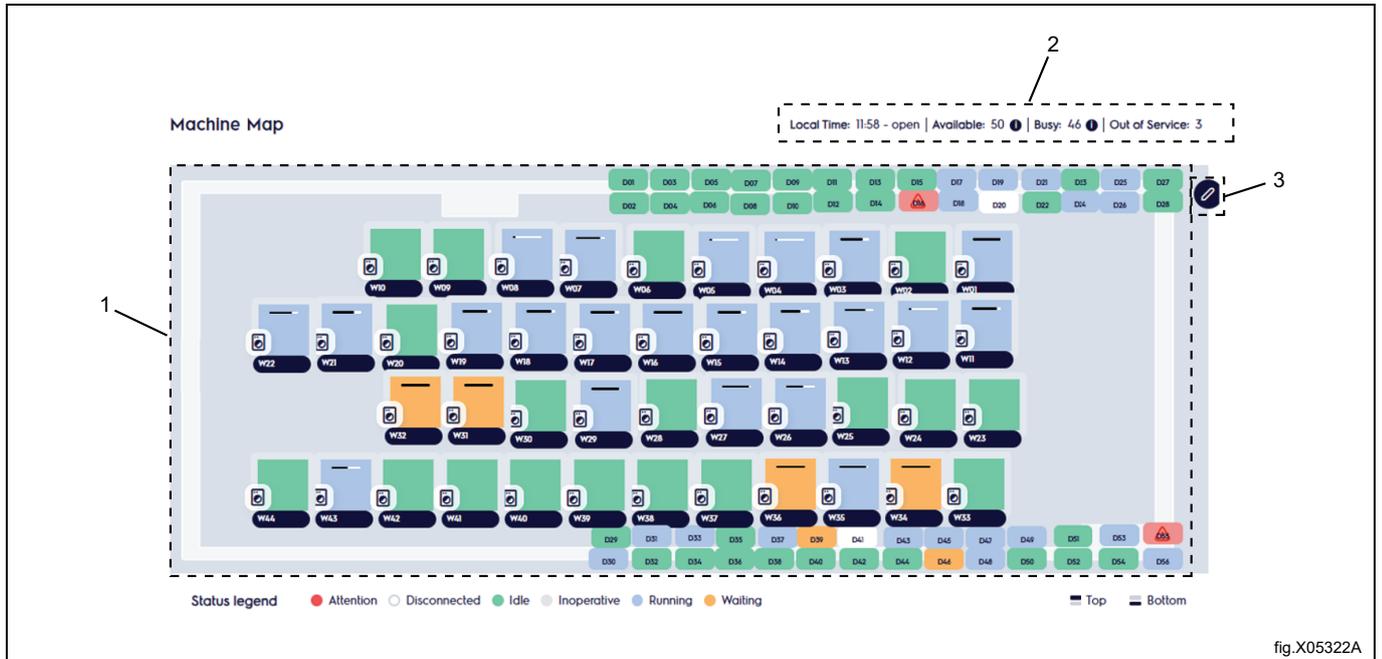


fig.X05322A

6.1.1 Site overview

1. Cycle progress bar
2. Machine type icon
3. Machine friendly ID
4. Mouse over a machine to see the summary of the actual status.
5. Current status pop up.
6. Status legend are as follows:
 - **Attention:** Possible error on the machine
 - **Disconnected:** No connection between machine and cloud
 - **Idle:** Machine in idle
 - **Running:** Program running
 - **Waiting:** Waiting action from the operator
7. Identifier for stacked machines.

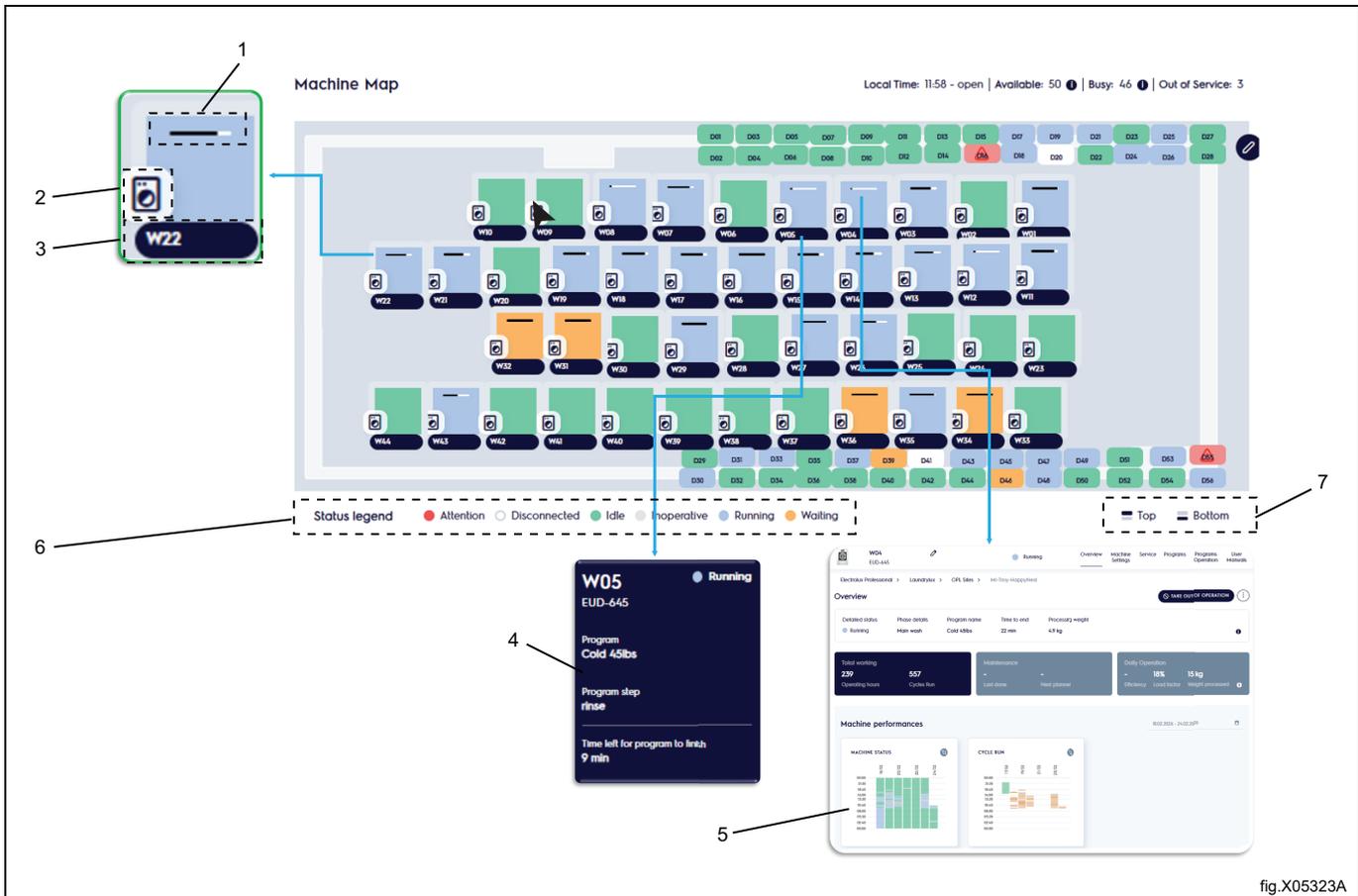


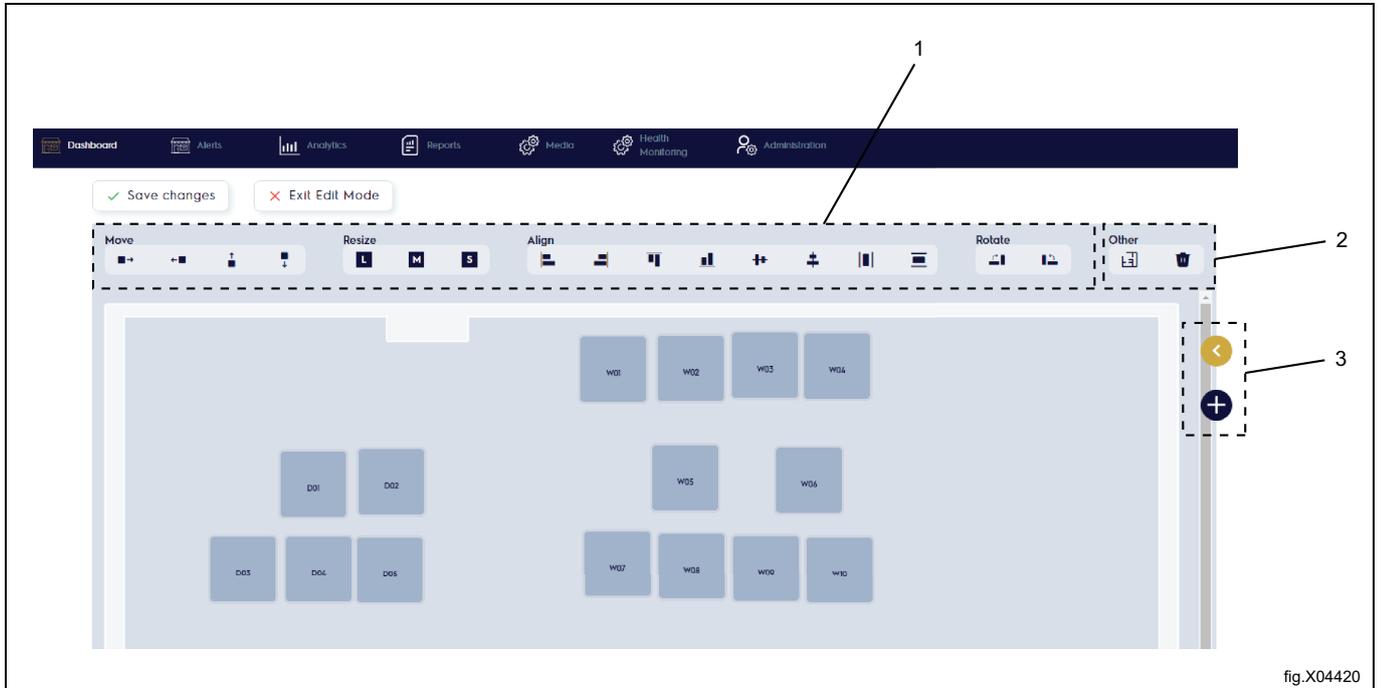
fig.X05323A

6.1.1.1 Dashboard edit mode

From the Dashboard / Site overview, click on the “Pen” icon.

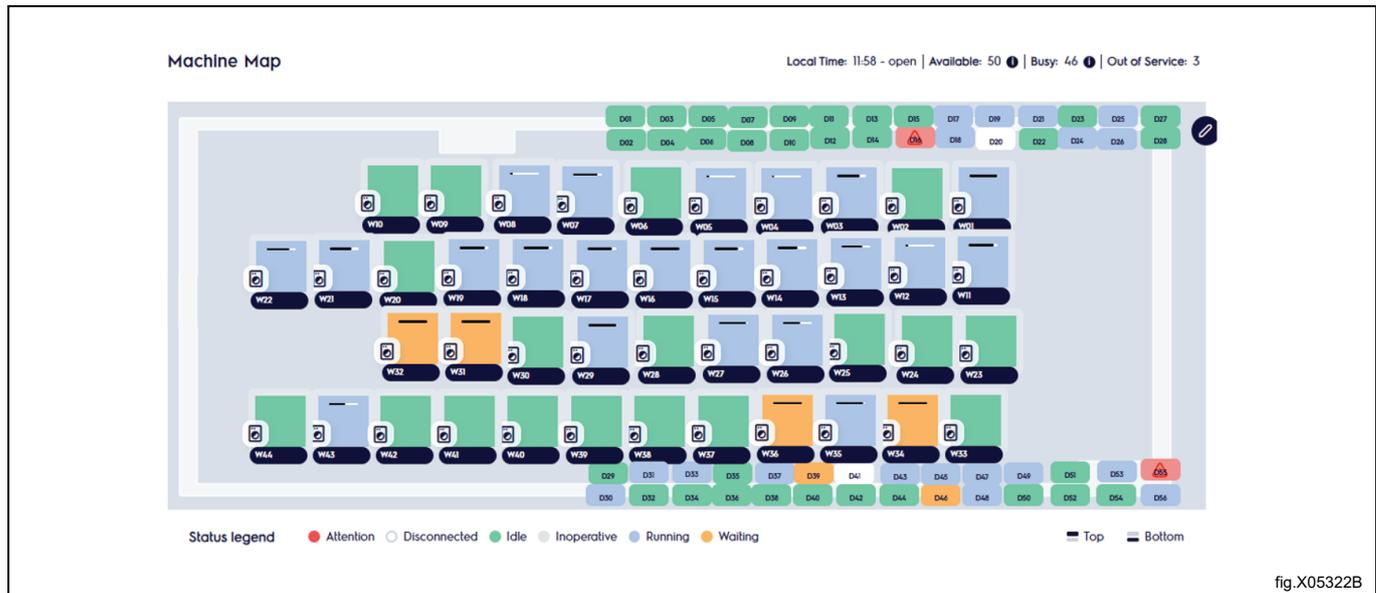
Use the following tools to customize the laundry view:

1. Tools to organize each machine on the layout.
2. Customize the background. Possibility to download a picture.
3. Tools to add / modify machines (appliances).



6.1.2 Machine overview

When clicking on each of the available machines in the laundry, it will take you to the Machine “Overview” page.



In “Machine status” there is further information regarding the machine:

1. Zoom in a specific time period
2. Select a specific date period
3. Original global view
4. Mouse over a cycle to get more details
5. Total time in each status during the selected date period

- **Attention**
Possible error on the machine
- **Disconnected**
No connection between machine and cloud
- **Idle**
Machine in idle
- **Running**
Program running
- **Waiting**

Waiting action from the operator. (Cycle has completed, waiting for removal of contents etc).

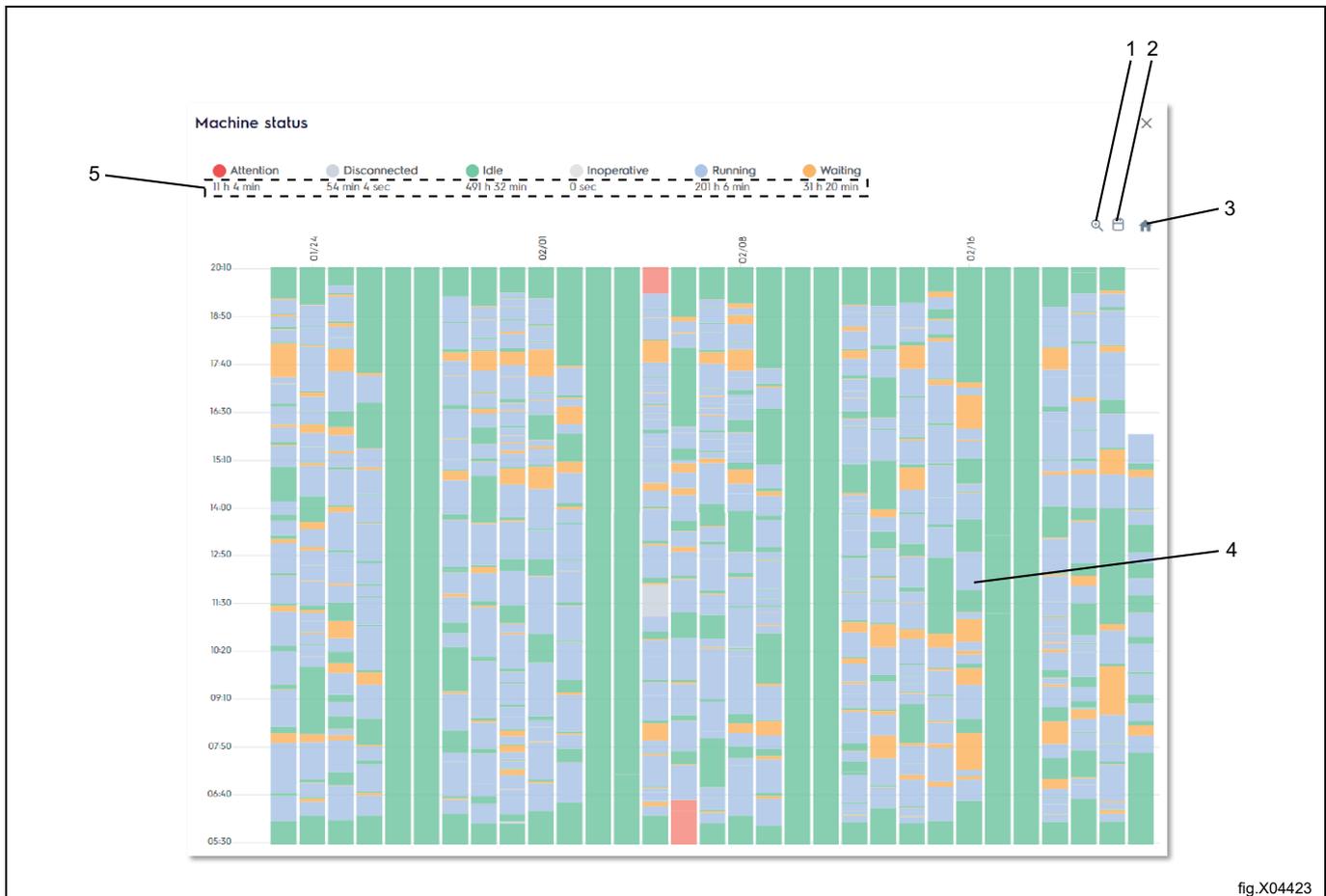


fig.X04423

In “Cycle run” there is further information regarding the machine:

1. Zoom in a specific time period
2. Select a specific date period
3. Original global view
4. Mouse over a cycle to get more details
5. Total cycle proceed for each program during the selected date period

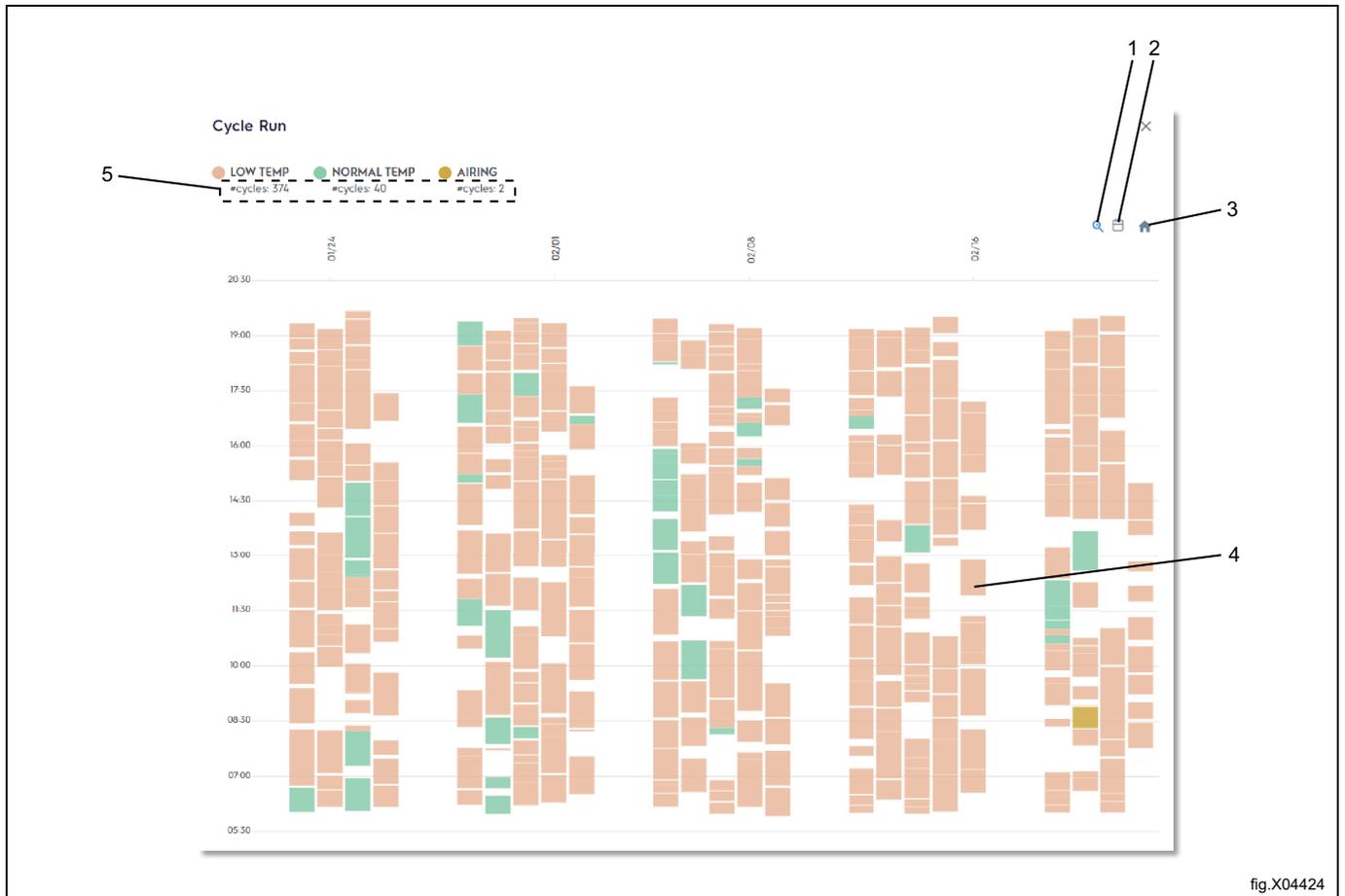


fig.X04424

In “Cycle log” there is further information regarding the cycle:

1. Filter on a specific period and rank consumptions (increasing / descending)
2. Download table
3. Detail of cycle (click on each log to see more details)
4. Search a specific equipment, cycle or Batch ID
5. Select how many items per page that shall be shown

The screenshot displays the 'Cycle log' page for machine W06_EUD630. The page includes a navigation menu with options like Overview, Cycle log, Machine Settings, Service, Programs, Programs Operation, and User Manuals. Below the navigation, there are breadcrumb links: Electrolux Professional > Laundrylux > OPL Sites >. The main heading is 'Cycle log'. A search bar is located below the heading, with a search icon and a filter icon. A table of cycle logs is displayed below the search bar. The table has the following columns: PROGRAM • BATCH, START TIME, END TIME, DURATION, WEIGHT, LOAD FACTOR, and CONSUMPTION. The table contains 10 rows of data. At the bottom of the table, there is a pagination control with 'PREVIOUS', '1', '2', '3', '4', '5', and 'NEXT' buttons. To the right of the pagination control is an 'ITEMS PER PAGE' dropdown menu set to '10'. Annotations 1 through 6 point to specific UI elements: 1 points to the search and filter icons; 2 points to the download icon; 3 points to a row in the table; 4 points to the search input field; 5 points to the 'ITEMS PER PAGE' dropdown menu; 6 points to the search input field.

PROGRAM • BATCH	START TIME	END TIME	DURATION	WEIGHT	LOAD FACTOR	CONSUMPTION
RINSE & EXTRACT 0054	25.02.2026 13:51	25.02.2026 14:07	16 min 8 sec	14 kg	100%	0 kWh 86.71
Cold 30lbs 0053	25.02.2026 13:19	25.02.2026 13:51	31 min 22 sec	3.3 kg	23.57%	0.1 kWh 107.51
Cold 30lbs 0052	25.02.2026 12:25	25.02.2026 12:55	30 min 5 sec	4 kg	28.57%	0.1 kWh 0.1
Warm 30lbs 0051	25.02.2026 11:55	25.02.2026 12:22	27 min 19 sec	3.6 kg	25.71%	0 kWh 0.1
Hot 30lbs 0050	25.02.2026 11:24	25.02.2026 11:53	28 min 34 sec	7.7 kg	56%	0 kWh 0.1
Cold 30lbs 0049	25.02.2026 10:51	25.02.2026 11:09	38 min 51 sec	8.1 kg	57.86%	0 kWh 0.1
Cold 30lbs 0048	25.02.2026 10:01	25.02.2026 10:29	27 min 51 sec	5.2 kg	37.14%	0 kWh 0.1
Hot 30lbs 0047	25.02.2026 09:27	25.02.2026 09:57	29 min 40 sec	3.5 kg	25%	0 kWh 0.1
Cold 30lbs 0046	25.02.2026 09:27	25.02.2026 09:27	48 sec	14 kg	100%	0 kWh 0.1

fig.X05328A

6.2 Alerts

Get further information about alerts, hygiene issues and errors for the selected site:

1. Filter machine type, name, alert status, alert type or period
2. Download list
3. Alert details, description and troubleshooting tips
4. Search a specific alert

The screenshot displays the 'Alerts & ticket history' section of the nE Connected interface. At the top, there is a navigation bar with 'Alerts' highlighted. Below it, a search bar (labeled 4) and a download icon (labeled 2) are visible. The main area contains a table of alerts. The first row shows an active hygiene issue for a washer. The second row shows an inactive service issue. The table is followed by a pagination bar showing 11 items out of 10.

ALERT ID	APPLIANCE	DATE	APPLIANCE TYPE	ALERT CODE & SEVERITY	ALERT TYPE & STATUS
5127231771877684894	W05_EUD645	23.02.2026 15:16	Washer	HYGIENE Issue HYGIENE	Quality issue ACTIVE
51272317718758954894	W05_EUD645	23.02.2026 14:44	Washer	HYGIENE Issue HYGIENE	Quality issue ACTIVE
51272317718739174894	W05_EUD645	23.02.2026 14:11	Washer	HYGIENE Issue HYGIENE	Quality issue ACTIVE
51272317718720374894	W05_EUD645	23.02.2026 13:40	Washer	HYGIENE Issue HYGIENE	Quality issue ACTIVE
51272317718718154894	W05_EUD645	23.02.2026 13:36	Washer	HYGIENE Issue HYGIENE	Quality issue ACTIVE
51272317720415732679	W05	25.02.2026 12:46	Washer	10-35 NEEDS SERVICE	Service issue INACTIVE
51272117720415722679	W04	25.02.2026 12:46	Washer	10-35 NEEDS SERVICE	Service issue INACTIVE
51271817720306152839	W03	25.02.2026 09:43	Washer	41-3 NEEDS SERVICE	Service issue INACTIVE
51271817716064722839	W03	20.02.2026 11:54	Washer	41-3 NEEDS SERVICE	Service issue INACTIVE
51271817715349402839	W03	19.02.2026 16:02	Washer	41-3 NEEDS SERVICE	Service issue INACTIVE

fig.X04476C

6.3 Analytics

Graphics and logs of representing activity, productivity, efficiency of the laundry.

1. For all machines on site, total cycles run since installation of OnE Connected
2. For all machines on site, total cycle of the actual day
3. Average efficiency of all machines compares usage / idle status:
Site capability (number of machines and opening time of the laundry) vs reality (usage of the machines)
4. Site load factor shows how the washer extractors are correctly loaded:
Averages the load factor of all washer extractors equipped with IS, IWS, and AS
5. Total operating hours of the laundry since installation of OnE Connected (all status except disconnected and standby status)
6. For washer extractors equipped with IS, IWS, and AS, total weight measured of the actual day



fig.X04431

6.3.1 Site performances

Site efficiency compares usage / idle status:

- Site capability (number of machines and opening time of the laundry) vs reality (usage of the machines).

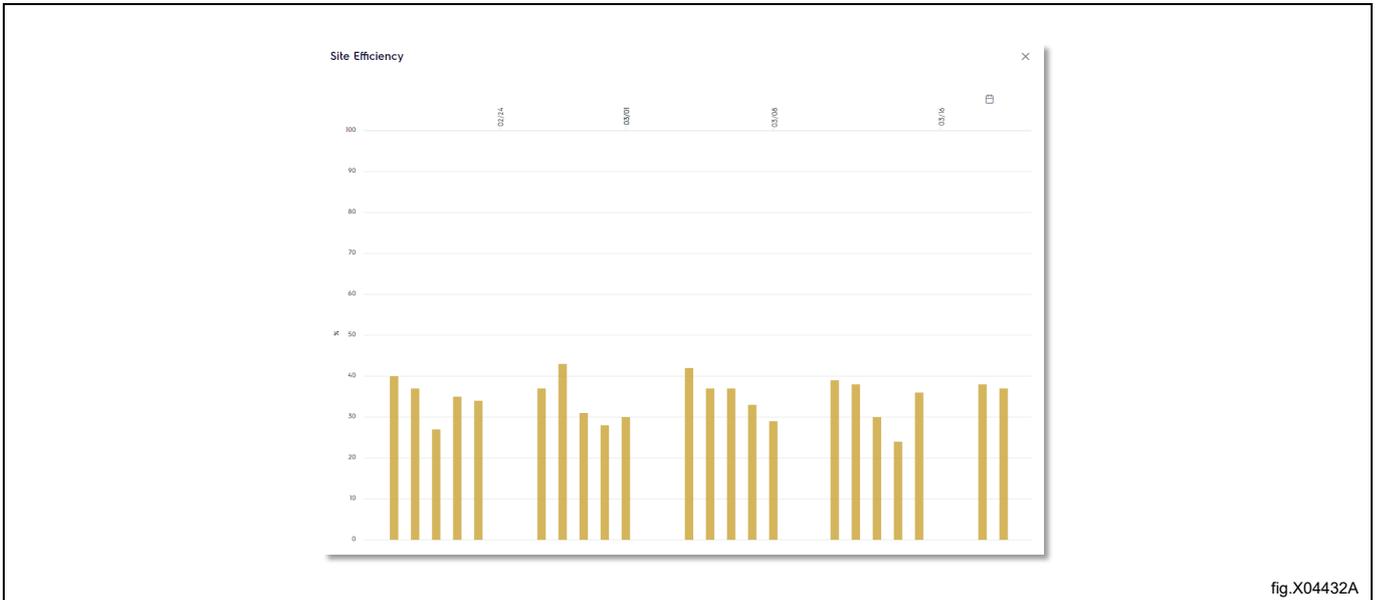


fig.X04432A

Site load factor shows how the washer extractors are correctly loaded:

- Averages the load factor of all washer extractors equipped with IS, IWS, and AS.

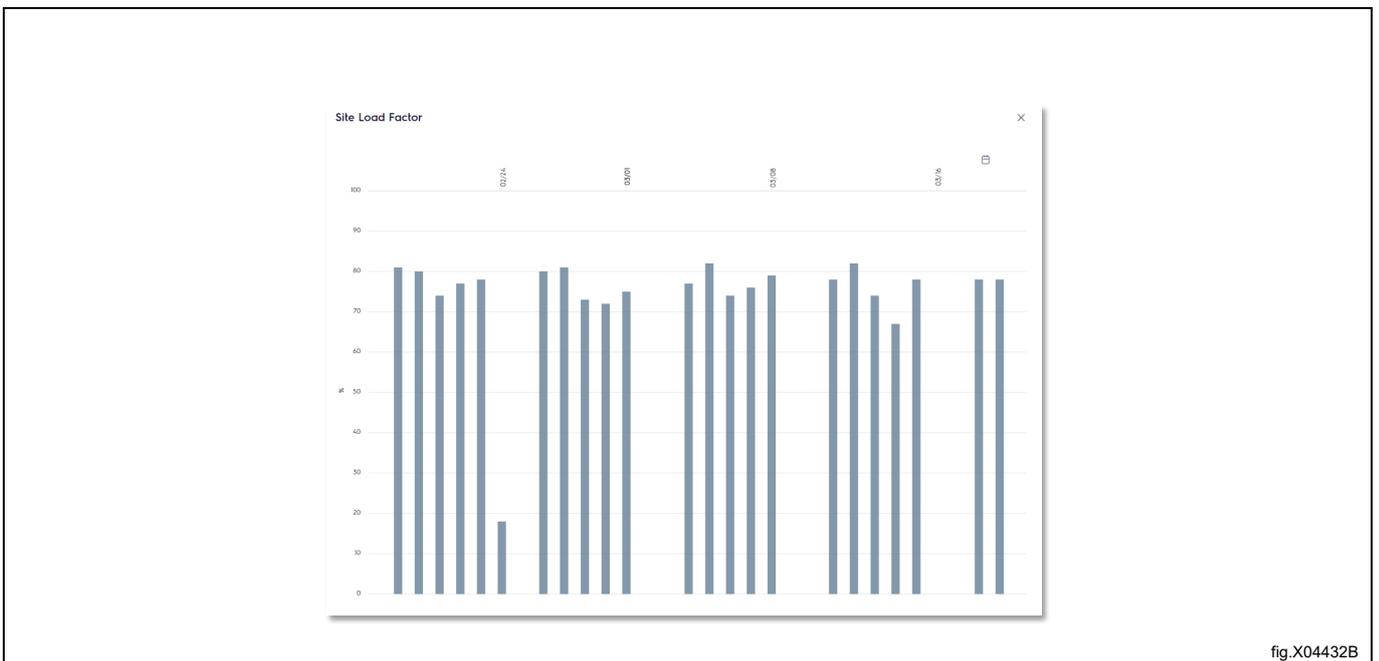


fig.X04432B

6.3.2 Cycle log

1. Load factor shows how the washer extractors are correctly loaded (washer extractors equipped with IS, IWS and AS)
2. Filter on a specific period performances, process validation etc.
3. Download table
4. Detail of cycle
5. Download cycle report
6. When hygiene validation is activated (in the machine settings), the process validation include the hygiene parameters as conditions to validate the cycle
7. Search a specific equipment, cycle or Batch ID
8. Sort table by clicking on the headers

NICKNAME PNCSN	PROGRAM NAME BATCH ID	START TIME END TIME	DURATION WEIGHT PROCESSED	LOAD FACTOR	PROCESS VALIDATION & HYGIENE	CONSUMPTION
D05 9873020219-6550000...	LOW 0053	03.19.2024 15:37 03.19.2024 16:44	1 h 6 min -	-	VALID VALID	⚡ -
D02 9872330048-6550000...	LOW TEMP 0225	03.19.2024 15:34 03.19.2024 15:52	18 min 38 sec -	-	VALID NOT ACTIVE	⚡ 4.4 kWh
D01 9873030033-6550000...	LOW TEMP 0039	03.19.2024 15:33 03.19.2024 15:46	13 min 2 sec -	-	VALID NOT ACTIVE	⚡ 4.5 kWh
W07 9868130186-0065300...	HYGIENE 70 0024	03.19.2024 15:29 03.19.2024 16:49	1 h 19 min 18.7 kg	57%	VALID NOT ACTIVE	⚡ 5.3 kWh 🚰 672.8 l 🚰 0 ml
W07 9868130186-0065300...	DELICATE 0023	03.19.2024 15:29 03.19.2024 15:29	22 sec 33 kg	100%	FAILED NOT ACTIVE	⚡ 0 kWh 🚰 0 l 🚰 0 ml
W02	COTTON 40	03.19.2024 15:28	1 h 0 min	VALID	⚡ 3.4 kWh

fig.X04436

6.4 Media

Training area for user to learn how to use OnE Connected.

Media Library

Search

The screenshot displays a 'Media Library' interface. At the top, there is a search bar with a magnifying glass icon. Below the search bar, seven video thumbnails are arranged in two rows. Each thumbnail includes a video preview, a duration, a title, an upload date, and a view count. The first row contains five thumbnails, and the second row contains two. The titles of the videos are: 'OnE Connected - Laundry site overview', 'OnE Connectec - Kitchen site overview', 'OnE Connected - How to provision a Laundry site...', 'OnE Connected - How to create an organization t...', and 'OnE Connected - How to login as external user I...'. The second row contains 'OnE Connected - How to login as internal user I...' and 'OnE Connectec - How to invite a new user | Elec...'. At the bottom right of the library, there is a pagination control showing '1' of '10' items.

Thumbnail	Duration	Title	Upload Date	Views
1	02:33	OnE Connected - Laundry site overview	Uploaded on 11.30.2023	17 views
2	02:11	OnE Connectec - Kitchen site overview	Uploaded on 11.30.2023	16 views
3	02:35	OnE Connected - How to provision a Laundry site...	Uploaded on 09.07.2023	57 views
4	04:04	OnE Connected - How to create an organization t...	Uploaded on 09.07.2023	35 views
5	01:13	OnE Connected - How to login as external user I...	Uploaded on 09.07.2023	46 views
6	48	OnE Connected - How to login as internal user I...	Uploaded on 09.07.2023	33 views
7	01:15	OnE Connectec - How to invite a new user Elec...	Uploaded on 09.07.2023	48 views

Navigation: << < 1 > >> 10 ▾

fig.X04438

6.5 Administration

Manage user profiles / accesses, organization and sites settings.

- The settings in this part are made to work together / collaborate with the payment app that is used by the customer in the laundry.
- Note that the customer must have downloaded the payment app in order to be able to use it.

6.5.1 User management

1. List of user authorized on this specific site
2. Site / multisite organization
3. IoT boards, machines, firmware management
4. User details: profile, site(s) authorization, approved by, modification and deletion
5. Reset password or delete user

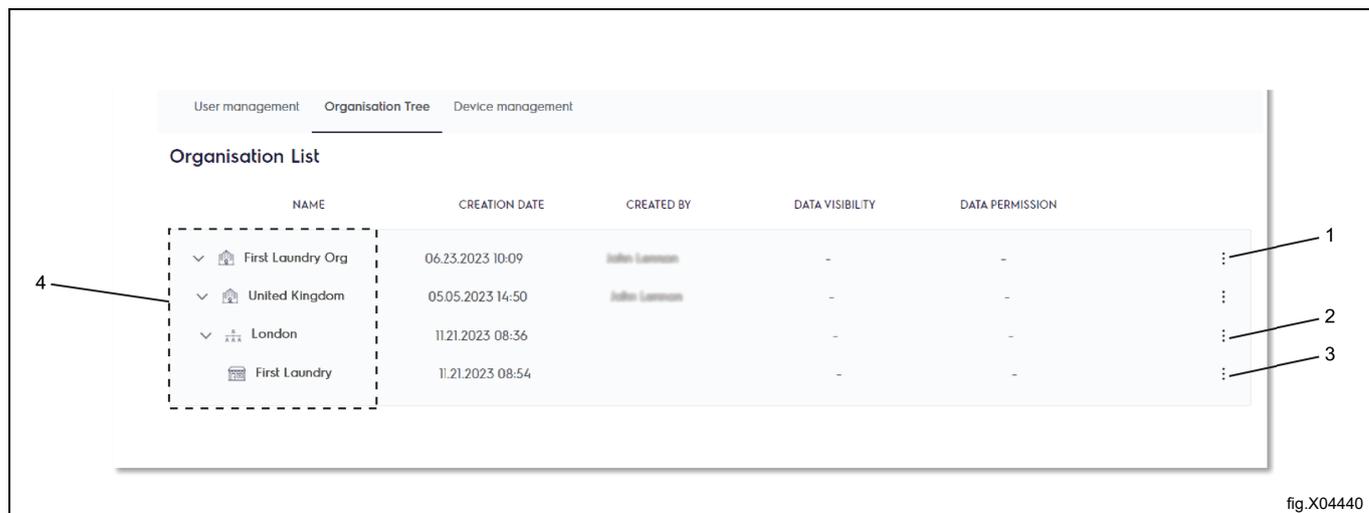
The screenshot displays the 'User management' interface. At the top, there are three navigation tabs: 'User management' (callout 1), 'Organisation Tree' (callout 2), and 'Device management' (callout 3). A search bar is located below the tabs. The main content is a table with the following columns: ID, NAME, EMAIL, STATUS, TOTAL LOGIN, and LAST LOGIN. The table lists four users. The first user, John Lennon, has a status of 'ACTIVE' and a last login of 'Wed Dec 27 2023 11:10'. The second user, Paul McCartney, has a status of 'INVITATION EXPIRED' and a last login of '-'. The third user, George Harrison, has a status of 'ACTIVE' and a last login of 'Mon Jan 22 2024 13:07'. The fourth user, Ringo Starr, has a status of 'ACTIVE' and a last login of 'Mon Mar 18 2024 21:28'. At the bottom right of the table, there are pagination controls showing page 1 of 10. Callout 4 points to the eye icon in the first row, and callout 5 points to the vertical ellipsis icon in the first row.

ID	NAME	EMAIL	STATUS	TOTAL LOGIN	LAST LOGIN	
1545	John Lennon	john.lennon@lga.com	ACTIVE	13	Wed Dec 27 2023 11:10	👁️ ⋮
3520	Paul McCartney	paul.mccartney@lga.com	INVITATION EXPIRED	0	-	👁️ ⋮
4234	George Harrison	george.harrison@lga.com	ACTIVE	1	Mon Jan 22 2024 13:07	👁️ ⋮
3462	Ringo Starr	ringo.starr@lga.com	ACTIVE	10	Mon Mar 18 2024 21:28	👁️ ⋮

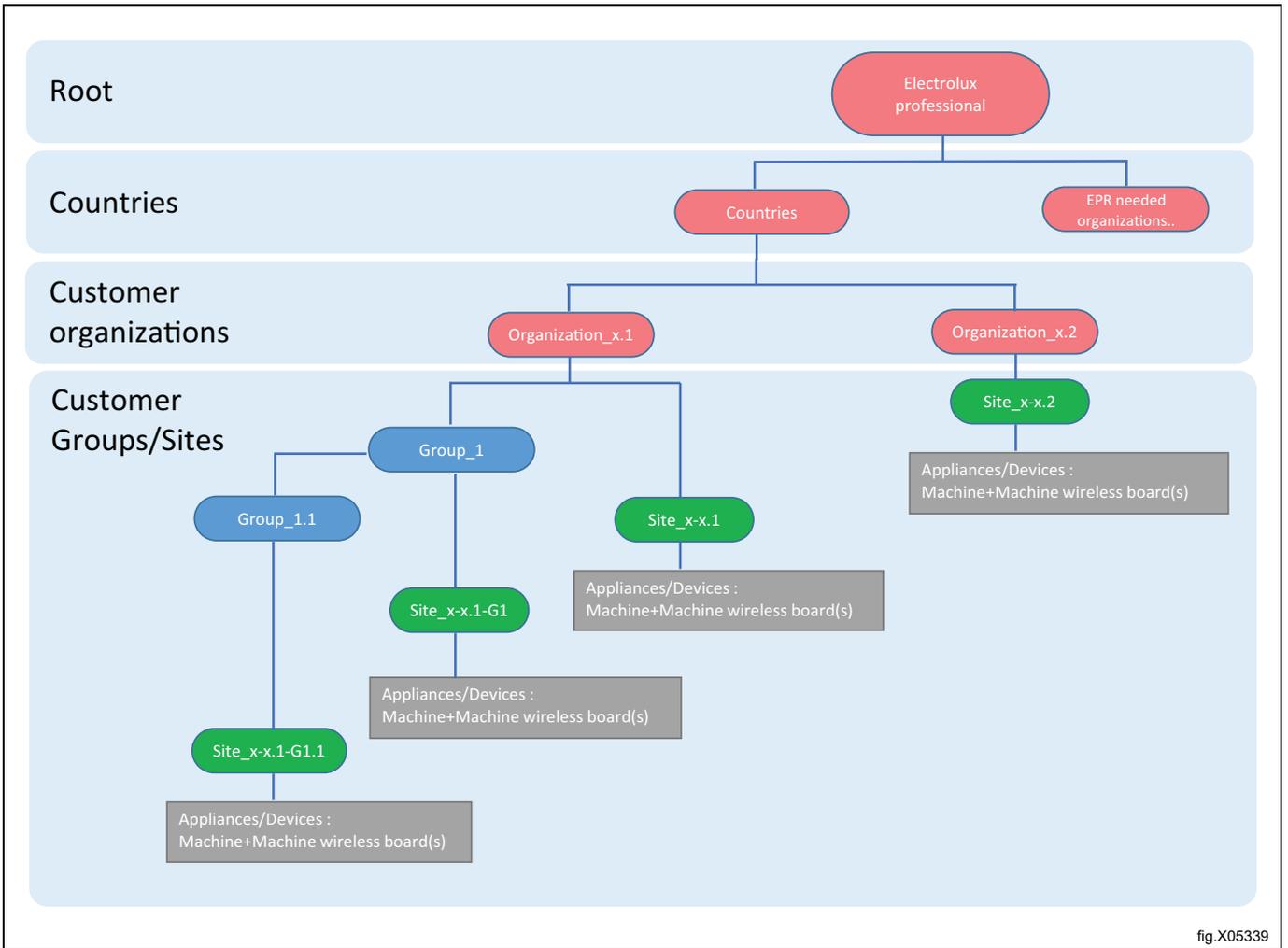
fig.X04439

6.5.2 Organization tree

1. Here it is possible to do the following:
 - Add new level
 - Edit organization: organization details, contact
 - Delete organization
2. Here it is possible to do the following:
 - Add new level.
 - Edit group: group details
 - Delete group
3. Here it is possible to do the following:
 - Edit site: site details, contact details, service partner details, opening time
 - Delete site
4. Levels of the organization



An organization can look like the following example:



6.5.2.1 Organization list

Here you set up all relevant data regarding the store like the address, business hours etc that will be shown in the payment app.

The payment app uses the address and the GPS of the phone to suggest nearby stores to the user. If the user is within 200 meters (656 feet) from the address of the store, the payment app will show a “pop up” asking the user if wanting to add the store. If no or wrong address is set this will not work.

Do the settings for each store:

- Click on the dots (1).
- Click on “Edit site” (2).

NAME	CREATION DATE	CREATED BY	DATA VISIBILITY	DATA PERMISSION
KL Office Coin ORG	14.01.2025 08:43	Nicolao Scardiffo	-	-
KL Office Coin	14.01.2025 08:46	-	-	-

fig.X04470A

- Fill in all the relevant data.
- Click on “Save” when ready.

Organisation List > KL Office Coin ORG > KL Office Coin > Location settings

Location settings

DELETED

Site information

Site name*
KL Office Coin

Parent*
KL Office Coin ORG

Site Address
31-1 Jalan Peringkat U1/35, Shah Alam, 40130 MY

Site creation date
14.01.2025 08:46

Friendly Name (max 8 chars)
KLOFFICE [- 2465]

Default App

Site Contact Details

Contact Person Name

Region

Contact Number

Contact E-mail Address

Service Partner Contact Details

Service Company Name

Service Contact Person Name

Service contact E-mail Address

fig.X04471

6.5.3 Device management

In the “Device management” you can monitor the IoT installation.

The screenshot displays the 'nE Connected Digital Ecosystem' interface. The top navigation bar includes 'Dashboard', 'Reports', 'Analytics', 'Media', 'Customers', and 'Administration'. The main menu has 'User management', 'Organization Tree', 'OTA Deployment Center', 'Device management', and 'Machine command and control'. The 'Device management' section is active, showing a search bar and an 'Unprovisioned' toggle. Below is a table of IoT devices.

MACHINE PNC:SN	TYPE	DEVICE PNC:SN	CERTIFICATE ID	STATUS	STATUS DETAIL	CONNECTION SIGNAL (DBM)	FW VERSION	LOCATION
-	Machine Wireless ...	432689401-230803...	512ef06b-8095-47f...	Connected	since: 04.02.2026	-74	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	c1c9c5a1-c07a-41f...	Connected	since: 04.02.2026	-75	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	cfa7232b-d7b6-43...	Connected	since: 04.02.2026	-60	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	8ec86bd7-04c2-4...	Connected	since: 04.02.2026	-70	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	7ebd2359-c0ff-4a1...	Connected	since: 04.02.2026	-82	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	4ebc730b-92dc-4...	Connected	since: 27.01.2026	-69	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	d7e77866-5601-4e...	Connected	since: 27.01.2026	-76	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-240620...	d1f7d58f-5e78-463...	Connected	since: 04.02.2026	-70	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-2411280...	3c2623de-0992-4...	Connected	since: 04.02.2026	-63	2.1.1	Electrolux Professi...
-	Machine Wireless ...	432689401-2411280...	578d0ab6-a2d4-4...	Connected	since: 28.01.2026	-61	2.1.1	Electrolux Professi...

fig.X04441A

6.5.4 Machine command and control

In this menu you can view all machines that are listed in the selected site, status of all machines and update monitoring details.

You can also use this menu to reach each machine overview, machine settings, program settings, service and user manuals etc.

- Click on "Administration" (1).
- Click on "Machine command and control" (2).

The following illustration is shown as an example:

- All machines in the selected site are shown in the list: when **"All machines"** is selected.
- All update logs are shown in the list: when **"Update monitoring"** is selected.

The screenshot displays the 'One Connected Digital Ecosystem' interface. At the top, a navigation bar includes 'Administration' (1) and 'Machine command and control' (2). Below the navigation bar, a message states: 'One Connected will be due for planned maintenance, on Monday, 01/12/2025 17:00. During the update, the system may be down between Monday, 01/12/2025 17:00 and Monday, 01/12/2025 18:00. x'. The main content area is titled 'Machine command and control' and features a search bar. Underneath, there are two tabs: 'All machines' and 'Update monitoring'. The 'All machines' tab is selected, showing a list of machines with columns for MODEL, MACHINE, and STATUS. The status column shows counts for READY, BUSY, and CRITICAL. Below this, the 'Update monitoring' tab is selected, showing a table of update logs with columns for JOB ID, MACHINES, SUBJECT, STATUS, STARTING, ENDING TIME, and TRIGGERED BY. The table contains four rows of update logs, all with a status of 'Completed with success'.

JOB ID	MACHINES	SUBJECT	STATUS	STARTING	ENDING TIME	TRIGGERED BY
9551	1	PROGRAM RESYNC	Completed with success	28.11.2025 00:51	28.11.2025 00:51	Jankaew Punnatol
9550	1	PROGRAM RESYNC	Completed with success	28.11.2025 00:45	28.11.2025 00:45	Jankaew Punnatol
9549	1	PROGRAM UPDATE	Completed with success	27.11.2025 23:50	27.11.2025 23:50	Jankaew Punnatol
9548	1	PROGRAM RESYNC	Completed with success	27.11.2025 23:49	27.11.2025 23:49	Jankaew Punnatol

fig.X05232

- To reach each machine overview, machine settings, program settings, service and user manuals etc, click on the “drop down icon” (3).
- Click on each machine you need (4).

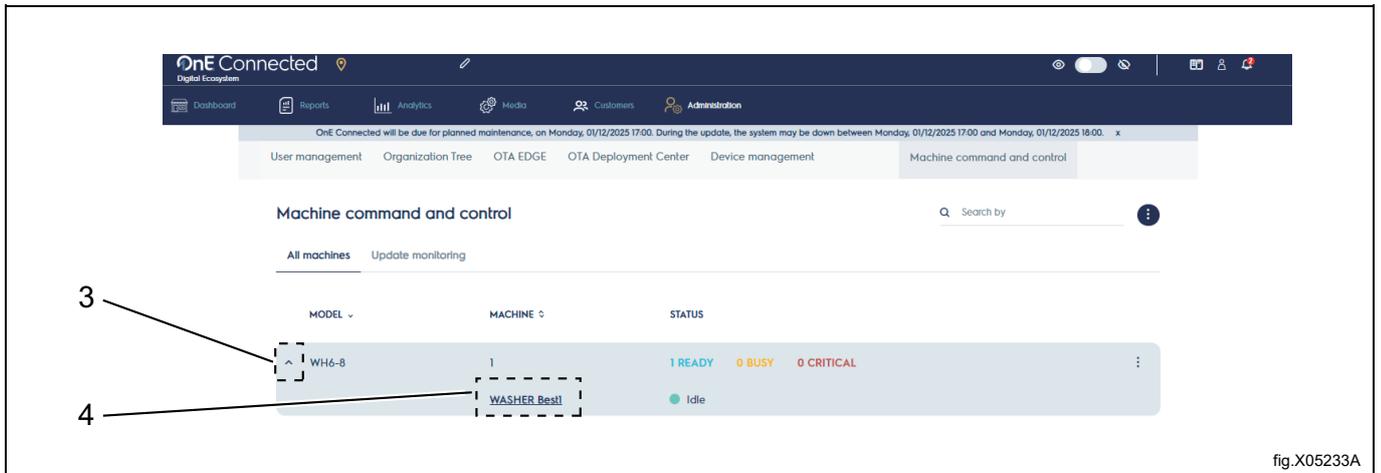


fig.X05233A

- In the “machine's detail page” you can reach the machine overview, machine settings, program settings, service and user manuals etc. Also in the overview tab, you can view and reach "Machine wireless board" by clicking on the icon (A).

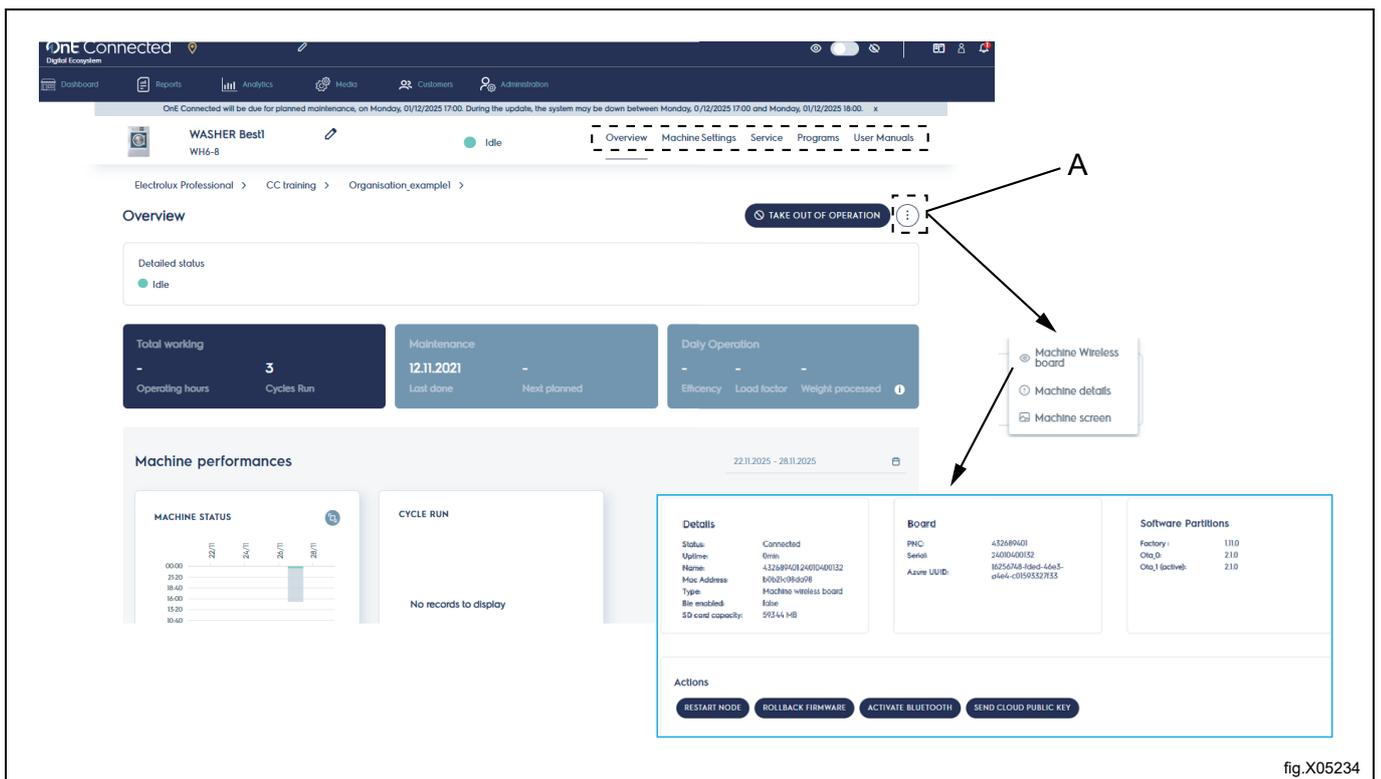


fig.X05234

The “machine's detail page” can also be reached by clicking on the machine icon on the Dashboard:

- Click on the appliance you need on the Dashboard (1).
- It takes you to the Machine "Overview" page (2).

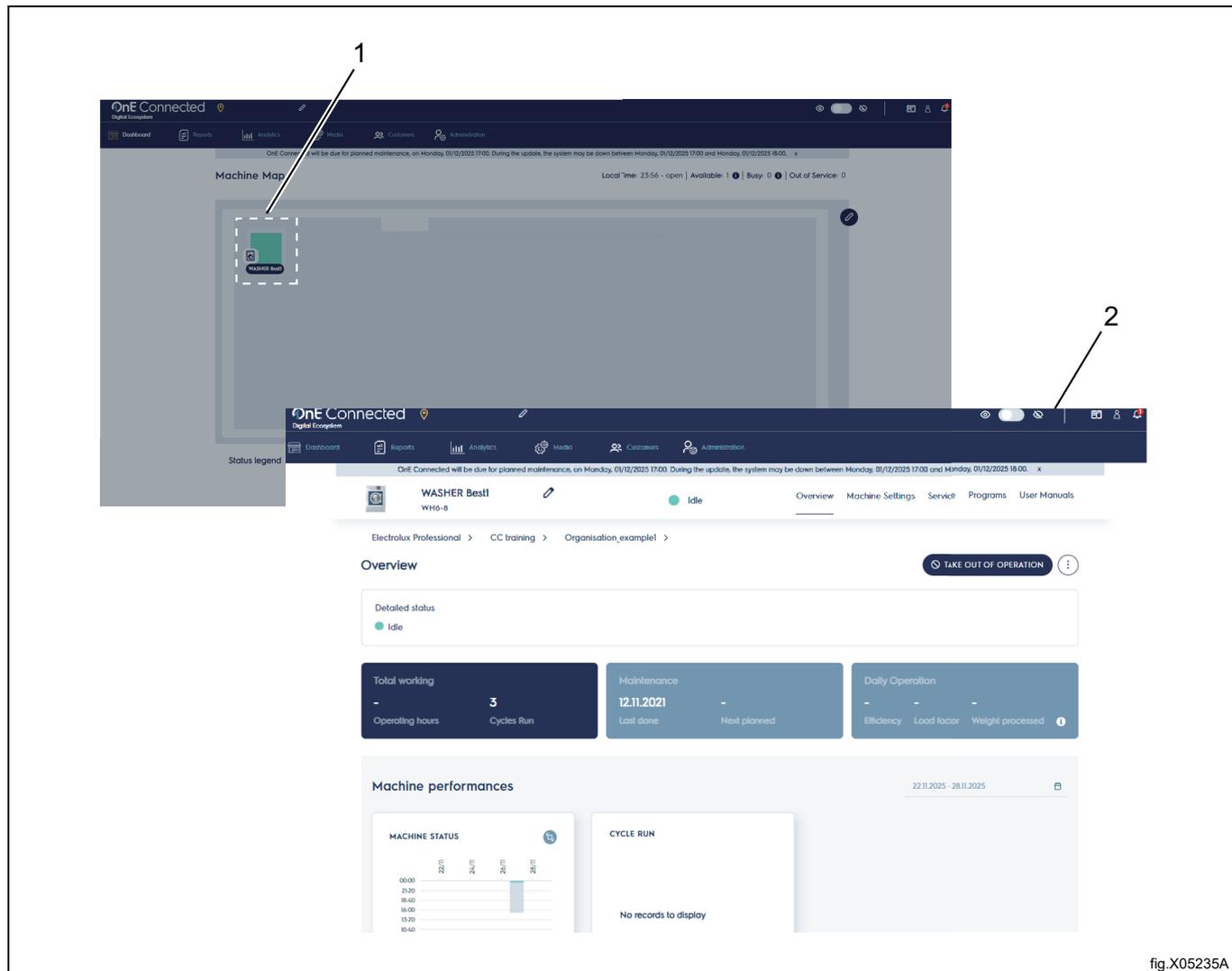


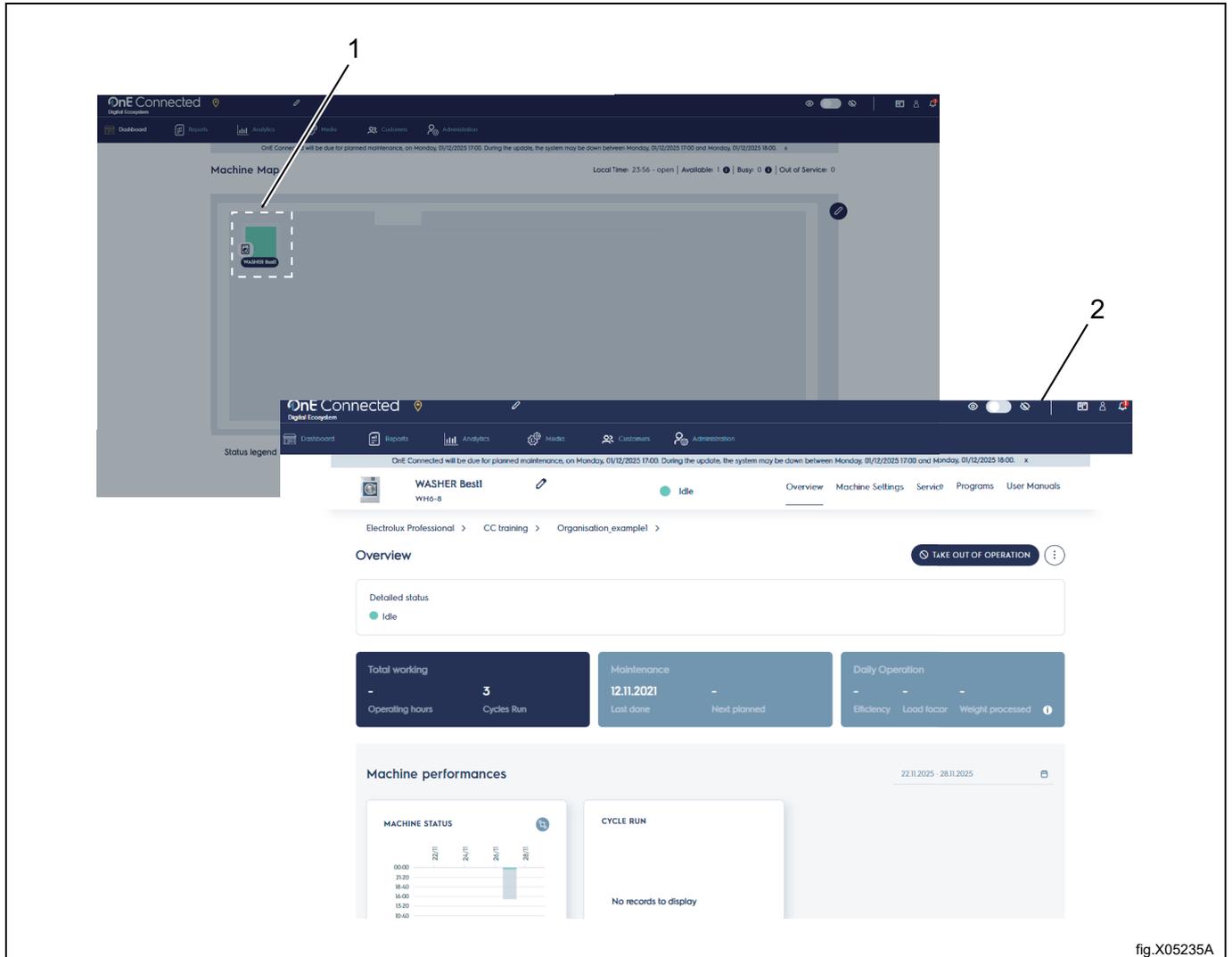
fig.X05235A

6.5.4.1 Machine settings

In the Machine settings menu, you can do the Consumptions, Operation log and Connectivity setting.

- Click on the appliance you need on the Dashboard (1).
- Click on "Machine setting" (2).

The following illustrations in the following instructions are just examples.



6.5.4.1.1 Machine settings/Consumptions

To get more precise consumption calculations report from the machine, you have a challenge to set the parameters closest to the fact.

- Click "Machine settings" (1).
- Click "Consumptions" (2), turn on which kind of consumptions you need to be calculated (3).
- Set the parameters closest to the fact (4).
- When the settings are ready, click "SAVE CHANGES" (5).

The following illustrations in the following instructions are just examples, the parameters can be different depending on which selected appliance type.

The screenshot displays the 'Machine Settings' interface for a W04_EUD645 CUSTOM machine. The interface includes a navigation menu with 'Machine Settings' selected, and a breadcrumb trail: 'Electrolux Professional > Laundrylux > OPL Sites > Machine Settings'. The 'Machine Settings' page has sub-tabs for 'Consumptions' and 'Connectivity'. The 'Consumptions' section is active and contains four main categories: 'System parameters for consumption calculations', 'Energy consumptions parameters', 'Water consumptions parameters', and 'Detergent consumptions parameters'. Each category has a toggle switch (3) and a list of adjustable parameters (4) with numerical values and range indicators. The 'Energy consumptions parameters' section includes 'Power of electronic boards (W)' (250), 'Installation voltage (V)' (208), and 'Heater nominal power (W)' (0). The 'Water consumptions parameters' section includes flow rates for cold and hot water to the drum, prewash, wash, and softener compartments, and hot water to the bleach compartment. The 'Detergent consumptions parameters' section is currently disabled. A 'SAVE CHANGES' button is visible at the top right.

fig.X05317A

6.5.4.1.2 Machine settings/Hygiene (For sites which are authorized to use the hygiene features)

In the hygiene control is needed on the selected appliance.

- Click "Machine settings" (1).
- Click "Hygiene" (2).
- Set the parameters (3).
- When the settings are ready, click "SAVE CHANGES" (5).

The following illustrations in the following instructions are just examples, the parameters can be different depending on which selected appliance type.

WASHER Best!
WH6-8

Idle

Overview **Machine Settings** Service Programs User Manuals

Electrolux Professional > CC training > Organisation_example1 >

Machine Settings

Consumptions **Hygiene** Operation log Connectivity

SAVE CHANGES

Hygiene settings

Min Temperature (°C)
Min temperature a machine must reach and stay above for a specified time

70 RANGE: 0 °C TO 100 °C

Time in min temp (°C)
Time in minutes that the machine must remain, at or above the temperature specified

15 RANGE: 0 MIN TO 100 MIN

fig.X05318A

6.5.4.1.3 Machine settings/Operation log

To see or download the operation log(s) of the selected appliance.

- Click "Machine settings" (1).
- Click "Operation log" (2).
- Click on the eye icon to see more detail of the selected operation log (3).
- The operation log can be filtered, click on the filter icon (4).
- The operation log can be downloaded, click the on download icon (5).

The following illustration is just an example.

The screenshot displays the 'Machine Settings' page for a 'WASHER Best! WH6-8' appliance. The interface includes a navigation menu with 'Machine Settings' highlighted (1). Below the navigation, there are tabs for 'Consumptions', 'Hygiene', 'Operation log' (2), and 'Connectivity'. A search bar is present with a filter icon (4) and a download icon (5). The main content area shows a table of operation logs with columns for 'DATE & TIME', 'BATCH NAME', 'DESCRIPTION', 'USERNAME', and 'STATUS'. Two log entries are visible, both for 'Parameters change' on 17/12/2025. The first entry is 'PENDING' and the second is 'SUCCESS'. An eye icon (3) is used to view details for the 'SUCCESS' entry. A modal window shows the following details for the selected log entry:

Machine: 9867830010:006520431449	
Parameter reference/s:	Min Temperature, Time in min temp
Operation type:	Parameters change
Min Temperature:	Old value: 65°C New value: 70°C
Time in min temp:	Old value: 20 Minutes New value: 15 Minutes
Username:	
Status:	success

fig.X05319A

6.5.4.1.4 Machine settings/Connectivity

6.5.4.1.4.1 View Wi-Fi strength of a machine

- Click on an appliance on the Dashboard.
- Click on “Machine settings” (1).
- Click on “Connectivity” (2), then you can see the Wi-Fi strength.

The screenshot displays the OnE Connected Digital Ecosystem interface. At the top, there is a navigation bar with options: Dashboard, Reports, Analytics, Media, Customers, and Administration. A notification banner indicates a planned maintenance update on Monday, 01/12/2025. The main content area shows the machine 'WASHER Bestl WH6-8' in an 'Idle' state. A menu bar includes 'Overview', 'Machine Settings', 'Service', 'Programs', and 'User Manuals'. The 'Machine Settings' section is active, with sub-tabs for 'Consumptions', 'Hygiene', 'Operation log', and 'Connectivity'. The 'Connectivity' sub-tab is selected, showing a 'Status' section with 'WiFi connectivity' at 'B535_6B47' and a signal strength indicator labeled 'Excellent'. A 'CHANGE CONNECTIVITY' button is located at the bottom right of the interface.

1

2

fig.X05238C

6.5.4.1.4.2 Change connectivity after provisioned (Change Network name (SSID) & Password)

In some case the connectivity must be changed from one to another one e.g. you need to switch the present connection from an **old router/old access point** to the new **router/new access point**.

To change Network name (SSID) & Password from the web portal when the appliance is already provisioned:

- Click on an appliance on the Dashboard.
- Click on "Machine settings" (1).
- Click on "Connectivity" (2).
- Click on "CHANGE CONNECTIVITY" (3).

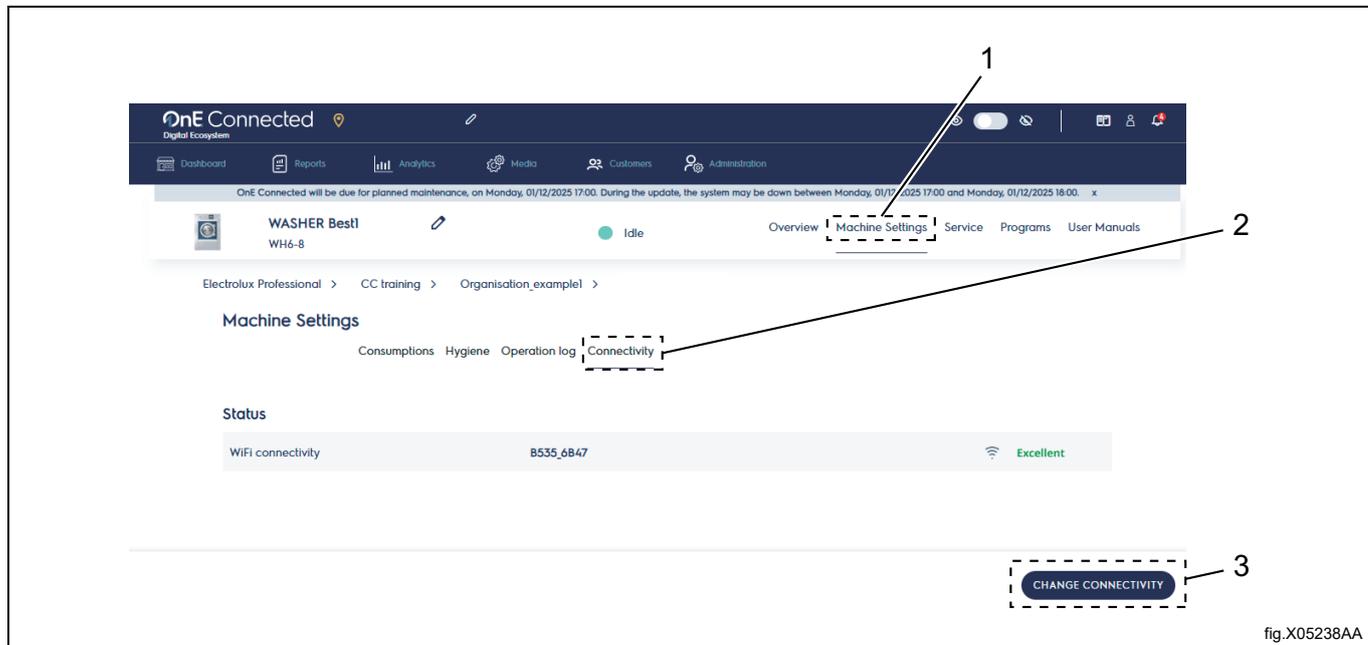


fig.X05238AA

- Fill-in the “Network name” and “Password” (SSID & password of the MWB) as you want. e.g.change to be the same SSID and password of a new router/access point.
The following illustration is showing an example to reset the SSID and password of the MWB to be default from the factory.
- If the user clicks on “LAUNCH ON OTHER MACHINES” (a) to make a batch change or select all of them.

Note!

The MWB/appliance will be offline if the SSID & password is not matched to the SSID & password of the router/access point.

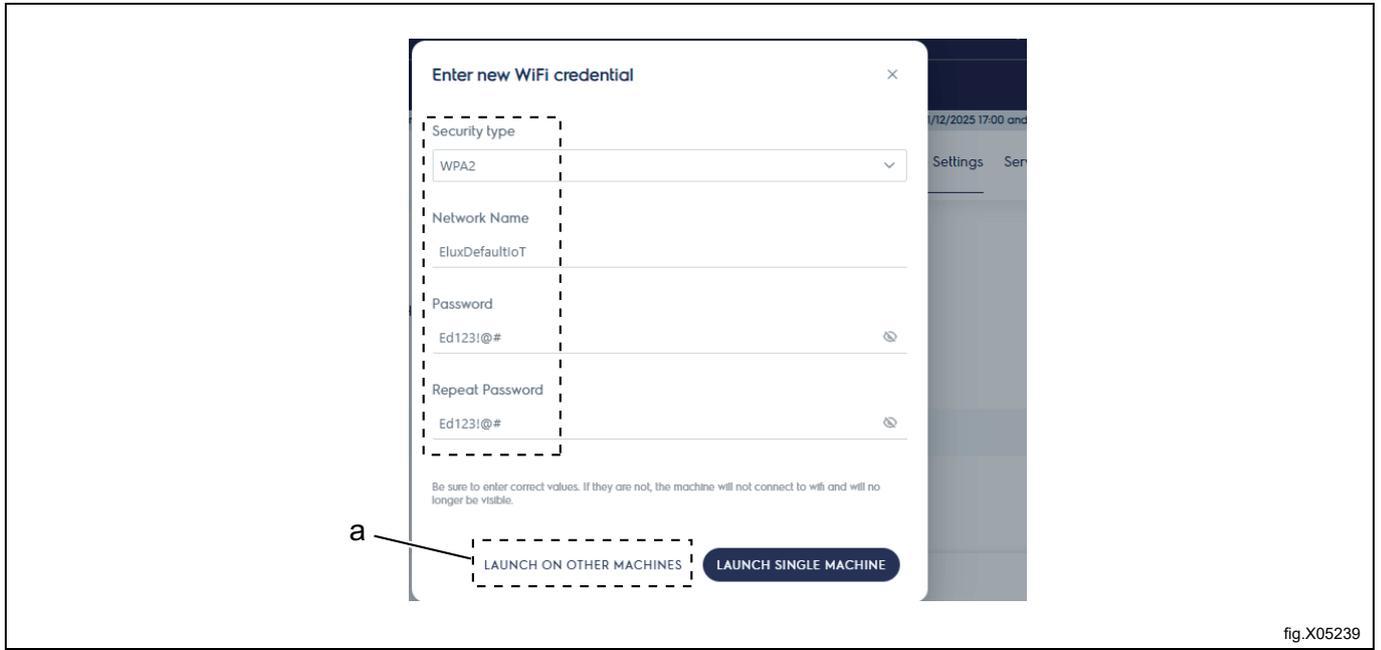


fig.X05239

- Click on "APPLY" and follow the instructions on the screen.

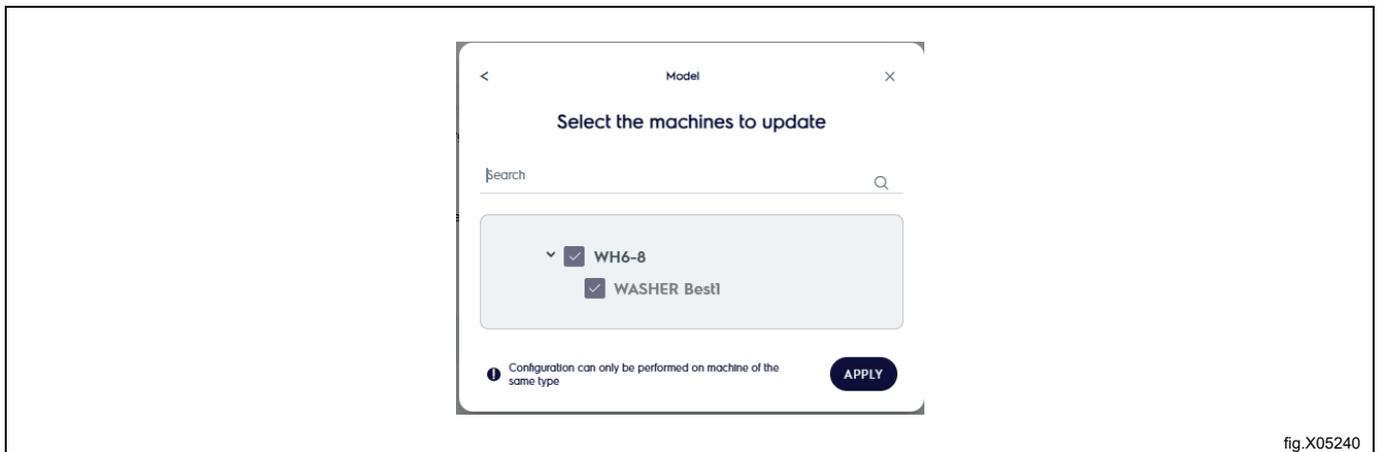


fig.X05240

6.5.4.2 Programs, Hygiene and program(s) Deactivate & Activate

- Click on the appliance you need on the Dashboard (1).
- Click on "Programs" tab (2).
- Click on "Program list" tab (3).
- To activate/deactivate Hygiene validation on each program in the program list, click on the 3 dot icon (4).
- Activate/deactivate Hygiene validation on each program as you need, then click on **ADD HYGIENE/REMOVE HYGIENE** (4.1).
- Deactivate/Activate program on each program in the program list as you need (5).
- In the program list, either all programs, only active programs, only inactive programs can be shown/filtered.
 - Click on filter icon (6).
 - Select "All", "Active", "Inactive" (7) as you need, then click APPLY (8).

The following illustrations in the following instructions are just examples.

The figure illustrates the steps to manage laundry programs and hygiene validation. It consists of three screenshots:

- Top-left screenshot:** Shows the dashboard with an appliance selected (1), the "Programs" tab active (2), and the "Program list" tab selected (3). A status legend is visible on the left.
- Top-right screenshot:** Shows a program card with a three-dot menu (4) and the "ADD HYGIENE" button highlighted (4.1).
- Bottom screenshot:** Shows a filter dropdown menu (6) with "All", "Active", and "Inactive" options (7), and the "APPLY" button highlighted (8).

fig.X05235C

7 Calculations

7.1 Energy consumption

For each machine, in the settings page, the powers and voltage are pre-defined based on factory calibration: all machines are tested according ISO standard requirements. Nevertheless, the customer can customize with his own values.

The calculation then, count the time the heater is activated for the power defined.

The voltage is also considered to revised the nominal power and make the calculation more accurate.

Example:

Heater nominal power = 23000 W & Voltage = 230 V

Heating step in the washing program last 5 min. (= 300 sec)

Heater power = $230^2 / 240^2 \times 23000 = 21123$ W

Energy consumption = $21123 / 1000 \times 300 / 3600 = 1,76$ kWh

7.2 Water consumption

For each machine, in the settings page, the flow rates of the different water valves are pre-defined based on factory calibration: all machines are tested according ISO standard requirements. Nevertheless, the customer can customize with his own values.

The calculation then, count the time the valve is open for the flow rate defined.

Example:

Flow rate hot water = 60 l/min (in OnE Connected settings page)

During the program, hot water valve is open during 2 min.

Water consumption = $60 \times 2 = 120$ l

7.3 Detergent consumption

It is the same principle as the water consumption.

The flow rate of the pump is calculated through the calibration of the pumps during the installation or the maintenance of the dosing system.

The flow rate is then, multiply by the time the signal for the pump is activated.

7.4 Load factor

Shown in percentage. The load factor represent how efficient is the loading of the washer extractor drum.

The load factor is calculated for each cycle then cumulated to define the global laundry load factor average.

The washer extractor must be equipped with IS, IWS, and AS to communicate the weighing of each batch.



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