

# Scout Board

## Administrator's Guide

### How to manage a client infrastructure through the web-based Scout Board

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## 0. Legal information

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# 1. Representation

The following representations and conventions for instructions are used throughout the documentation:

Representation	Description
<b>Control element</b>	All graphical user interface controls are displayed in <b>bold</b>
<b>Menu &gt; menu command</b>	Whenever running a command involves clicking a series of menus, the single GUI controls such as menu commands or dialog tabs are linked by <b>&gt;</b> .
Value	All data that have to be entered by the user or data that represent a field value are displayed in <code>Courier New</code> . Also, file names and path names are displayed in <code>Courier New</code> .
STRG	Keys to be pressed are displayed in CAPITAL LETTERS.
<Placeholder>	Placeholders in instructions and user input are displayed in <i>italics</i> and in <angle brackets>.
1. Instruction	Procedures to be carried out step by step are realized as numbered steps.
<i>Result</i>	System responses and results are displayed in <i>italics</i> .

## Abbreviations and acronyms

Abbreviation	Description
AD	Active Directory , directory service of Microsoft Windows Server
EBKGUI	Interface of the eLux Builder Kit (Tool for creating eLux software packages)
EPM	eLux package module ( <code>.epm</code> , software package)
FPM	Feature package module ( <code>.fpm</code> , part of a software package)
FQDN	Fully qualified domain name
GB	Gigabyte
GHz	Gigahertz (processing speed)
HDD	Hard disk drive (flash memory)
IDF	Image Definition File ( <code>.idf</code> )
IIS	Internet Information Services: Microsoft Web server
MB	Megabyte
OU	Organizational unit Unit or group within the organizational structure
VPN	Virtual Private Network

## 2. Overview

Scout Board is a modern and intuitive management solution for eLux end points. The web-based interface allows you convenient secure access to your Scout infrastructure. Many features for managing eLux-devices as well as Windows-based devices that have installed the Scout Agent for Windows are already known from the Scout Console.

You continue to use your existing SQL Server database for Scout. Your entire device infrastructure with device configuration, defined applications and access rights structure can now be used either via the new Scout Board interface or via the familiar Scout Console.

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### Note

Scout Board supports Microsoft SQL Server and SQL Server Express, but not SQL LocalDB.

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As part of the Scout Enterprise Management Suite installation, the Scout Board is published for the first time with the software release of Scout 15 2209.

The functionality realized so far maps common use cases:

- Dashboard: shows the most important key figures and performance indicators
- Access to devices via OU<sup>1</sup> structure with organization units or via **All devices** list with filter functions
- Dynamic Device groups
- Search for navigation elements, OUs and devices
- Details for selected devices, OUs and schedules
- Execute commands on devices
  - Switch on
  - Restart
  - Switch off
  - Send message
  - Reset configuration
  - Retrieve diagnostic data
- Mirror eLux sessions
- Rename, move, delete devices

This already provides administrators with a simple and intuitive tool to monitor OUs and devices and provide support to end users. The functionality will be continuously extended and expanded with the following versions.

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<sup>1</sup>organization unit, in short **OU**

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**Note**

Logon via Active Directory is supported.

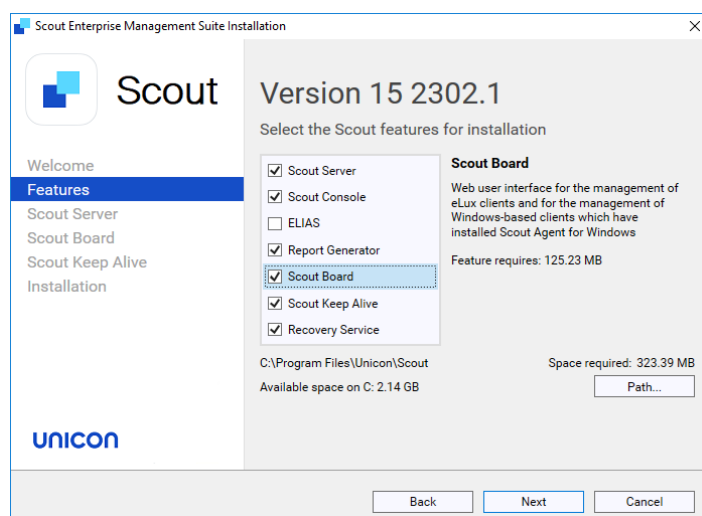
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### 3. Installing Scout Board

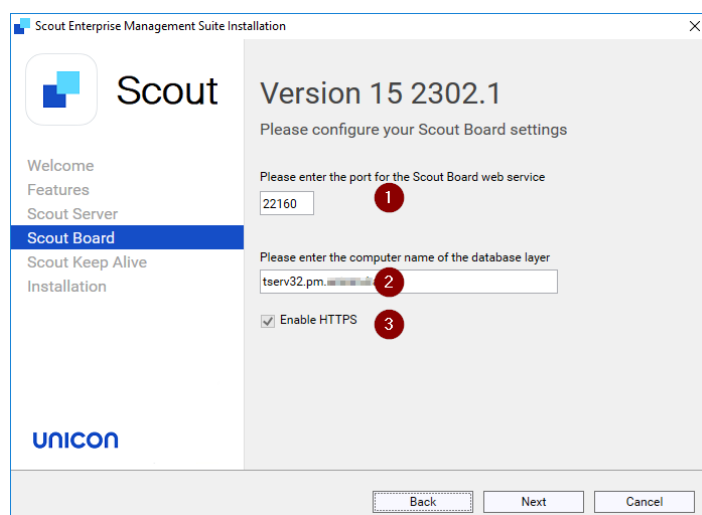
#### Note

Scout Board is installed as a component of the Scout Enterprise Management Suite.

1. Download the latest version of the Scout Enterprise Management Suite and start the installation process. For further information, see [Installing Scout Enterprise Management Suite](#) in the **Installation** short guide or [Upgrading to newer versions](#).
2. Fresh installation: By default, the Scout Board is part of the installation.  
Upgrading a previous version without Scout Board: Activate the Scout Board component.



3. Then configure your Scout Board settings.



- 1 Number of the port on which the Scout Board service should run
- 2 Computer name (FQDN) of the machine on which the database layer is to run

- 
- 3 With **HTTPS**, a secure connection to the interface is used.

Initially, a self-signed certificate is created. To configure an individual SSL certificate instead, see below.

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4. Follow the further instructions.

## Configuring an individual HTTPS certificate for Scout Board

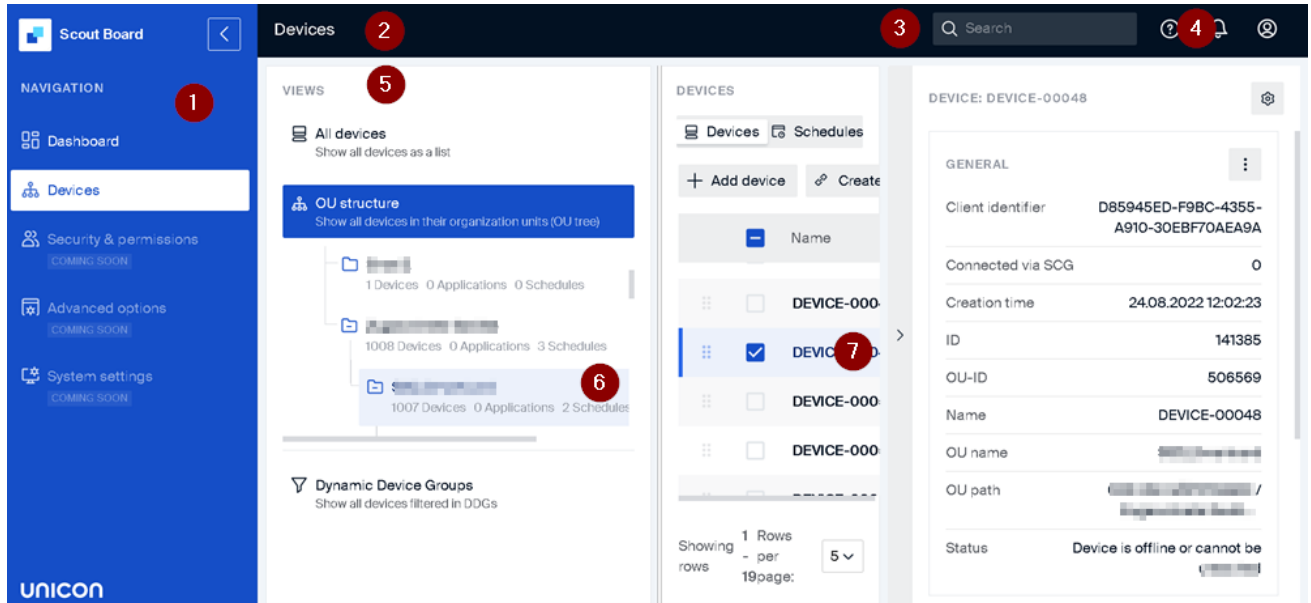
Self-signed certificates are not accepted as secure by the browser. To provide the browser with a valid SSL certificate for Scout Board perform the following steps:

1. Rename your certificate file to **certificate.crt** and the private key file to **private.key**
2. Copy both files into the Scout Board program directory. By default, this is `C:\Program Files\Unicon\Scout\Scout Board`
3. Still in the Scout Board program directory, edit the `.env` file and change the entry `CERTIFICATE=SELSIGN` to `CERTIFICATE=SIGN`
4. Restart the Scout Board service.

## 4. Interface

The Scout Board main window after logon shows the Dashboard with status information and an overview on different aspects of the managed devices.


The language depends on the language setting in the browser.



- 1 Navigation Panel
- 2 The section selected on the Navigation Panel is displayed.
- 3 Global search for data and navigation elements
- 4 Help, notifications, user profile
- 5 The Devices section provides three alternative views.
- 6 For the selected OU, the contained devices are displayed on the right.
- 7 For the selected device, the details are displayed on the right.

Use the **Navigation Panel** on the left to choose the section you want to work with. Next to Dashboard and Devices, the **Navigation Panel** offers access to additional functions such as reports, advanced configuration and administrator management.

### Note

Close the Navigation Panel (1) with  to save space. Then only the section icons will be displayed.

## Devices

The **Devices** section offers three different views to show your devices:



- **All devices:** All devices are displayed in a list regardless of their organizational unit. The list can be sorted and filtered as desired.
- **OU structure:** The hierarchical OU structure is displayed as a tree view. All organizational units (in the following **OUTs**) can be expanded and displayed.
- **Dynamic Device Groups:** Defined Dynamic Device Groups are displayed with the devices currently matching.

For a selected OU or Dynamic Device Group, on the right under **Devices**, the assigned devices and schedules are shown. To the right, the details of an OU, a Dynamic Device Group or a device may be displayed.

## 4.1. Dashboard

The Scout Board Dashboard provides you with various widgets showing the current status of your infrastructure at a glance.

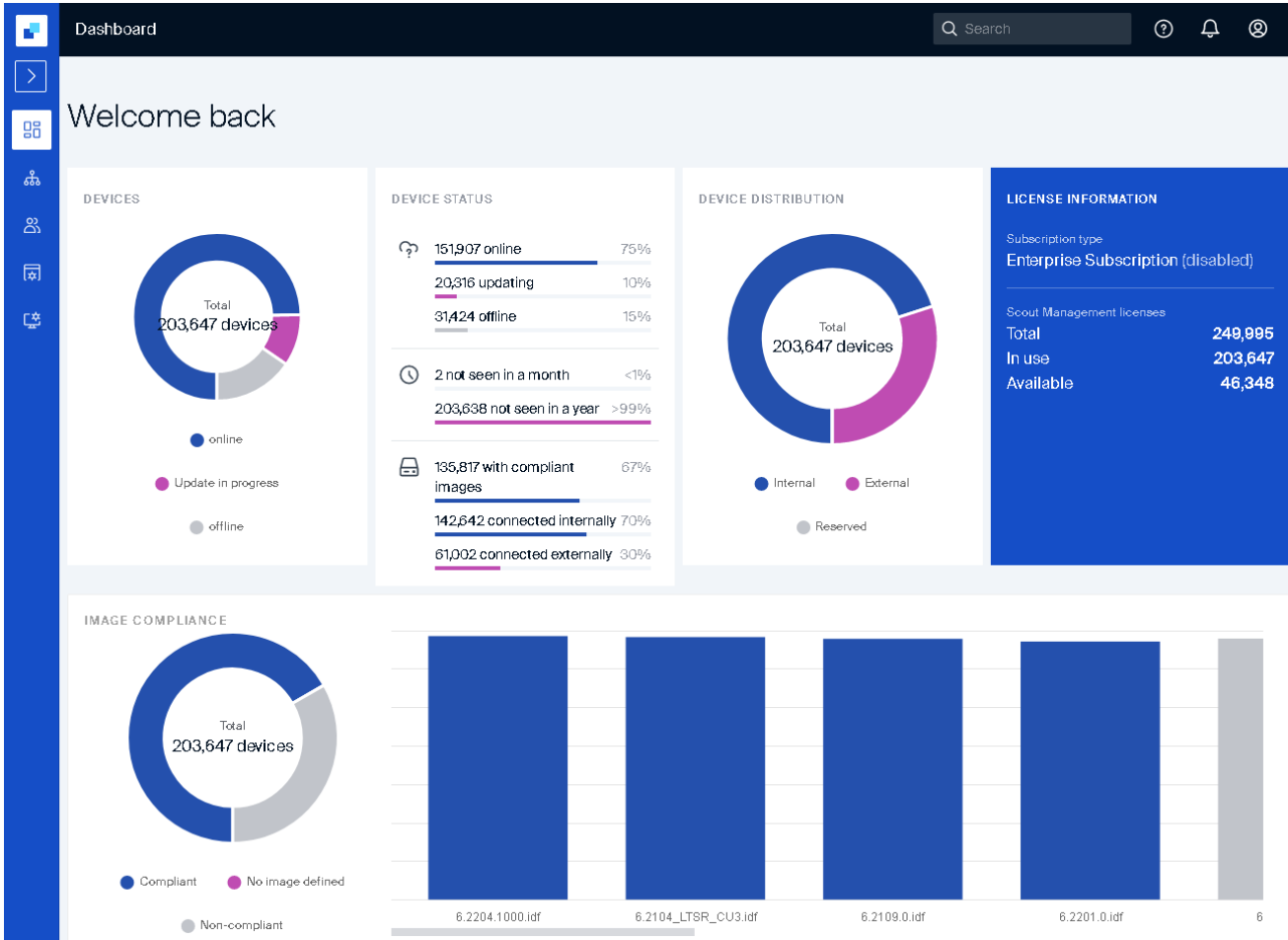
- Number of devices
  - total
  - online / offline /firmware update in progress
  - not seen in a month/ year
  - internally connected devices (via corporate network), externally connected devices (via VPN), not yet connected devices with reserved device profiles
  - with pre-defined image (compliant)
- License information<sup>1</sup>
  - Selected Subscription type
  - Number of used and available Scout Management licenses
  - License information for Managed Service Providers

For further information, see "Showing license information" on page 13.

- Distribution of images

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<sup>1</sup>from Scout 15 2302



A firmware image is called compliant if it is an image that has been globally predefined in the **Advanced Device Configuration**. For further information, see **Predefined IDFs and containers** in the **Scout** guide.

## 4.2. Devices / All devices

In this view, all devices of your infrastructure are displayed as a list.

The screenshot shows the 'Devices' page in the Unicon interface. The sidebar on the left has three view options: 'All devices' (selected), 'OU structure', and 'Dynamic Device Groups'. The main area displays a list of 203,647 devices. At the top, there are tabs for 'Devices' and 'Schedules', a search bar, and a 'Filter' button. The table below has columns for Name, Status, MAC address, and Image. The status column shows various icons: a red triangle for 'offline', a green checkmark for 'online', and a blue circle with an 'i' for 'update'. The bottom of the table shows 'Showing rows 1 - 50' and 'Rows per page: 50'.

Name	Status	MAC address	Image
[Redacted]	offline	3785425FB218	6.2204.1000.idf
[Redacted]	online	E9D771AFE1E5	6.2204.1000.idf
[Redacted]	online	D9BAF527CF8D	6.2204.1000.idf
[Redacted]	online	A2B478272A98	6.2204.1000.idf
[Redacted]	online	12A4E0DE08C2	6.2204.1000.idf
[Redacted]	update	B86F2634A194	6.2204.1000.idf
[Redacted]	offline	4F164339A0D9	6.2204.1000.idf
[Redacted]	update	A2935C3EE5E3	6.2204.1000.idf

Use sort and filter functions to display relevant devices, see "Sort and filter devices" on page 19.

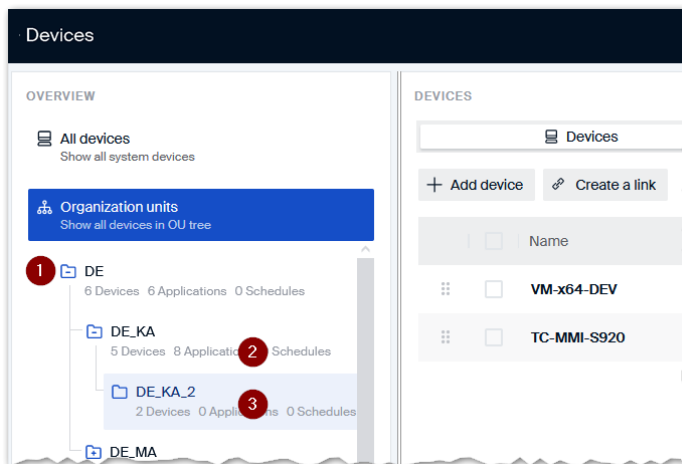
If required, adjust the number of rows (devices) displayed per page.

## 4.3. Devices / OU structure

The OU structure is organized hierarchically and may reflect the structure of your organization. OUs can contain devices at each level, but also other OUs. An OU can represent a site with its devices or group devices with the same details.

The advantage of having a hierarchical structure is that properties such as the device configuration and applications can be inherited from top to bottom. Actions can be applied to all devices in an OU, optionally including all devices in subordinate OUs, in one step. This applies, for example, to a command like **Restart**.

## OU structure view



- 1 Click to expand an OU

An expanded OU is indicated by



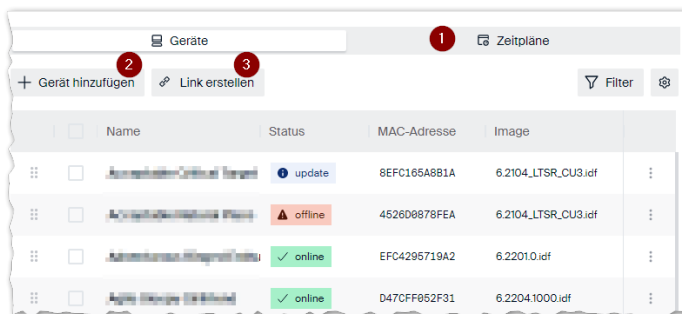
- 2 For each OU, the number of included devices, defined applications and schedules are displayed.
- 3 For a selected OU, the devices contained are displayed on the right in the device list.

The device list on the right shows the devices located in the OU selected on the left. Devices located in subordinate OUs are not displayed.

The device list can be edited, sorted and filtered in the same way as in the **All devices** view, see "Display devices" on page 16. The **Actions** context-menu for the devices is also available, for example to issue commands or mirror a device.

## Additional functions of a device list within the OU structure

**Important** The following functions are not available in the **All Devices** view.



- 1 Show schedules

For each OU, you may schedule commands which are displayed as schedules.

- 2 Manually add individual devices to an OU

- 3 Create a link for a selected device

A device can be uniquely identified and shared via a device link.

If no device is selected, the link is created for the OU.

## 4.4. Devices / Dynamic Device Groups

Dynamic Device Groups you already have in your database can be displayed and used in the Scout Board. For Dynamic Device Groups, the same Scout commands are provided as for OUs.

The screenshot shows the 'Devices' page in the Scout Board. The left sidebar contains navigation icons. The main area is titled 'Devices' and shows a list of views: 'All devices', 'OU structure', and 'Dynamic Device Groups'. The 'Dynamic Device Groups' view is selected, indicated by a red circle '1'. Below the views, a list of device groups is shown. One group is highlighted, and a context menu is open next to it, indicated by a red circle '2'. The context menu contains options: 'Commands', 'Edit', and 'COMING SOON'. The 'Commands' option is selected, and a sub-menu is open, showing options: 'Start', 'Restart', 'Shut down', 'Send message', and 'Reset configuration'. The 'Start' option is highlighted, indicated by a red circle '3'. On the right side of the page, there is a section for 'DYNAMIC DEVICE GROUP' details, including a search bar and a list of devices.

For the selected Dynamic Device Group, the currently matching devices are displayed on the right. On the far right, the Dynamic Device Group's details are displayed.

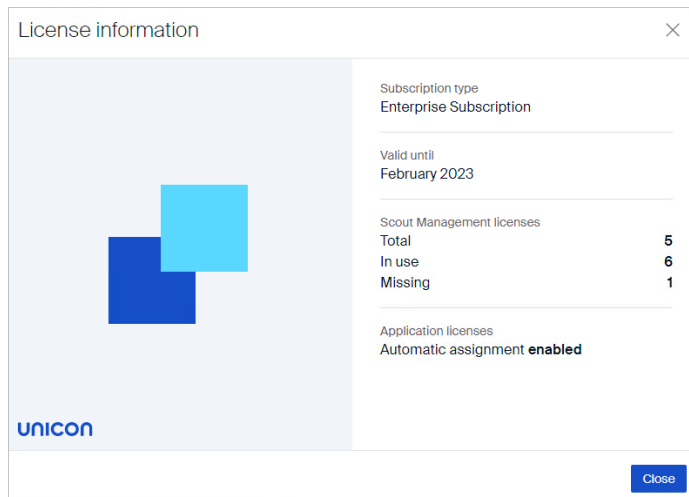
A Dynamic Device Group is only shown if the administrator is allowed to see at least one of the included devices. As soon as an administrator has access to only a part of the devices, he cannot issue commands on this Dynamic Device Group.

## 4.5. Searching for devices and other objects

The Scout Board allows you to search for devices and OUs from any view. In addition, you can search for navigation elements like the **All devices** list and just jump to them.

## 4.6. Showing license information

- ▶ On the Scout Board title bar, click and then **License information**.



## Subscription type

Subscription licensees can be managed in the following ways:

### ■ Enterprise (default)

The Subscription licenses of all devices are managed in one shared pool. The Subscription is equally applied to all devices from this pool.

An end date for the Subscription validity is calculated on this basis for all devices and displayed below the type.

### ■ OU

As with the Enterprise type, Subscription pools are formed for all top-level OUs. Within an OU, the Subscription is equally applied to all devices.

### ■ Managed Service Providers

For use by MSPs, the username of the myelux account registered on our reporting portal and the last logon are displayed. The maximum number of managed devices for the current month is displayed and can be recalculated at any time.

In addition, authentication to the reporting portal can be performed directly from here and then license reports can be viewed.

## Scout Management licenses

- Total number of Scout Management licenses
- Number of Scout Management licenses currently used by devices
- Number of available (unused) Scout Management licenses that will be automatically assigned to new devices during onboarding

## Application licenses

Application licenses are required to use licensed third-party applications on a device. Assigning these licenses to devices can be done manually or automatically.

For more information on license management, see also our whitepaper **Licensing and Subscription Scout 15 and eLux RP 6** and the **License management** short guide.

## 5. Devices and OUs

In the Devices section of the Scout Board, you can map the structures of your organization and manage the devices within organizational units (OUs). The OU structure makes it easier for you to both configure and manage your devices.

- The **device configuration** depends on the OU.

Different device configurations can be represented well by OUs. By default, the device configuration is inherited from the base - at the top of the OU tree - down through all existing OU levels to the devices. At each level, you have the option to break the inheritance. Even a single device can have an independent device configuration. For further information, see **Concept** in the **Scout** guide.

- **Applications** are defined for OUs.

Application definitions are inherited from the top down, just like device configuration. At each level, you can decide whether you want to inherit applications from above - or prefer to define applications dedicated to that level.

- Manage **schedules** and perform **commands**

Scout commands such as a device restart or a firmware update can be sent to all devices of an OU simultaneously. If commands are not to be executed immediately, they can be scheduled for a later time. The commands are then managed as schedules with an OU.

You can also use schedules to define periodic execution of certain commands.

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### Note

Alternatively, you can assign commands, schedules and other functions to selected devices in the **All devices** or **Dynamic Device Groups** views.

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So, within the OU structure, inheritance applies by default: applications - or more precisely application definitions - are inherited by subordinate OUs. Device configurations are inherited down to the device level. When a new device is added to an OU, it automatically receives the application definitions and configuration of this OU.

For further information, see **Concept** in the **Scout** guide.

### 5.1. Display devices

In Scout Board, the devices are displayed in the form of a list in all views. You can sort, filter and search a device list by any field. If possible, limit the scope of the displayed devices already in the first step by selecting the view:


#### All devices

- ▶ In the **Navigation Panel**, choose **Devices > All devices**.

*All devices of your Scout infrastructure are displayed as a list.*

#### Devices of a specific OU



1. In the **Navigation Panel**, choose **Devices > OU structure**.
2. Expand higher level OUs until you can see the relevant OU. To do this, click  in front of an OU name.
3. Click the OU.

All devices of the selected OU are displayed. The device list of an OU has two tabs: One for the devices themselves and next to it all schedules of this OU.

## Dynamic Device Groups

1. In the **Navigation Panel**, choose **Devices > Dynamic Device Groups**.
2. Click one of the defined Dynamic Device Groups.

All devices matching the filter criteria of the Dynamic Device Group are displayed.

## Device list functions

The same basic functions for a device list are available in all views.

Name <span>1</span>	Status	MAC address	IP address <span>2</span>	Image	
...	✓ online	72296166EB40	192.168.0.100	6.2109.0.idf	⋮ <span>3</span>
...	✓ online	2397186842E8	192.168.0.101	6.2201.0.idf	⋮
...	✓ online	68CA7382B4C3	192.168.0.102	6.2201.0.idf	⋮
...	⚠ offline	3785425FB218	192.168.0.103	6.2204.1000.idf	⋮
...	✓ online	D726AE983141	192.168.0.104	6.2104_LTSR_CU3.idf	⋮ <span>4</span>
...	✓ online	A0D50EBE1CC3	192.168.0.105	6.2104.2.idf	⋮
...	✓ online	E14159AB6953	192.168.0.106	6.2109.0.idf	⋮
...	✓ online	EDEAE6B526A6	192.168.0.107	6.2104_LTSR_CU3.idf	⋮

- 1 Some of the available fields are displayed as columns. Select more fields and the sequence using the List settings.
- 2 Sort by a field
- 3 Open the **Actions** context-menu of a device
- 4 Show details of selected device, OU or Dynamic Device Group on the right

Multiple devices can be selected via the selection bar on the left.<sup>1</sup>


<sup>1</sup>from Scout 15 2302

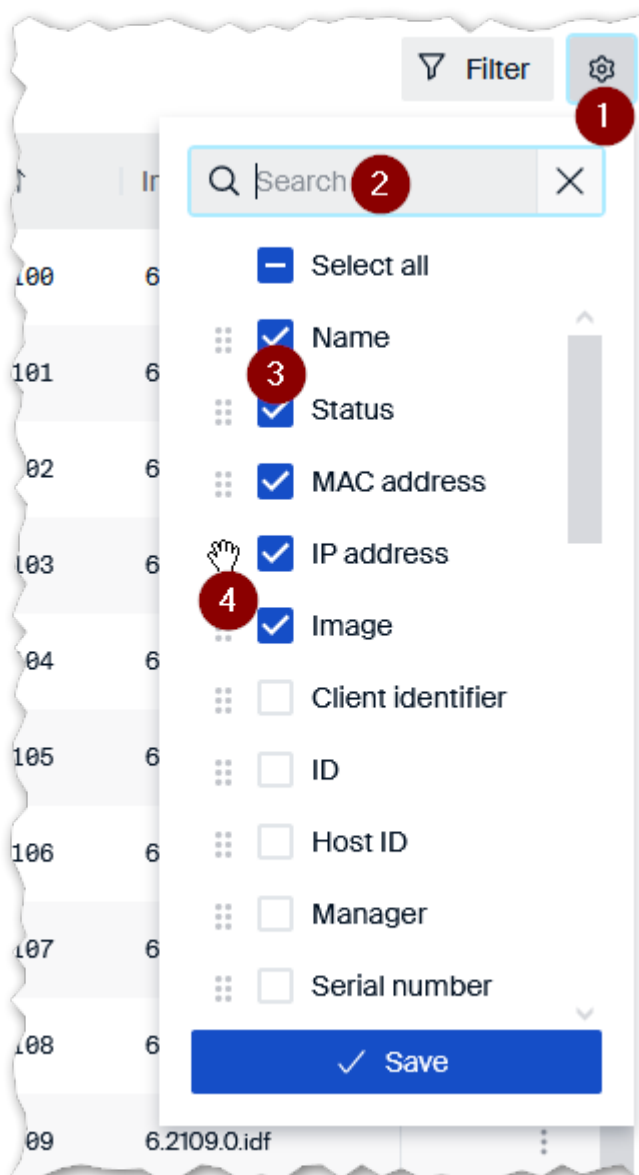
## 5.1.1. Changing List settings

Specify which fields are displayed in the device list and in what order.

1. On the right, above the device list, click .

*All available fields are displayed in a list-field with scroll bar. The fields currently shown in the device list can be found at the top and are selected.*

2. Use the scroll bar or search to view more fields in the list-field
3. To select specific fields for display, check the fields. To select all fields, click the icon in front of **Select all**.
4. To change the sequence, point to the left of a field name to . Drag the field to the desired position within the list-field.
5. Confirm with **Save**.



- 1 Open list settings
- 2 Search for a field
- 3 Select a field to be displayed as a column
- 4 Drag a field to a new position (Sequence of columns)

### Note

If not all configured fields can be shown in the device list due to space constraints, a horizontal scroll bar will be displayed.

To use your List settings beyond the current session, save them in a view. For further information, see "Individual device list views" on page 21.<sup>1</sup>

## 5.1.2. Sort and filter devices

- applies for device lists in all views -


Especially when many devices are displayed, sorting and filter function are important tools. The filter function allows you to create multiple filter rules, which you can OR or AND.

By default, a device list is sorted by the **Name** field.







### Note

Re-use your filter and sorting settings beyond the current session. To do so, save them in a view. For further information, see "Individual device list views" on page 21.<sup>2</sup>

## Sorting devices by a specific field

1. In a device list, move the mouse pointer on a column header.  
*A sorting arrow  is displayed to the right of the field name.*
2. Click the column header to sort the device list by this field in the direction specified.  
By default, sorting is in alphabetical descending order.
3. To sort in reverse order, click the column header again.

*Once you have set sorting, the sorting arrow is permanently displayed next to the column header. The setting is saved in the current browser.*

Name 	Status	MAC address	IP address 	Image
1. 1. 1. 1	 online	72296166EB40	192.168.0.100	6.2109.0.idf
2. 2. 2. 2	 online	2397186842E8	192.168.0.101	6.2201.0.idf
3. 3. 3. 3	 online	68CA7382B4C3	192.168.0.102	6.2201.0.idf
4. 4. 4. 4	 offline	3785425FB218	192.168.0.103	6.2204.1000.idf


### Note

To undo a sort order, use the **Actions** menu of the column header.

<sup>1</sup>from Scout 15 2304

<sup>2</sup>from Scout 15 2304

## Filtering devices

1. Click the filter  icon.
2. To define a filter rule (1), specify the relevant field (the column to filter by), an operator, and the value the field should have.
3. Click **Add rule** (2).  
*The rule is added to the section below (4).*
4. If you want to limit (AND) or extend (OR) the number of devices by a second filter rule, define another filter rule (1) and apply it via **Add rule** (2).
5. Make sure that the correct link type (OR/AND) is set (3).  
*The link type applies to the linking of all filter rules and cannot be set differently for individual links.*
6. Only if all the filter rules in the lower section (4) are correct, click **Apply filter**.

Filter

×

Link type for multiple filter rules

☐ Minimum one (OR)
 ☒ All (AND)
 

3

Column/Content

Operator

Value

Status

1

▼

equals

▼

Update in progress

▼

+

Add rule

2

Image

contains

2204

🗑️

4

Status

equals

update

🗑️

5

✓ Apply filter

✕ Cancel

Only devices that match the filter rules are displayed. The **Filter** button is displayed in blue.

### Note

To remove a filter, click  next to the **Filter** button and select **Remove filter**.

## Filter operators

The following operators are available:

Data field type	Operators	Example rule
String (text)	contains, is equal to, is not equal to, begins with, is empty, is not empty	Name contains main
Numeric (numbers)	=, >, >=, <, <=	Flash size (GB) <= 4
Date	on, is after, is before	Last contact is before 05/02/2023
Logical values (Boolean)	is	Encrypted setup partition is No

### 5.1.3. Individual device list views

- applies for device lists in all views -<sup>1</sup>

List settings such as your selected fields for display as well as sorting and filtering criteria you have applied to a device list can be saved in views for re-use. You can save and reload as many views as you like. Use descriptive names for them. Views are stored in the browser's local storage so that they are associated with a specific user and the browser used.

Once saved, a view is available in all device lists, including the OU structure.

1,012 DEVICES

Devices

Schedules

Filter

2

3


1

1 Save, load, or edit views

2 Active filter rules


3 List settings

### Saving a view




1. On the right above a device list, click 
2. On the sub-menu, select **Save view**.
3. Enter a name for the view and confirm with **Save**.

<sup>1</sup>from Scout 15 2304

## Loading a view

1. Click 
2. On the sub-menu, select **Load view**.  
*All views you have saved in this browser will be displayed.*
3. Choose one of the displayed views.

## Editing a view

1. Click 
2. On the sub-menu, select **Edit view**.  
*All views you have saved in this browser will be displayed.*
3. To rename a view, click  to the right of it
4. To delete a view, click  to the right of it.

## 5.2. Adding devices

- applies to device lists in the in OU structure -

Within an OU, you may add individual devices manually to the device list.

1. Display the OU structure, see "Display devices" on page 16.
2. Click to select an OU.
3. Above the device list, click **Add Device**.

Add a device

×

Please provide all the required information to add a new device to Unicon.

Device name

MAC address

Unicon-00006

✓ Add device

× Cancel

*For the device name of the new device, the string `DEVICE-` and an appended incremented digit string are used by default.*

4. If desired, replace the suggested device name.
5. Specify the MAC address of the new device.


**Important** Use the following format: 00:11:22:33:44:55

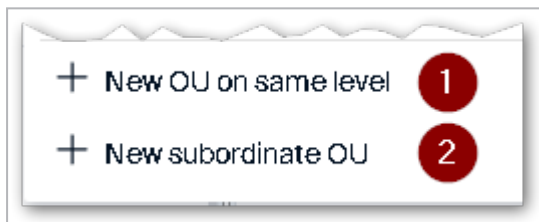
*The new device is added to the current OU. It receives a unique Client Identifier.*

### 5.3. Adding OUs

- applies to device lists in the OU structure -<sup>1</sup>

You can add new organizational units (OUs) in the OU structure at any level.

1. Display the OU structure, see "Display devices" on page 16.
2. To the right of an OU, click . From the context-menu, choose one of the following actions:



- 1 The new OU is created "next to" the selected OU.
- 2 The new OU is created below the selected OU.


3. Enter a name for the new OU and optionally additional information (**Info 1**, **Info 2**, **Info 3**) which will be shown in the device details (if configured).

### 5.4. Actions for devices

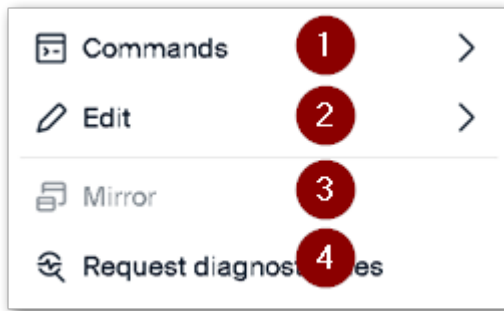
- applies to device lists in all views -

Via a device list you have access to your devices and can, for example, send commands. All available actions can be found in the **Actions** context-menu of a device.

#### Performing an action for a device

1. To the right of a device, click .
2. From the context-menu, choose an action.

<sup>1</sup>from Scout 15 2304



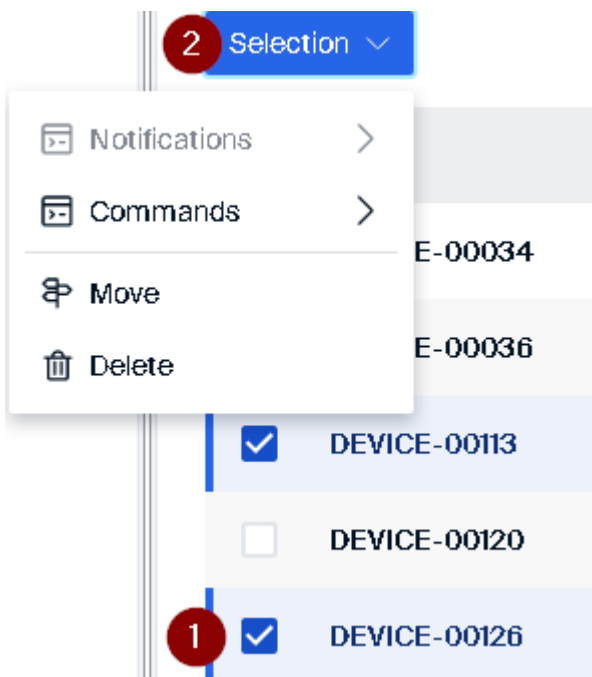
- 1 Execute or schedule a Scout command on the device
- 2 Rename, delete or move the device
- 3 Mirror the device
- 4 Retrieve diagnostic data

#### Note

You may also use drag-and-drop operations to move devices between OUs.

### Performing actions on multiple devices

1. Use the selection column on the left to select multiple devices (1).  
*Once you have selected multiple devices, a **Selection** button (2) is displayed above the list.*
2. Click **Selection** (2), and then select a command or action from the context menu.



#### Note


To remove the selection of devices, click the minus icon above the selection column.

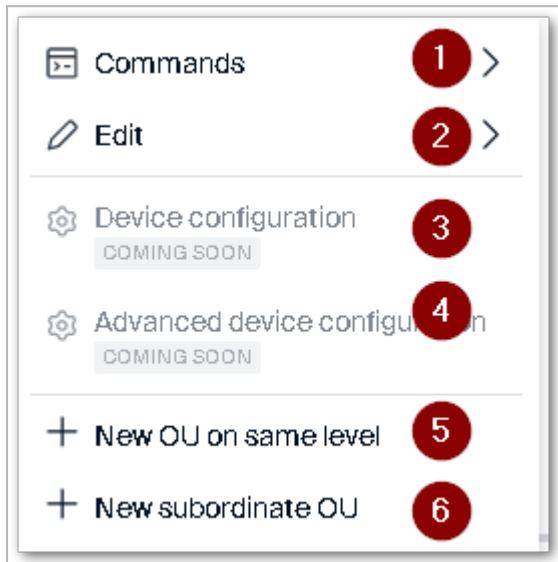
## 5.5. Actions for OUs

- applies to the OU structure -




## Performing an action for an OU

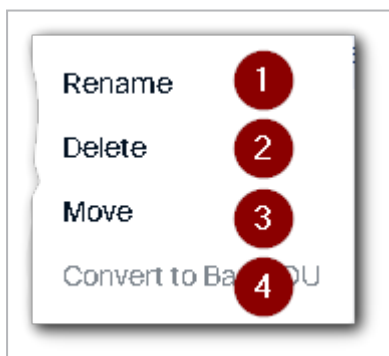
1. Display the OU structure, see "Display devices" on page 16.
2. To the right of an OU, click .
3. From the context-menu, choose an action.



- 1 Execute or schedule a Scout command for all devices of the OU
- 2 Rename, delete or move the OU
- 3 Open the device configuration for this OU
- 4 Open the advanced device configuration for this OU
- 5 Add a new OU on the same level
- 6 Add a new OU below the current level

## Renaming, deleting or moving an OU

1. To the right of an OU, click .
2. From the **Actions** context-menu, choose **Edit**, and then one of the provided actions:



- 1 Overwrite the existing OU name
- 2 Delete the OU
- 3 In the dialog, browse the OU structure and select a new destination OU.
- 4 Make this OU the base OU<sup>1</sup>

Before any action is performed, you will be asked to confirm.

<sup>1</sup>appropriate rights provided

## 6. Commands and schedules

Commands can be issued to OUs, Dynamic Device Groups and individual devices. The following commands are available in the Technical Preview:

- Switch on
- Restart
- Switch off
- Send message
- Reset configuration
- Deliver software<sup>1</sup>
- Pre-defined command<sup>2</sup>

If a command is not executed immediately, it is saved as a **schedule**. A schedule can be defined for one-time execution or for periodic execution.

Schedules are displayed for each OU in the device list on a separate tab. The number of existing schedules is additionally shown in the OU structure for each OU, along with the number of existing devices and applications.

You may create commands or schedules for the following target devices:

- a device of a device list (all three views)
- the devices of an OU in the OU structure, optionally additionally on all devices in subordinate OUs
- the devices of a Dynamic Device Groups

To create a command or schedule, open the **Actions** menu for the target devices. To do this, click on  to the right of the device, OU or Dynamic Device Group.

### Creating a command

---

#### Note

Means a Scout command that is executed immediately

---

1. For the target devices, open the **Actions** menu, then choose **Commands**, and then the desired command.
2. Leave the setting for **Type (time)** on **Now**.

*If you do not want to execute a command right away, set a one-time execution time or even a periodic execution, see **Creating a schedule**.*

---

<sup>1</sup>from Scout 15 2304

<sup>2</sup>from Scout 15 2304

3. In the **Command** dialog, edit the remaining fields. Common options are the following:

Option	Description
Inform users	The relevant users will receive a message before the command is executed.
Include sub-ordinated OUs	The command is additionally applied to all devices in subordinate OUs.

For further information, see [Command options](#) in the **Scout** guide.

4. Click **Execute**.

*The command is executed immediately.*

## Creating a schedule

### Note

Means a Scout command that is scheduled for later execution

1. For the target devices, open the **Actions** menu, then choose **Commands**, and then the desired command.
2. Under **Type** (time), select either **Once** or **Repeat every**.
3. If you intend to plan a one-time execution, then select the date and time.
4. If you intend to plan a periodic execution, select either one day per month or one day of the week below it.

- 1 Option A: Choose a fixed day per month (for example, every 5th.)
- 2 Option B: Choose a fixed day per week (for example, every Tuesday)

Specify the time.

5. In the **Command** dialog, edit the remaining fields. For further information, see [Command options](#) in the **Scout** guide.
6. Click **Execute**.

*A schedule is created for the planned one-time or periodic execution of the command.*

## 7. Help-desk and remote maintenance


Helpdesk functions such as mirroring a device are available to assist users with problems.

### Mirroring a device



#### Requires

- The target device must have installed eLux RP 6 2209 or later.
- A VNC server must be installed on the target device. For this, the VNC Server extension feature package included in the eLux package **XOrg** must be installed.
- Mirroring must be enabled and configured for the target device in **Device Configuration > Security > Mirror settings**. The **Allow only from Scout** option must not be active.

1. Select a device on a device list (all three views).
2. Click  to open the device's **Actions** menu and choose **Mirror**.


*Depending on the device configuration, the user must confirm the mirroring request.  
The mirrored session is displayed in a new browser tab.*

For further information, see [Mirroring](#) in the **Scout** guide.

### Retrieving diagnostic data

#### Note

We recommend that you temporarily switch on enhanced logging on the device before device diagnostics. This generates and makes available diagnostic files on a larger scale.

1. Select a device on a device list (all three views).
2. Click  to open the device's **Actions** menu and choose **Request diagnostic files**.

*The scripts defined in the system template are executed. All log and configuration files are packed and made available for download in the browser.  
In the Scout Board, you will receive notifications about the progress and a link to the download.*

For further information, see [Device diagnostics](#) in the **Scout** guide.

## 8. System settings

On the Navigation Panel, on the bottom section, you will find the **System settings** entry with preferences for various functions.

### Devices

General device and filter settings, especially with regard to onboarding devices

NEW DEVICES

...

organisationseinheit(518271) / DE\_KA

1

☒

Assign OU depending on filter settings

2

☐

Lock configuration transfer for new devices

3

☒

Allow dynamic changes of OUs

4

☒

Accept only known devices

5

1

OU new devices are assigned to, by default

2

Activates the OU filter for new devices

The OU filter has priority over other methods

The OU filter is configured using sub-nets and masks or using specific asset information of the devices.

3

Newly added devices are not synchronized with the server's device configuration

4

Allows dynamic assignment of devices via DHCP

5

The Scout Server accepts only devices with registered MAC addresses.

This section corresponds to the **Advanced Options > Devices > New devices** dialog in the Scout Console.

## Logging

On the Scout Server machine, server activities of the Scout Server and the Scout Keep Alive service are logged.

**LOGGING OPTIONS**

Log level  
Info 1

Maximum log file size  
100 MB 2 - +

Maximum number of log files  
10 file per rotation 3 - +

Scout Server log 4 ☒

Keep alive log 5 ☒

### 1 Log level

Error: Only error messages

Info: Error messages and additional information (default)

Debug: Log files with extended content

### 2 Configure log file rotation / File size

### 3 Configure log file rotation / Number of files

### 4 Enable Scout Server logging (eluxd.log)

### 5 Enable Keepalive logging (keepAlive.log)

## Predefined commands

User-defined commands can be centrally predefined and provided as ready-to-use commands for administrators managing their devices remotely. All active commands in this list can be applied by administrators to individual devices, to OUs, or to Dynamic Device Groups.

A predefined command is shared with all administrators by default, but can be restricted to specific groups. For the executing administrators, the name of the command is displayed instead of the command.



The screenshot shows the 'COMMANDS' section of the UNICON interface. It includes a table with columns for Name, Command, System, Active, and Admins. Three entries are listed, all related to 'UEFI Update Futro ...'. Callouts 1 through 8 point to specific UI elements: 1 points to the '+ Add' button, 2 to the 'Delete' button, 3 to the 'Name' column header, 4 to the 'Command' column header, 5 to the 'System' column header, 6 to the 'Active' column header, 7 to the 'Admins' column header, and 8 to the 'Add' button.

1	3	4	5	6	7
	Name	Command	System	Active	Admins
2	UEFI ChangePwl F...	/opt/deskview/bin/biosset -NE	✓	On	On
	UEFI Update Futro ...	biosupdate.sh https://[redacted]	✓	On	Off
	UEFI Update Futro ...	biosupdate.sh https://[redacted]	✓	On	Off

- 1 Add new entry
- 2 Delete selected entries
- 3 Name of a command
- 4 Command definition (syntax)
- 5 The command requires system rights
- 6 The command will be displayed in the list-field for pre-defined commands.
- 7 Restrict command to specific administrators or administrator groups
- 8 Edit the name or syntax of an entry

- ▶ To create a predefined command, click **Add** (1), and then in the new entry, specify the name (3), syntax (4) and further options (5, 6, 7).

For further information, see [Creating predefined commands](#) in the **Scout** guide.

## Firmware preferences

For **Device Configuration > Firmware**, you may predefine values that operational administrators are allowed to use. If you restrict the administrators' object rights so that only predefined entries can be selected, no custom values can be created. For further information, see [Protecting firmware configuration](#) in the **Scout** guide.

The following values can be predefined:

■ Image files

Names of images which may be used for firmware updates and upgrades

Example: `myImage.idf`

■ Container for software packages and images

Container paths which may be used to select images

Example: `elias/UC_RC6_X64`

■ UEFI files

Names of `.udf` files which may be used to update the devices' UEFI firmware with matching binary data.

Example: `myUEFI.udf`

To create a predefined firmware value, click **Add**, and then in the new entry, enter the exact name or path. The entry must correspond in spelling to the existing file and path names. Note the following:

- File and paths names are case-sensitive
- Do not use spaces.
- Specify file names with their extensions such as `.idf`.

The **Active** option allows you to specify for each defined entry whether it will be displayed or hidden in the **Firmware** dialog.