

Allocated Devices

Overview

This page allows authorized users to **view, select, and manage physical devices** within the system. It is commonly used to allocate devices, review device status, and perform maintenance actions.

The screenshot shows the 'Allocated Devices' page with a search bar and a table of 14 devices. The table columns include Id, Last Seen, Name, Type, Comm Mode, Company, Log Period, Upload Period, Timeout Period (Minutes), Firmware Revision, Hardware Identifier, Serial Number, CCID, MAC Address, Enabled, SMS, and Actions. Each row represents a device with its specific attributes and status indicators.

Id	Last Seen	Name	Type	Comm Mode	Company	Log Period	Upload Period	Timeout Period (Minutes)	Firmware Revision	Hardware Identifier	Serial Number	CCID	MAC Address	Enabled	SMS	Actions
3021	43 minutes ago	H2 - Setter 30	VM1000	HTTP	RCL KZN	10	60	1450	363	..1650	..1650	..8593		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3023	an hour ago	Stability chamber	VM1000	HTTP	Sun Pharma	10	60	1450	377	..4444	..4444	..7204		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3025	3 years ago	Umgeni Micro Lab	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..5805	..5805	..3801		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3026	a year ago	Umgeni Tox	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..3370	..3370	..3967		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3028	3 years ago	Umgeni Path Lab	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..0483	..0483	..3710		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3029	2 years ago	Umgeni Crypto lab	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..4410	..4410	..3769		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3030	a year ago	Umgeni Dark Room	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..6084	..6084	..3991		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3032	a year ago	Umgeni Hydro lab	VM1000	HTTP	Umgeni uThukela	10	60	1450	364	..4253	..4253	..3793		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3037	an hour ago	Timken	VM1000	HTTP	Timken	10	60	1450	377	..4337	..4337	..3810		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
3056	9 months ago	Mota Engil	VM1000	HTTP	IFS	10	60	1450	347	..1168	..1168	..0999		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
3058	29 minutes ago	Cooling Tower & Remelt	VM1000	HTTP	Hulamin	10	60	1450	374	..2018	..2018	..6008		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮

Page Layout

The page is divided into two main sections:

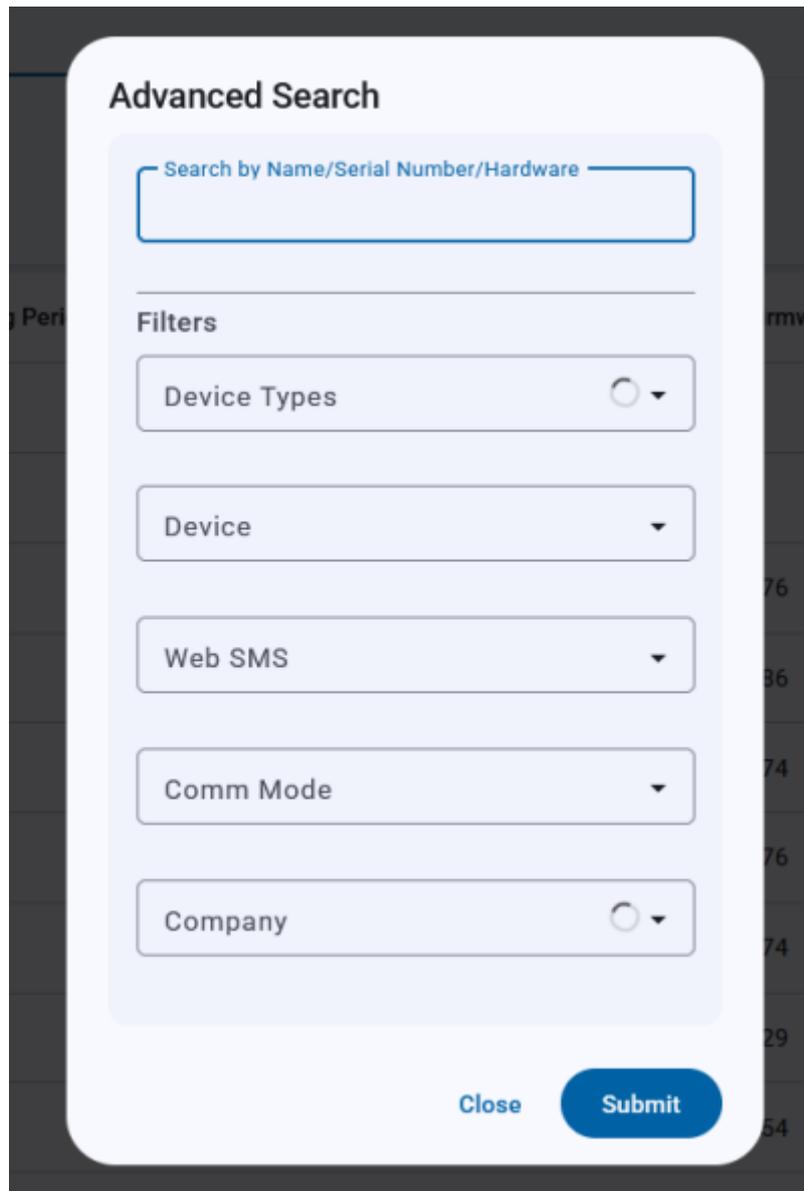
- **Header Section** – Search, filters, and bulk actions
- **Device Grid** – A selectable, paginated list of devices

Header Section

The header provides tools to find devices and perform actions on selected devices.

Search & Filters

- Use the **search bar** to find devices by name, identifier, or other supported attributes.
- Advanced filters may be available depending on configuration.
- Applied filters are displayed so you can quickly review or clear them.



Selection Awareness

- When you select one or more devices in the grid, the header reflects the **number of selected devices**.
- Some bulk actions may only become available when at least one device is selected.

ID	Last Seen	Name	Type	Comm Mode	Company	Log Period	Upload Period	Download Period (Bytes)	Firmware Revision	Hardware Identifier	Serial Number	CID	MAC Address	Enabled	SMS	Actions
5	6 years ago	Shelby Smart Tool	Gateway	HTTP	Sealtek SA	60	360	720	1	0000	0000	0000	0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	invalid date	Super Brain	Gateway	HTTP	Farnid Story	5	60	60	1	0000	0000	0000	0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	2 years ago	New Super	HM1000	HTTP	Wagoj PlehmannLüburg	60	60	120	176	0011	0011	0011	0011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	7 years ago	Anthony Dennis	HM1000	HTTP	Farnid Story	10	1440	1500	186	0490	0490	0490	0490	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	6 years ago	HM 1000 40	HM1000	HTTP	Farnid Story	5	20	60	274	0229	0229	0229	0229	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	invalid date	HM 1000 Multi Mod	HM1000	HTTP	Farnid Story	5	20	120	176	0000	0000	0000	0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	2 years ago	HM 1000 410	HM1000	HTTP	Egon	5	10	3600	276	0567	0567	0567	0567	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	6 years ago	HM 1000 42	HM1000	HTTP	Farnid Story	4	20	60	529	0041	0041	0041	0041	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4008	7 years ago	HM3001	HM1000	HTTP	Farnid Story	5	10	60	394	0000	0000	0000	0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4041	invalid date	MPS104M24FC113	Gateway	HTTP	Sealtek SA	60	720	720	1	0000	0000	0000	0000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Device Grid

The grid displays devices and supports server-side pagination, sorting, and multi-selection.

Grid Features

- **Multi-row selection** using checkboxes
- **Pagination** with configurable page size
- **Sorting** by clicking column headers
- **Loading indicator** while data is retrieved
- **Empty state message** when no results are found

Page Size Options

- 25 devices
- 50 devices
- 100 devices

Device Status & Connectivity

Online Indicator

- A **green animated dot** indicates an online device
- A **red dot** indicates an offline device
- Hovering over the indicator shows the **last sync date and time**

Last Seen

- Displays the last time the device communicated with the platform
- Exact timestamp is available on hover

Device Details Columns

Device Name

- Click the device name to open the **device details page**

Communication Mode

- Displayed as a chip (for example: MQTT, LoRa, Cellular)

Identifiers (Copyable)

The following identifiers may be shown as chips:

- IMEI
- Serial Number
- SIM CCID
- MAC Address

For each identifier:

- Only the last 4 digits are visible
- Click the chip to **copy the full value to clipboard**
- A confirmation message is shown after copying

Device Configuration Flags

Enabled

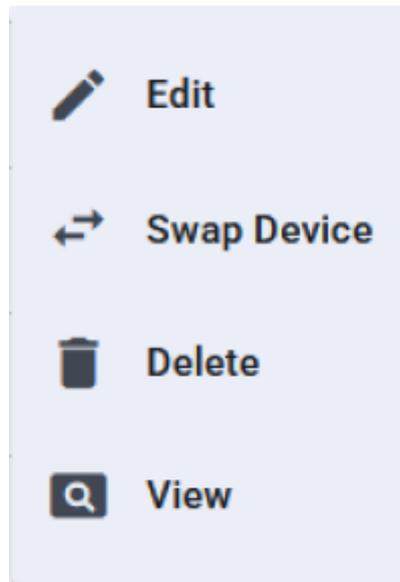
- Indicates whether the device is enabled
- Displayed as a read-only checkbox

Web SMS

- Indicates whether Web SMS is enabled for the device
- Displayed as a read-only checkbox

Device Options Menu

Each device row includes an **Options (⋮) menu**. Available actions depend on your permissions, the device type, and communication mode.



Common Actions

Edit Device

- Update device configuration and metadata

Swap Device

- Replace or reassign a device

Swap LoRa Provider

- Available only for LoRa devices
- Requires appropriate provider permissions

View Device

- Opens the device details page

Delete Device

- Permanently removes the device

Download Certificates

- Available only for MQTT devices
- Downloads device security certificates

Note: Actions are hidden if you do not have the required permissions.

Permissions & Safety Rules

- All actions are protected by role-based permissions
- Some actions are conditionally available based on:
 - Communication mode (MQTT, LoRa, etc.)
 - Tenant / company ownership
 - Read-only fields cannot be edited from the grid

Typical User Workflow

- Search or filter to locate devices
- Review device status and identifiers
- Select one or more devices if bulk actions are needed
- Use the options menu to manage an individual device
- Click the device name to view detailed information

Tips & Best Practices

- Use copyable chips to safely share device identifiers
- Check online status before performing maintenance
- Confirm communication mode before downloading certificates or swapping providers

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