

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.

Dashboard > Physical Devices

Allocated Unallocated

Allocated Devices Global

Search by Name/Seria...

<input type="checkbox"/>	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
<input type="checkbox"/>	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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<input 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"/>	⋮
<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"/>	⋮

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Page Layout

The page is divided into two main sections:

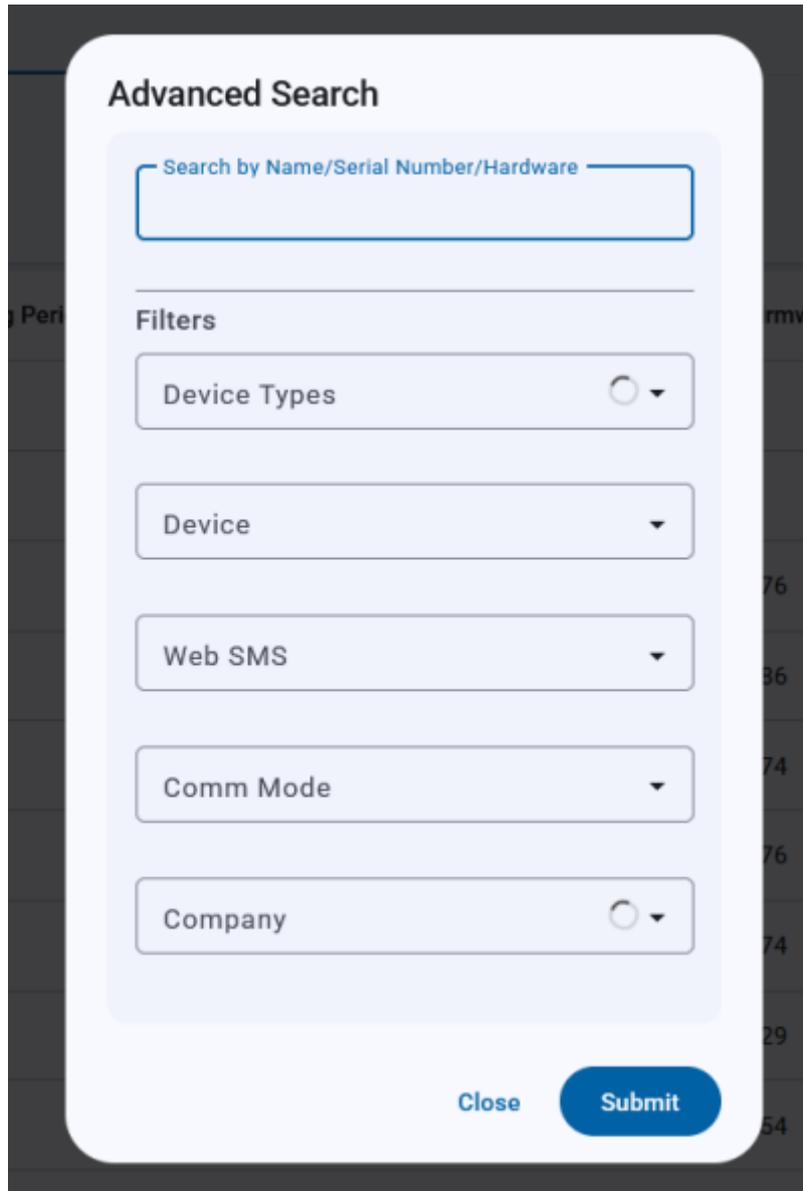
- **Header Section** – Search, filters, and bulk actions
- **Device Grid** – A selectable, paginated list of devices

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.

Allocated Devices Global

Search by Name/Seria... 25 selected X

<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	5	6 years ago	Bradley Geysler Test	Geysler	HTTP	Sealtron SA	60	360	720	1	..8830	..8830	..0686		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	17	Invalid date	Geysler Brian	Geysler	HTTP	Farend Diary	5	60	80	1	..0508	..0508	..6203		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	18	2 years ago	New Spare	VM1000	HTTP	Ikhaya Pietermaritzburg	60	60	120	176	..2611	..2611	..7532		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	21	7 years ago	Anthony Device	VM1000	HTTP	Farend Diary	10	1440	1500	186	..0490	..0490	..5650		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	25	6 years ago	VM1000 #8	VM1000	HTTP	Farend Diary	5	20	60	274	..3239	..3239	..5775		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	28	Invalid date	VM1000 Radio Mod	VM1000	HTTP	Farend Diary	5	20	120	176	..9855	..9855	..7532		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	29	2 years ago	VM1000 #10	VM1000	HTTP	Egsa	5	15	3600	274	..2587	..10	..7359		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	30	6 years ago	VM Brian #2	VM1000	HTTP	Farend Diary	4	20	60	329	..3581	..3581	..7359		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	6038	7 years ago	VM3021	VM1000	HTTP	Farend Diary	5	15	60	354	..1650	..1650	..8324		<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮
<input checked="" type="checkbox"/>	6041	Invalid date	MP06184626FC725	Geysler	HTTP	Sealtron SA	60	720	720	1	..0635	..0635			<input checked="" type="checkbox"/>	<input type="checkbox"/>	⋮

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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

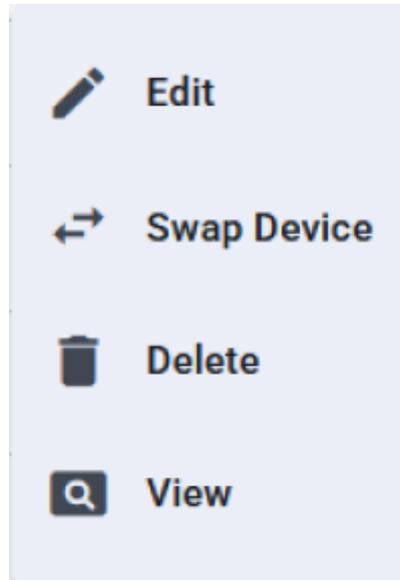
- Indicates whether the device is enabled
- Displayed as a read-only checkbox

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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