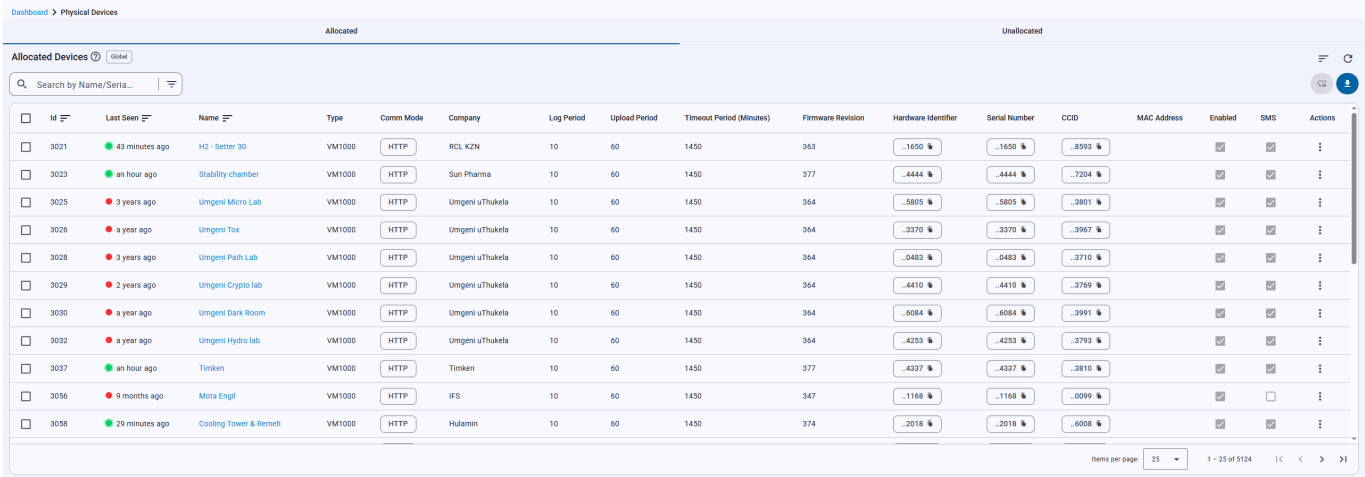
Allocated Devices

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.



Page Layout

The page is divided into two main sections:

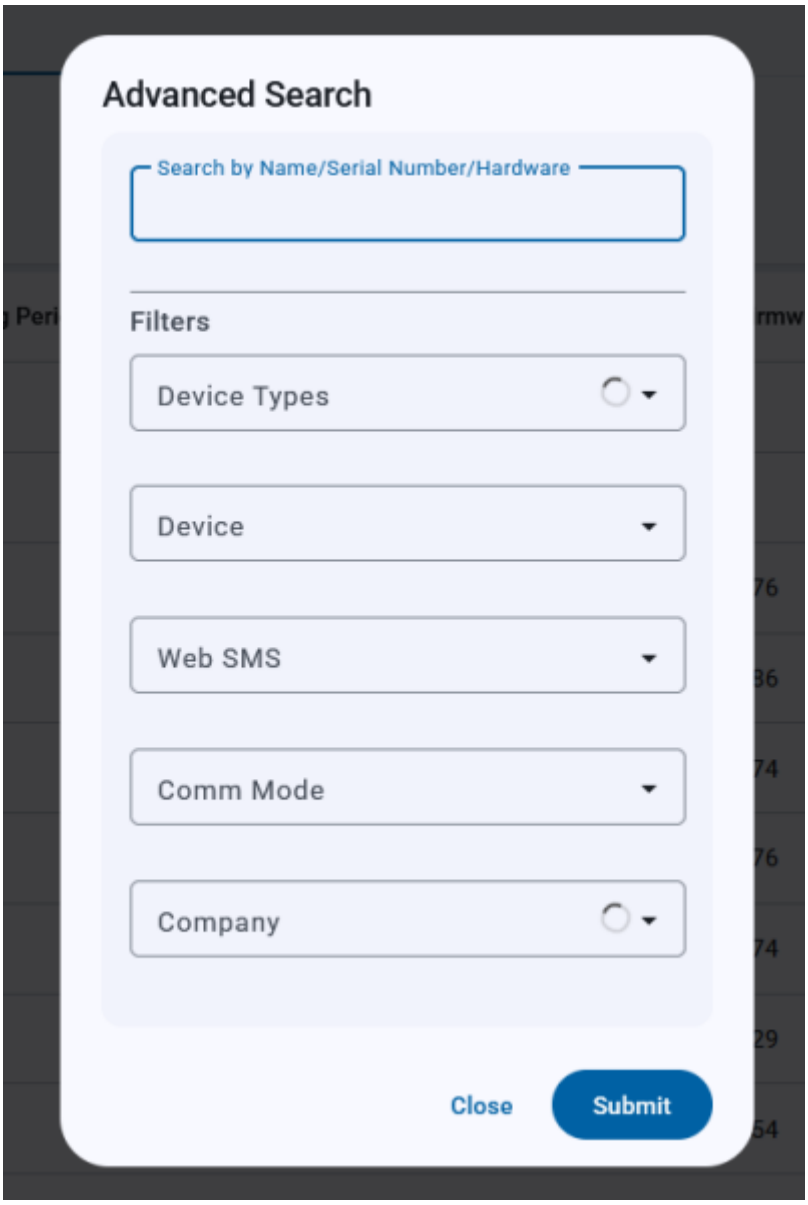
- **Header Section** – Search, filters, and bulk actions
- **Device Grid** – A selectable, paginated list of devices

Header Section

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

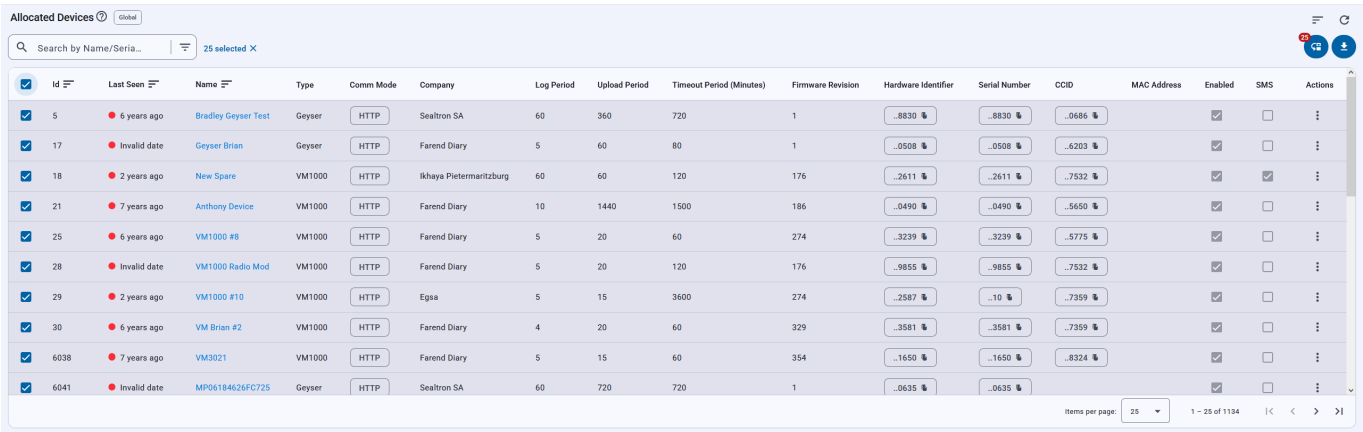
Search & Filters

- 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.



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

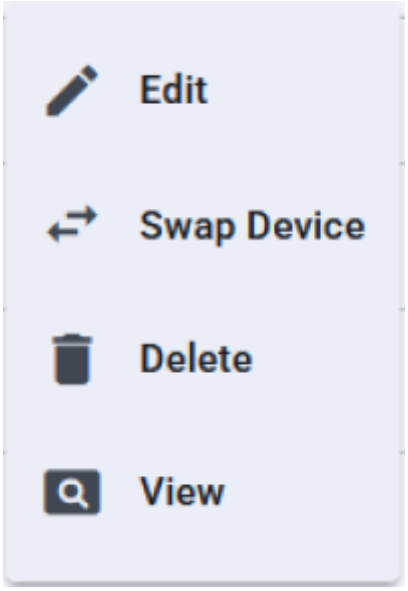
- Indicates whether the device is enabled
- Displayed as a read-only checkbox

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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