

Elements

The screenshot shows the 'Elements' page in the Zequenze FLUX admin portal. The page is titled 'SELECT ELEMENT TO CHANGE' and has a breadcrumb trail: Home > Inventory > Elements. The main content area is divided into a 'General' tab and a 'Status map' tab. The 'Status map' tab shows a map with a single green location pin. Below the map is a table of network elements with the following columns: Name, Status, and Profile. The table contains 15 rows of data, including HUB11 (Down), HUB10 (Up), OLT6 (Up), OLT5 (Up), OLT4 (Up), OLT3 (Up), OLT2 (Up), HUB9 (Up), HUB8 (Up), HUB7 (Up), HUB6 (Up), and HUB5 (Up). The 'Profile' column lists various device types like 'Cisco IOS routers', 'Mikrotik RouterOS appliances', and 'Net. appliance'. A sidebar on the left contains navigation options: Dashboard, Automation, Inventory (selected), Settings, Configuration blocks, Profiles, Metrics, Groups, Scripts, Locations, Credentials, and User log. A filter panel on the right allows for advanced filtering of the data, with options for 'Active filters', 'Active alert', 'Previous status change', 'Records per page', 'Element', 'Is child', 'Class', and 'Profile'. The footer of the page shows '2026 © zequenze' and 'FLUX admin portal (dev) v1.0.0-dev'.

Name	Status	Profile
HUB11 parent: Región	Down	Cisco IOS routers Router
HUB10 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance
OLT6 parent: HUB	Up	Mikrotik RouterOS appliances Net. appliance
OLT5 parent: HUB	Up	Mikrotik RouterOS appliances Net. appliance
OLT4 parent: HUB	Up	Mikrotik RouterOS appliances Net. appliance
OLT3 parent: HUB	Up	Mikrotik RouterOS appliances Net. appliance
OLT2 parent: HUB	Up	Mikrotik RouterOS appliances Net. appliance
HUB9 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance
HUB8 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance
HUB7 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance
HUB6 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance
HUB5 parent: Región	Up	Mikrotik RouterOS appliances Net. appliance

Overview

The Inventory Elements page in the Zequenze CONTROL Portal provides a comprehensive view of all network elements and devices managed within the system. This centralized dashboard allows administrators to monitor device status, manage configurations, and perform various operations on network infrastructure components.

Key Features

- **Real-time Status Monitoring:** View current operational status of all network elements
- **Interactive Map View:** Visual representation of device locations with status indicators
- **Advanced Filtering:** Multiple filter options to quickly locate specific elements
- **Bulk Operations:** Import, export, and manage multiple elements simultaneously
- **Status Tracking:** Monitor changes in device states over time
- **Profile Management:** View and manage device profiles and configurations

UI Elements

Navigation Bar

- **Home** → **Inventory** → **Elements** breadcrumb navigation
- Language selector (English flag icon)
- User profile indicator showing logged-in user (ipenaa@zequenze.com)
- Organization context (org: Zequenze)

Tab Navigation

- **General**: Current active tab showing element listing
- **Status map**: Tab for geographical distribution view

Search and Filter Controls

- **Search Bar**: Text-based search functionality for finding specific elements
- **View Mode Toggle**: Toggle with "1" indicator for viewing options
- **Location Filter**: Map pin icon button for location-based filtering
- **Import Button**: Upload element configurations from external files
- **Export Button**: Download element data and configurations
- **Reports Button**: Generate reports on element status and performance
- **Add Button (+)**: Create new network elements
- **X Button**: Clear current filters or selections
- **Filter Panel**: Advanced filtering options on the right side with "Proceed" button

Map View

- Interactive map with green location markers showing device locations
- Style selector (currently set to "emerald-v8")
- Reset button to restore default map view
- Zoom controls (+ and - buttons)
- Fullscreen toggle option
- Map powered by Leaflet | © Mapbox | © OpenStreetMap

Data Displayed

The main table shows detailed information about network elements:

Column Structure

- **Name:** Element identifier with clickable links and parent information
- **Status:** Current operational state (Up/Down with colored indicators)
- **Profile:** Associated device profile and type information with expandable details

Element Types and Status

The table displays various network elements including:



- **HUB11:** Network hub (Status: Down) with parent: Región, using Cisco IOS routers Router profile
- **HUB10:** Network hub (Status: Up) with parent: Región, using Mikrotik RouterOS appliances Net. appliance profile
- **OLT6, OLT5, OLT4, OLT3, OLT2:** Optical Line Terminals (Status: Up) with parent: HUB, using Mikrotik RouterOS appliances Net. appliance profile
- **HUB9, HUB8, HUB7, HUB6, HUB5:** Additional network hubs (Status: Up) with parent: Región, using Mikrotik RouterOS appliances Net. appliance profile

Parent-Child Relationships

Elements display hierarchical relationships:

- **parent:** label with linked parent element name and navigation icon (⊕)
- Visual indication of element hierarchy within the network infrastructure

Status Indicators

-  **Green dot:** Element is operational (Up)
-  **Red dot:** Element is down or experiencing issues
- **Profile badges:** Show device categories with detailed profile information and expandable dropdown arrows (Router, Net. appliance, etc.)

User Interactions

Search and Discovery

- Use the search bar to find elements by name or identifier
- Toggle view modes using the view mode button (showing "1" indicator)
- Apply location-based filters using the map pin icon

- Apply filters using the right-side filter panel
- Toggle between General and Status map views
- Clear filters using the X button
- Navigate parent-child relationships by clicking on parent links

Element Management

- Click on element names to access detailed configuration
- Use bulk operations for managing multiple elements
- Import/export configurations for backup or migration
- Reset map view to default settings
- Expand profile information using dropdown arrows for detailed device specifications

Status Monitoring

- Monitor real-time status changes
- View historical status information
- Set up alerts for status changes

Navigation

Access Path

Home → Inventory → Elements

Related Sections

- **Settings:** Configure element parameters
- **Configuration blocks:** Manage configuration templates
- **Profiles:** Define device profiles
- **Metrics:** View performance data
- **Groups:** Organize elements into logical groups
- **Scripts:** Automation and scripting tools
- **Locations:** Manage device locations
- **Credentials:** Access and authentication management
- **User log:** Activity tracking and audit trail

Actions Available

Individual Element Actions

- **View Details:** Click element name for detailed information
- **Edit Configuration:** Modify element settings
- **Status Management:** Monitor and troubleshoot connectivity
- **Expand Profile Details:** Use dropdown arrows to view complete profile specifications
- **Navigate Hierarchy:** Click parent links to view parent element details

Bulk Operations

- **Import Elements:** Upload multiple element configurations
- **Export Data:** Download element information and configurations
- **Generate Reports:** Create status and performance reports
- **Add New Elements:** Create single or multiple network elements
- **Clear Filters:** Use X button to reset current filter selections
- **Proceed:** Execute batch operations on filtered results

Map Controls

- **Reset:** Restore map to default view and settings
- **Style Selection:** Choose different map styles (emerald-v8 currently selected)

Filtering Options

- **Active Filters:** 4 Hidden active filters applied
- **View Mode:** Toggle button with "1" indicator for different viewing options
- **Location Filter:** Map pin icon for geographical filtering
- **Records per page:** Currently set to 50 records display limit
- **Status Filters:** Filter by operational state
- **Profile Filters:** Filter by device type or profile
- **Element Type:** Filter by specific element categories

Filter Panel Options

The right-side filter panel provides advanced filtering capabilities:

- **FILTER** header with close button (X) in the top-right corner
- **Proceed Button:** Execute filtering operations on selected criteria (highlighted in green, appearing at the top of the panel)
- **Active filters:** Shows "4 Hidden" indicating multiple active filters
- **Active alert:** Filter by alert status with "Any or no date/time" dropdown

- **Previous status change:** Filter by timing of status changes with "Any or no date/time" dropdown
- **Records per page:** Set to 50 records with dropdown selector
- **Records per page (secondary):** Set to 5000 records option available
- **Element:** "Click for options" expandable menu for element selection
- **Is child:** Filter for child elements with "All" dropdown selection
- **Class:** "Click for options" expandable menu for class-based filtering
- **Profile:** "Click for options" expandable menu for profile-based filtering

Notes/Tips

- **Performance:** The page shows 49 results with configurable record limits for optimal viewing
- **Real-time Updates:** Status indicators provide live monitoring capabilities
- **Enhanced Filtering:** Multiple active filters (4 Hidden) enable precise element selection with expandable filter panel for detailed configuration
- **Visual Feedback:** Color-coded status indicators for quick assessment
- **Responsive Design:** Map view can be expanded to fullscreen for better visibility, and filter panel can be expanded to show all available options
- **Data Export:** Use export functionality for reporting and backup purposes
- **Advanced Filtering:** Proceed button enables batch operations on filtered results and is highlighted in green for clear action identification
- **Quick Reset:** Use the X button to quickly clear active filters and the Reset button to restore default map view
- **Filter Panel Management:** The filter panel can be closed using the X button in the top-right corner to provide more screen space for the main content
- **Flexible Pagination:** Records per page can be adjusted using dropdown selectors for different viewing preferences
- **Status Change Tracking:** Previous status change filter enables monitoring of recent device state transitions
- **Alert Management:** Active alert filtering allows monitoring of elements with current alerts
- **Detailed Profile Information:** Expandable profile dropdown arrows provide access to comprehensive device specifications and classifications
- **View Customization:** Use the view mode toggle to switch between different data presentation formats
- **Location-Based Filtering:** The map pin icon provides quick access to geographical filtering options
- **Hierarchical Navigation:** Parent links with navigation icons enable quick traversal through the element hierarchy
- **Multiple Filter Categories:** Filter panel includes Class and Profile options for more granular element selection