



ECCM

ELTEX Cloud Configuration Manager

ECCM (ELTEX Cloud Configuration Manager) is a centralized system for network equipment management.

The system is managed via modern and user-friendly web interface which provides convenient tools to customize the system and network equipment to user's needs.

Handling Device Configurations

According to user-defined rules, the ECCM system automatically searches the network for supported devices and starts monitoring all subsequent configuration changes.

The system allows a user to change configuration of specific devices manually. Each time a device configuration is changed, the ECCM system complements the incremental backup database. Any saved configuration version, as well as its differences from another selected version, can be viewed by a system user and applied to a device on user's command.

Network Configuration Automatization

The system allows reducing labor costs when replacing faulty equipment with similar ones.

Working with Device Firmware

Timely updating of network equipment is one of the most important aspects of maintaining a high level of network security. ECCM makes it possible to update device firmware individually or in groups. Updating is started manually.

Key Features

- Monitoring of device configuration and inventory data
- Managing device configurations
- Centralized firmware updating
- Device groups with different access rights
- Flexible rights and roles settings
- Network maps with automatic detection of links between devices via LLDP
- Group configuration of devices with Junja templates support
- Zero Touch Provisioning (ZTP) basic implementation
- IP fabric creation wizard

Development Plan

- Extending the list of supported ELTEX equipment
- Expanding the functionality of ZTP
- Improving the performance of device monitoring via SNMP
- Interface for network management in data center
- Expanding the functionality of the monitoring system

Features and Capabilities

- | | |
|--|---|
| - Individual device rebooting, updating and configuring operations | - Group configuration of devices |
| - Preparing device configurations | - Network mapping operations |
| - Tracking of device configuration changes in real time | - Integrated DHCP server with Zero Touch Provisioning (ZTP) |
| - Real-time monitoring of the current status of devices | - Use of Jinja templates in preparation for configuration |
| - Collecting and storing device inventory data | - Search for devices on the network |
| - Device groups with different access rights | - Automatic physical link discovering between devices on network maps |
| - Scheduler for group firmware updates on devices | - IP fabric creation wizard |
| - Flexible rights and roles settings | |