

- Device configuration and inventory data monitoring
- Logging and analyzing events on the equipment, detecting network issues
- Device configuration management
- Centralized firmware updating
- Device groups with different access rights
- System user rights and roles configuration
- User authorization via external LDAP/MSAD server
- Authentications and user actions logging
- Network maps with automatic detection of links between devices via LLDP
- GUI for configuring firewall on ESRs and WLCs
- Device terminal emulator
- Group configuration of devices with Jinja templates support
- Zero Touch Provisioning (ZTP) basic implementation
- IP fabric creation wizard



## ELTEX Cloud Configuration Manager

ECCM (ELTEX Cloud Configuration Manager) — is a cloud-based system for network equipment management.

The system is managed via user-friendly web interface that provides convenient tools for customizing the system and network equipment to the user's needs.

### Handling device configurations

According to user-defined rules, the ECCM 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 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.

To manage firewalls on the ESR and WLC devices, a GUI is provided.

### Network configuration automatization

The system minimizes the labor required to reconfigure devices when replacing failed equipment with similar ones. It provides tools for generating configurations from templates and applying them to groups of devices.

### Working with device firmware

One of the most important aspects of maintaining a high level of network security is timely updating the firmware of network equipment. The ECCM makes it possible to update the firmware of devices individually or in groups.

The updating is launched manually.

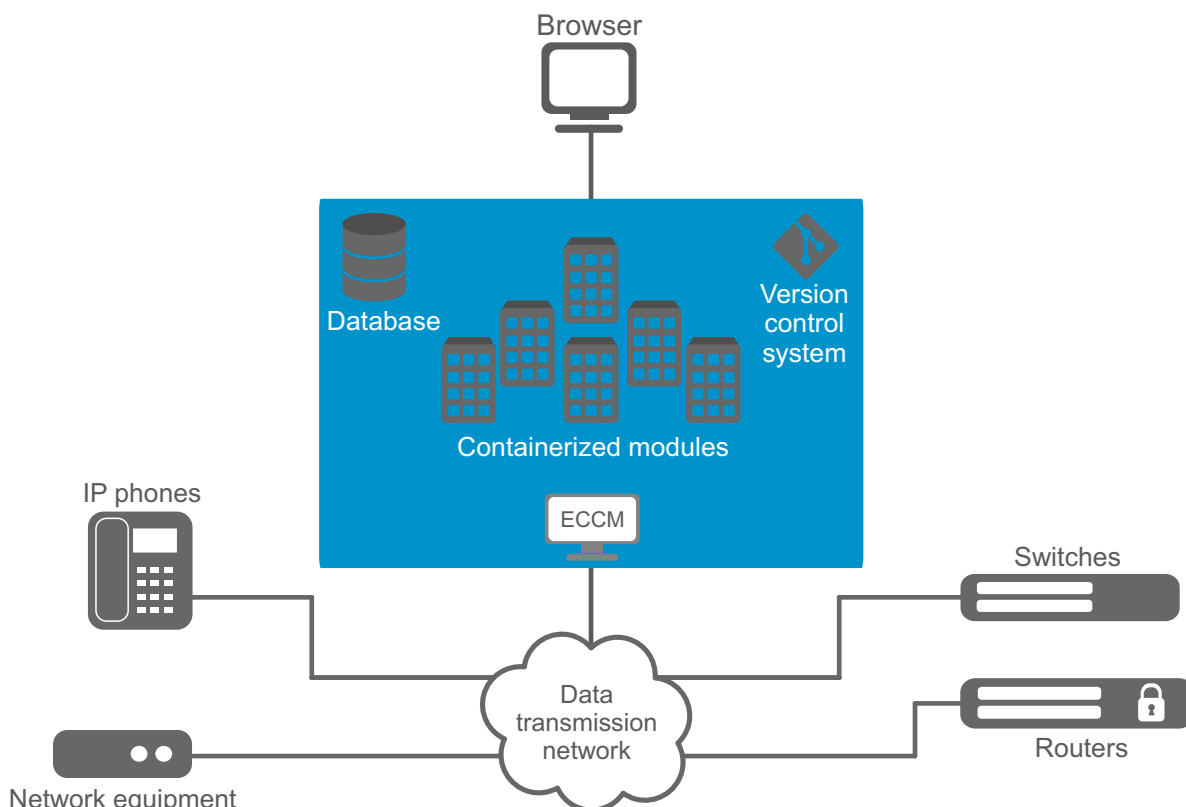
### Event and issue management

ECCM implements services for collecting various data about network equipment, event logging, analyzing, issue detecting and sending notifications to users.

## Features and capabilities

- Performing operations on individual devices: rebooting, firmware updating, configuration editing
- Preparing device configurations
- Using Jinja templates when preparing the configurations
- Configuring firewall on service routers and wireless access controllers
- Group editing of device configurations
- Monitoring of device configuration changes
- Connecting to the device using a terminal emulator
- Service for storing firmware for devices
- Group update scheduler
- Maintenance of stacked switches
- Device grouping and user access restriction
- User roles with different rights
- Integration with LDAP and Active Directory
- User authentications monitoring
- User actions monitoring
- User sessions monitoring and management
- Real-time device state monitoring
- Collecting, storing, and analyzing inventory data and metrics from devices
- Device availability survey
- Detecting network issues based on event analysis
- Receiving, filtering and analyzing SNMP traps of devices
- Viewing detailed information about accepted traps
- Monitoring and processing SNMP traps of external vendor devices
- Downloading and viewing MIB files of external vendor devices
- Receiving, filtering and analyzing Syslog messages from devices
- Creating user dashboards
- Sending notifications about issues and events via email/telegram channels

## Use case




## Supported devices

MES	ESR	ME	SMG <sup>1</sup>	TAU	WLC
MES1024	ESR-1x	ME2001	SMG-2	TAU-16.IP	WLC-15
MES11xx	ESR-15, ESR-15R	ME5000	SMG-4	TAU-24.IP	WLC-30
MES14xx	ESR-2x, ESR-2x FSTEC	ME5000M	SMG-200	TAU-32M.IP	WLC-3200
MES21xx	ESR-30, ESR-30 FSTEC	ME5100	SMG-500	TAU-36.IP	
MES22xx	ESR-31	ME5100S	SMG-1016M	TAU-72.IP	
MES23xx	ESR-100, ESR-100 FSTEC	ME5100 rev.X	SMG-2016		
MES2300-xx	ESR-200, ESR-200 FSTEC	ME5200	SMG-3016		
MES24xx	ESR-1000, ESR-1000 FSTEC	ME5200S			
MES2410-xx	ESR-1200				
MES2420-48P	ESR-15xx, ESR-15xx FSTEC				
MES2420B-24D	ESR-1700				
MES31xx	ESR-3100				
MES33xx	ESR-3200, ESR-3200 FSTEC				
MES3300-xx	ESR-3200L				
MES3400-xx	ESR-3300, ESR-3300 FSTEC				
MES35xx	vESR				
MES3500-xx					
MES36xx					
MES37xx					
MES53xx					
MES5300-48					
MES5310-48					
MES53xxA					
MES54xx					
MES5400-xx					
MES5410-48					
MES5500-xx					
MES7048					

<sup>1</sup> SMG-2, SMG-4, SMG-200, SMG-500 — monitoring only;  
SMG-1016M, SMG-2016, SMG-3016 — for firmware version 3.20.5.X and later.

### Contact us

  
+7 (383) 274 10 01  
+7 (383) 274 48 48

  
eltex@eltex-co.ru

  
www.eltex-co.com

### About ELTEX

**ELTEX** Enterprise is a leading Russian developer and manufacturer of communication equipment with 30 years of history. Complete solutions and their seamless integrability into the Customer's infrastructure are the priority growth areas of the company.