



EMS

ELTEX Centralized Management System

- Monitoring of the main devices characteristics
- Online display of the device failures in text and graphic forms
- Grouping line terminals into nodes with a capability to display all failures of a selected node
- Automatic search for Eltex devices in network

Eltex.EMS is a centralized management system of the network equipment which is manufactured by Ltd Eltex Enterprise. The Eltex.EMS system is based on the client/server architecture. The single access server provides a Web interface allowing independent and simultaneous control over different network elements.

Management Automation Subsystem (Northbound Interface)

Management automation subsystem (Northbound Interface) is designed to provide EMS system integration with superior OSS/BSS of a provider. Especially, it allows integrating with an operator billing system by standardized open protocols; it allows automating such routine operation as mass disconnection of subscriber ports with unpaid service, following connection of service in accordance with payment and changing device configuration.

System Installation

The Eltex.EMS system can be provided as a distributive (of deb packets) for wide-spread Linux operation systems – Ubuntu Server 14.04 amd64 LTS and Ubuntu Server 16.04 amd64 LTS. Virtualization is possible. The company supports public deb repository that provides quick and simplified installation of packets for demonstration and maintenance on customer's servers.

Key System Capabilities

- System redundancy
- Monitoring of the main device parameters: operation time, temperature, process loading, work of coolers, software version and serial number
- Statistic monitoring by physical and logical interfaces
- Tracking temperature of terminals, drawing graphs and sending email notifications
- Group operations with devices
- Visualisation of device external view with the current status of ports and sensors displayed
- Subscriber profile management for all device types
- Power supply monitoring
- Automatic update of device firmware
- Automation of configuration files processing
- System for collecting and storing the alert messages received via SNMP
- Quick launch system for main configuration tools: SSH, TELNET, Web
- Centralized collection of device messages via Syslog with a possibility to filter and display them in text format
- Subscriber port control: DSLAM, PON and VoIP configurations, profile assignment



Iran
Communications
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Supported Eltex Devices

PON Equipment

- GPON
 - OLT LTP-4X
 - OLT LTP-8X
 - MA4000-PX
- EPON/TurboGEPON
 - OLT LTE-2X
 - OLT LTE-8X

Ethernet Switches

- Access
 - MES1000
 - MES2100
 - MES2300
- Aggregation
 - MES3100
 - MES3200
 - MES3300
 - MES3500
 - MES5100
 - MES5200
 - MES5300

VoIP Devices

- Trunk gateways
 - SMG-2; SMG-4
 - SMG-1016M
 - SMG-2016
- Subscriber gateways
 - TAU-16.IP
 - TAU-24.IP
 - TAU-32M.IP
 - TAU-36.IP
 - TAU-72.IP
 - MSAN MC1000-PX

DSLAM Devices

- MXA-32; MXA-64

Power Supply Devices

- UEP2-3; UEP2-5; UEP3-3; UEP4-1