- **Single point of network access control**
- **Policy-based security**
- **Compliance with information security requirements**
- **Flexible integration with existing infrastructure**



Network Access and Information Control Engine

Eltex NAICE is a system for managing access to enterprise network resources. The solution is designed for centralized management of user access policies for wired and wireless networks and network equipment. The system is managed through a modern web interface.

NAICE is a multi-vendor solution that supports interaction with network equipment via the RADIUS and TACACS+ protocols.

Features and capabilities

Access management

— Verification of endpoint compliance with information security requirements (Posture)
— Centralized access policy management
— Customer segmentation by attributes
— Profiling by MAC-OUI and DHCP probes
— Logging of access events and active RADIUS session monitoring
— Role-based access control model with two-factor authentication (2FA) for web interface login

Authentication and authorization

— Support for network user authentication via 802.1X (EAP-PEAP, EAP-TLS, EAP-TTLS, PAP, MS-CHAPv2)
— MAC Authentication Bypass (MAB)
— Two-factor authentication (2FA) access control for network equipment via TACACS+
— Captive Portal authentication support: SMS registration, authorization using a local database, MS AD, LDAP/S
— Support for limiting the number of concurrent connections per RADIUS account
— Support for dynamic RADIUS CoA

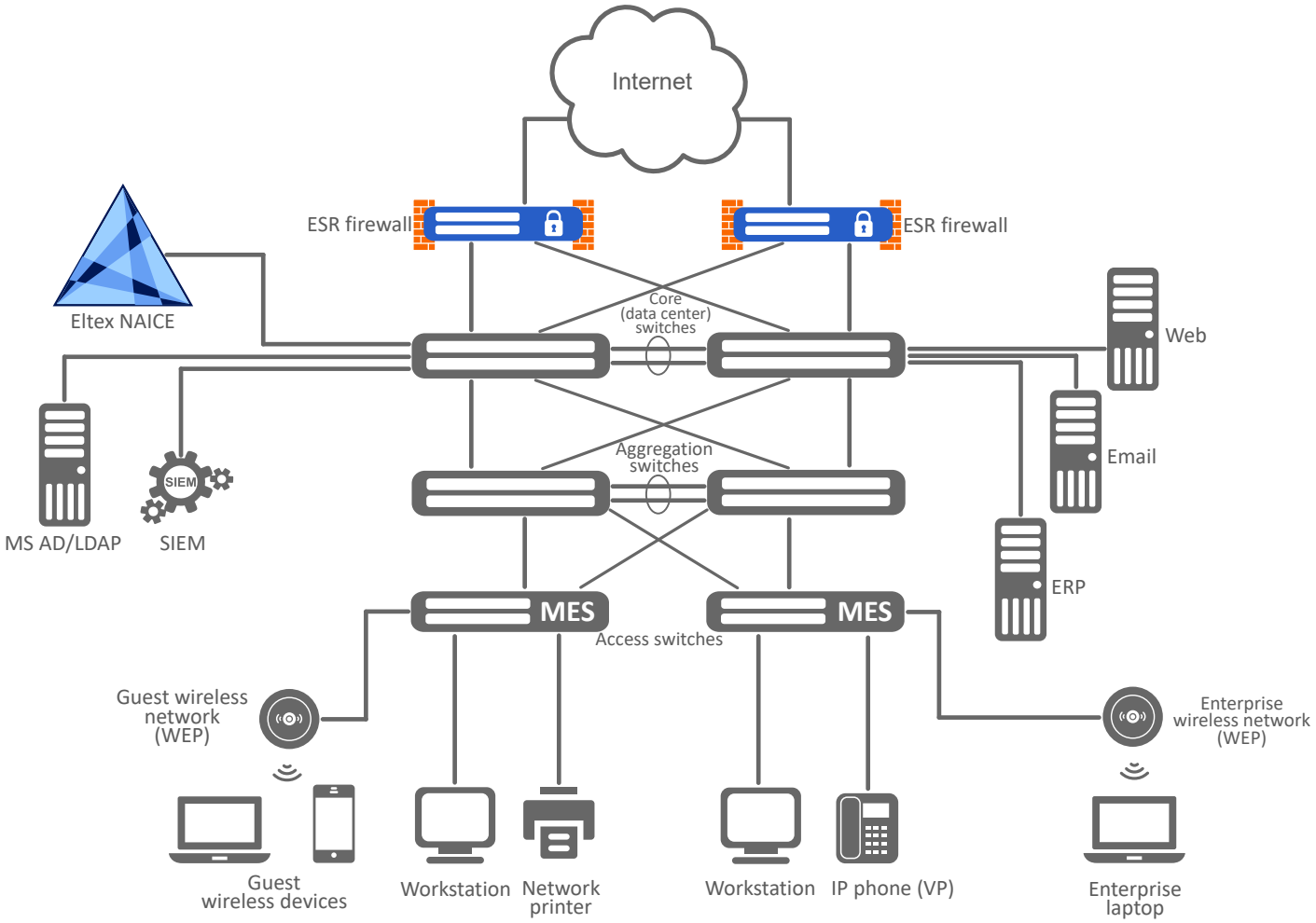
Integration capabilities

— Support for external data sources, including MS AD and LDAP/S, for authentication of network users, network administrators, and NAICE system users
— Support for sending network user authentication and authorization events (RADIUS), network administrator events (TACACS+), NAICE administrator actions, and other logged system events to external SIEM platforms or log collectors. Transmission is performed over UDP/TCP in CEF (Common Event Format) with the ability to select which events are sent.
— Integration with an SMTP email server for sending notifications
— Integration with TOTP and email OTP for two-factor authentication (2FA) during web interface login

Technical features

— Support for Astra Linux 1.7/1.8, Red OS 7.3/8.0, Ubuntu 24.04 LTS, Debian 13
— OVA and QCOW2 images based on Debian 13, Ubuntu 24, Red OS 8.0
— Active-Active redundancy scheme
— Support for licensing via a license server (online or in an isolated network) and file-based licensing tied to hardware characteristics
— Access to an unlimited demo mode without obtaining a license
— Support for integration with Eltex Peeper, a monitoring system for Eltex software products

Use case



Ordering information

Name	Description
NAICE	Eltex NAICE (Network Access and Information Control Engine)

Contact us

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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.