

eauditor®

A comprehensive system for managing IT
infrastructure and security

Information folder



FIRST OF ALL

THANK YOU

FOR YOUR INTEREST IN THE SYSTEM

I invite you to learn more about our comprehensive infrastructure management software and IT security. We make every effort to ensure that the system meets expectations from both the functional as well as usable, while maintaining the highest standards. This document is a source of information about the latest version of eAuditor. I wish you a pleasant reading.

Maciej Kaczyński
CEO

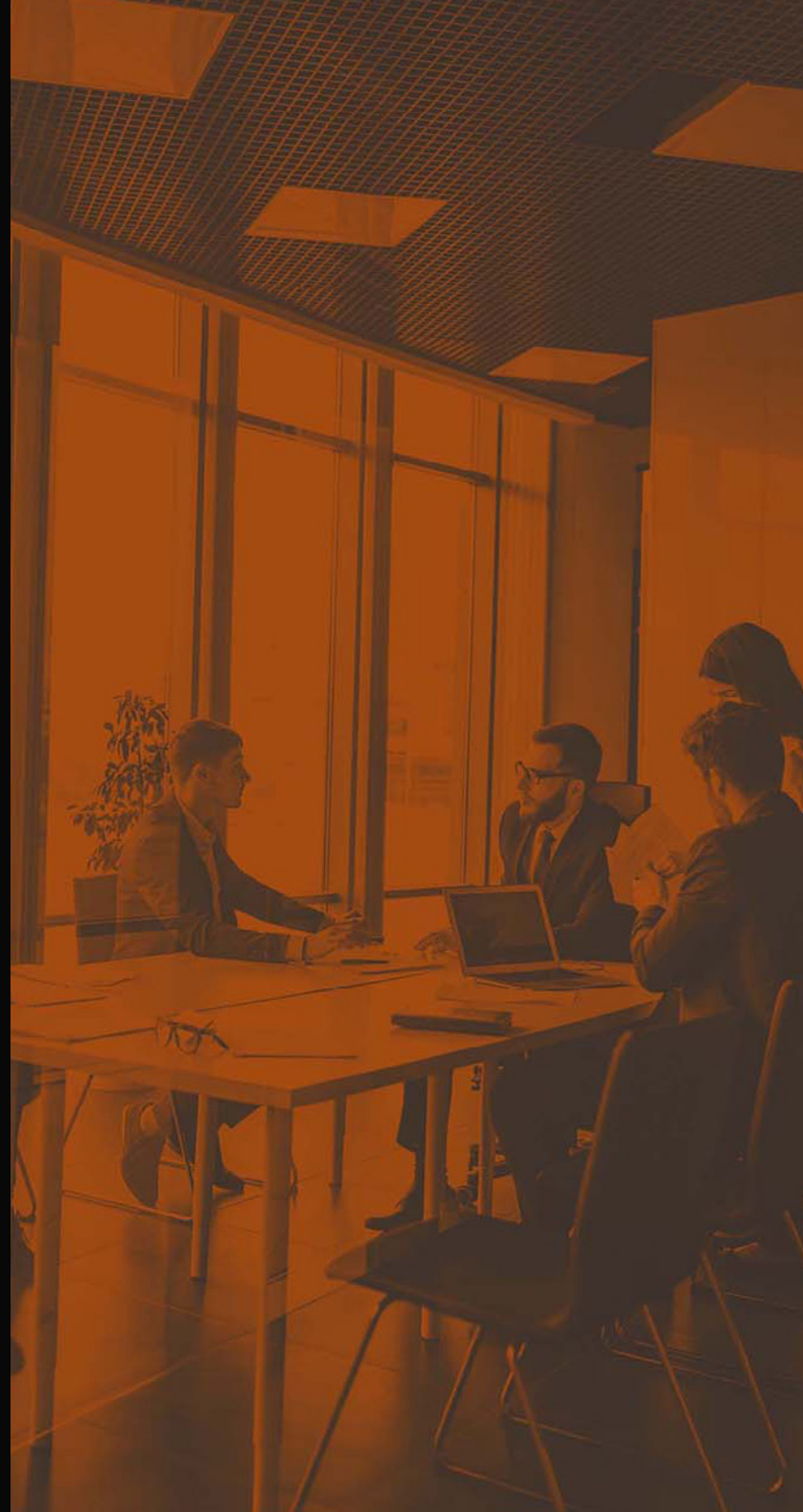


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BTC AI

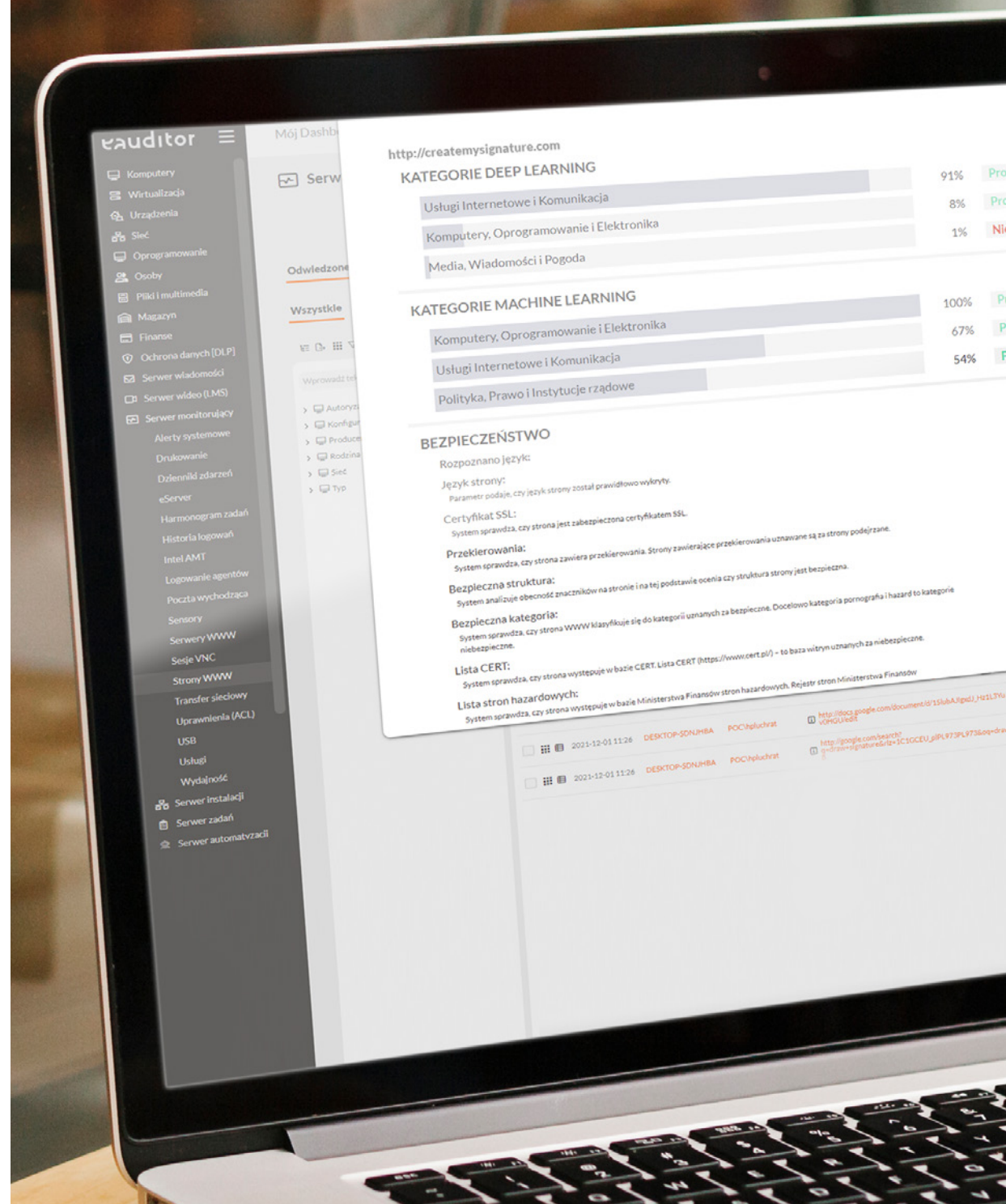
The first innovative solution on the Polish market, that allows you to even more effectively strengthen IT security.

- Automatic classification of websites
- Automatic classification of system processes and applications
- Blocking dangerous websites
- Blocking unsafe system processes and applications
- Category, security, and productivity analysis
- Two artificial intelligence technologies: Machine Learning and Deep Learning
- Available APIs

DASHBOARD

A new generation of graphical presentation of data from the IT infrastructure in the form of interactive widgets.

- More than 100 widgets
- Full responsiveness
- Dynamic data filtering
- Directly navigate to the data source



SECURITY DASHBOARD

New dashboard showing elements of network operation, computers, and users affecting IT security.

- More than 30 interactive widgets
- Presentation of unsafe IT behavior
- Presentation for organizational structure, group of computers
- Presentation of changes in a time interval

NETWORK DASHBOARD

Map of device-network-service connections presented in the form of a table.

- Connection status information
- Monitoring the correctness of communication between devices in the network and services
- Free filtering of devices in the network
- Fast and transparent localization of problems in the network

MY DASHBOARD

A panel presenting individually personalized admin widgets.

- Customized tab with Dashboards
- Shortcuts to the most important information from the system
- Modifiable widgets



ACL MANAGER

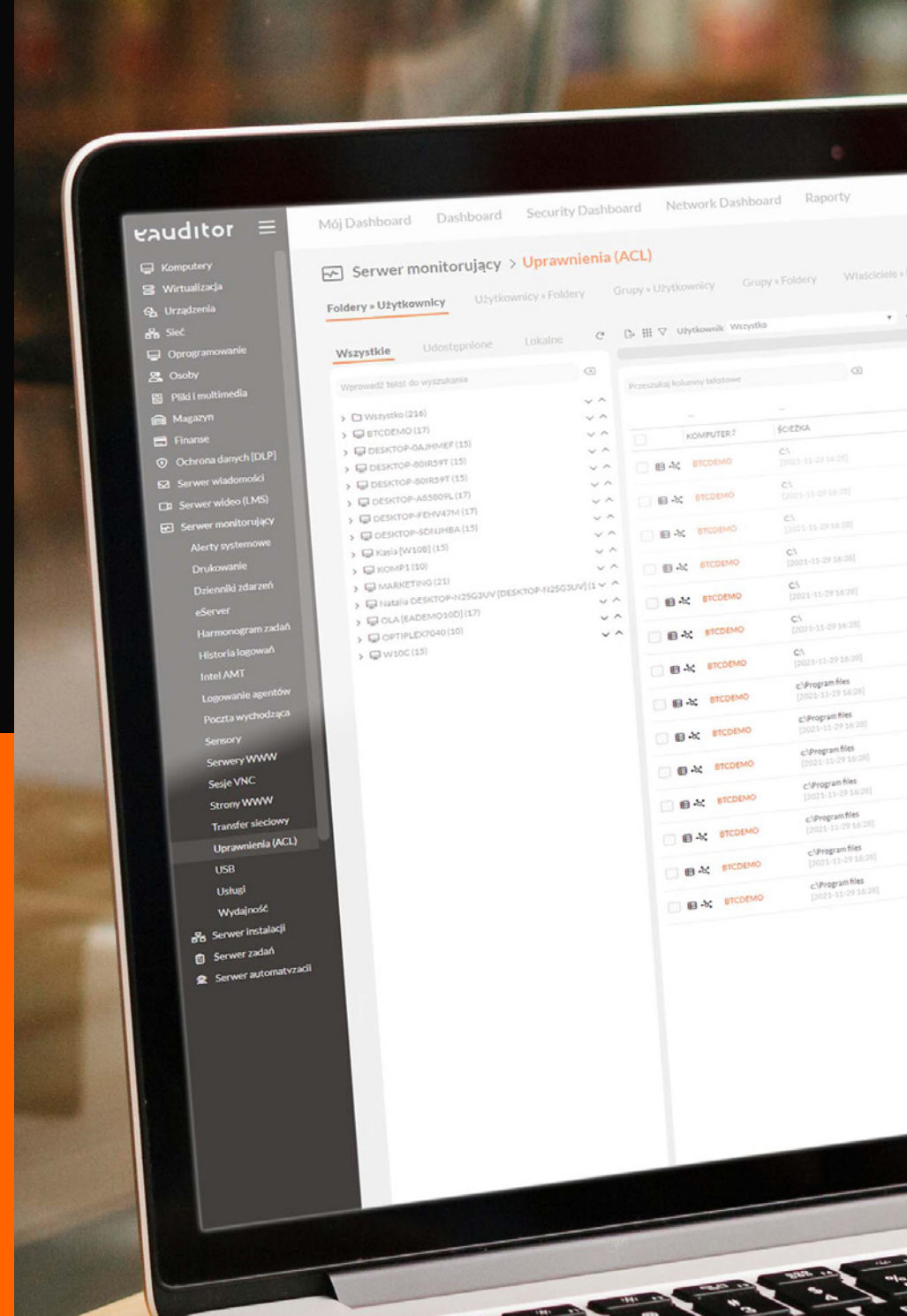
ACL Manager allows any administrator to fully monitoring the actual permissions of users (including those who work remotely).

- Read permissions for local and shared resources
- Monitoring of 13 types of ACL permissions
- Filtering permissions by folder, group, or user
- Scheduler, allowing you to set any frequency of data updates

AUTHENTICATION WITH KEYS

Two-factor authentication allows for additional security of the user credentials during the login process.

- Use of ePass as an additional layer of authentication
- Use of encrypted communication (HTTPS)
- Authentication with physical hardware security
- Full support in the certificate configuration process and Apache Tomcat 8.5



BITLOCKER ENCRYPTION (HDD+USB)

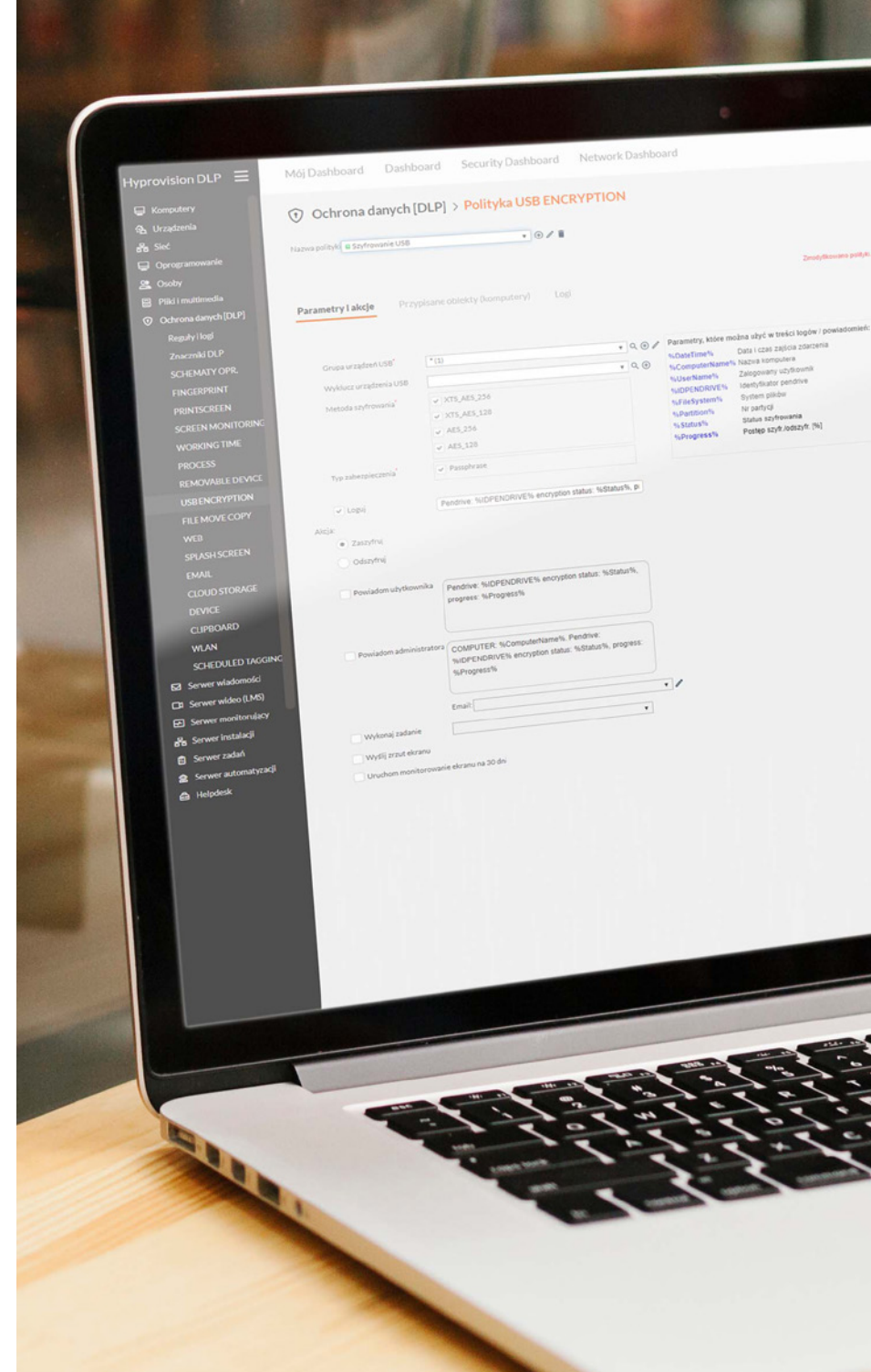
Full integration with BitLocker® allows you to secure encryption of internal drives (HDD) and external memory devices (USB).

- Remote mass encryption/decryption of internal drive partitions and external (USB) drives
- Identification of encrypted partitions
- Support for encryption methods: AES 128 or 256-bit
- Encryption / decryption on the local network and outside NAT
- Current process status
- Storage of recovery keys

IT STORAGE

Quantitative and value records of IT infrastructure accessories IT.

- Quantity and value records of IT infrastructure accessories and infrastructure.
- Any number of warehouses
- Protocols
- Support for the FIFO method



INVENTORY OF INFRASTRUCTURE AND EQUIPMENT IT

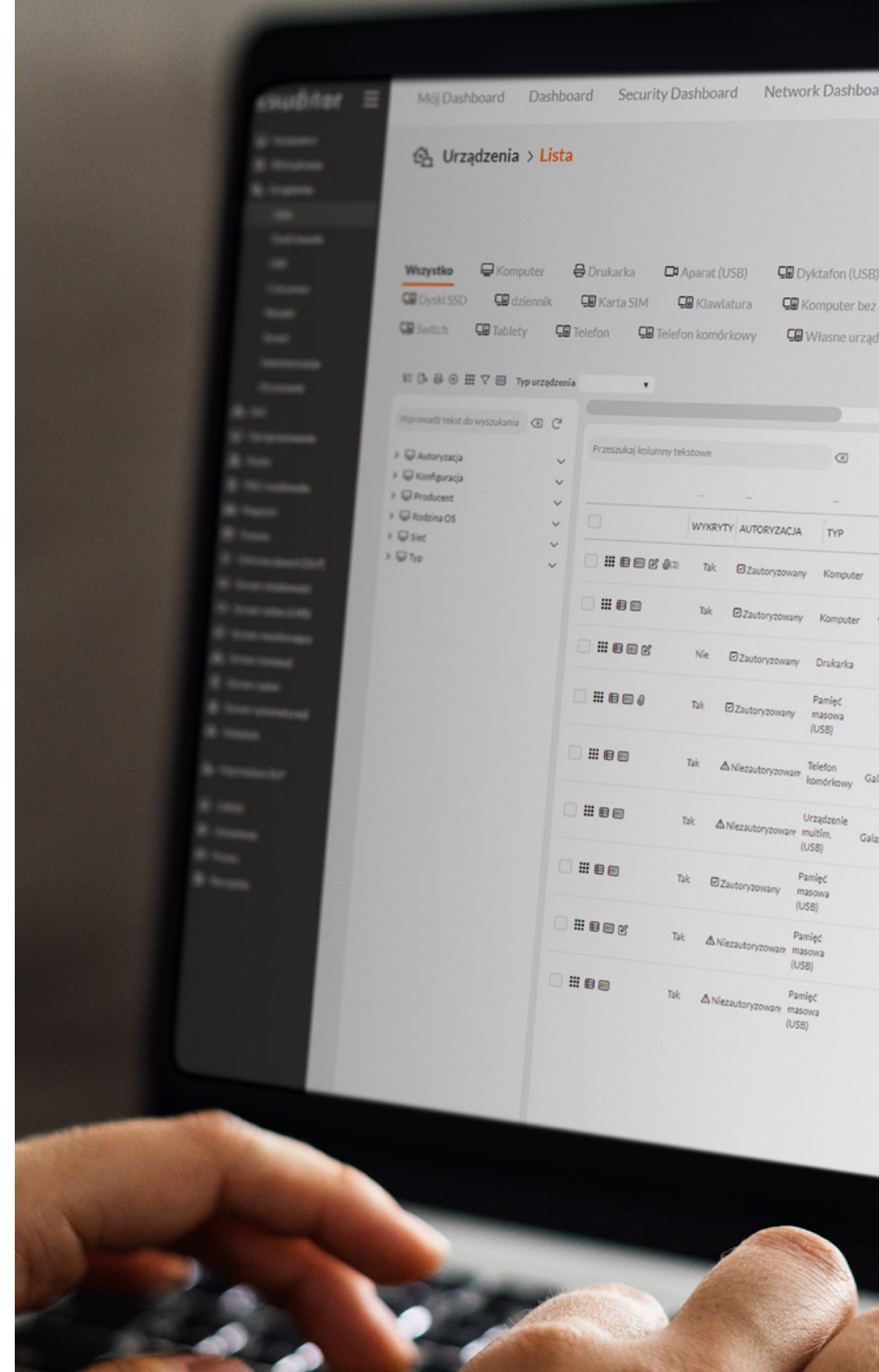
The inventory of IT infrastructure and equipment enables automation of the activities of the IT administrator and accounting services.

- Inventory of fixed assets
- Automatic assignment of resources to users
- Detailed information about hardware configuration
- Handover and return protocols
- Extensive reporting system

INVENTORY OF VIRTUAL ENVIRONMENTS

Virtualization inventory and monitoring involve automatic, periodic scanning of the network to identify virtual environments (servers), reading their parameters (virtual machines).

- Inventory of virtual environments VMware, Hyper-V
- Information about virtual machines with the ability to manage them
- Scanning schedule
- Reporting of virtualization servers
- Notifications



SOFTWARE MANAGEMENT

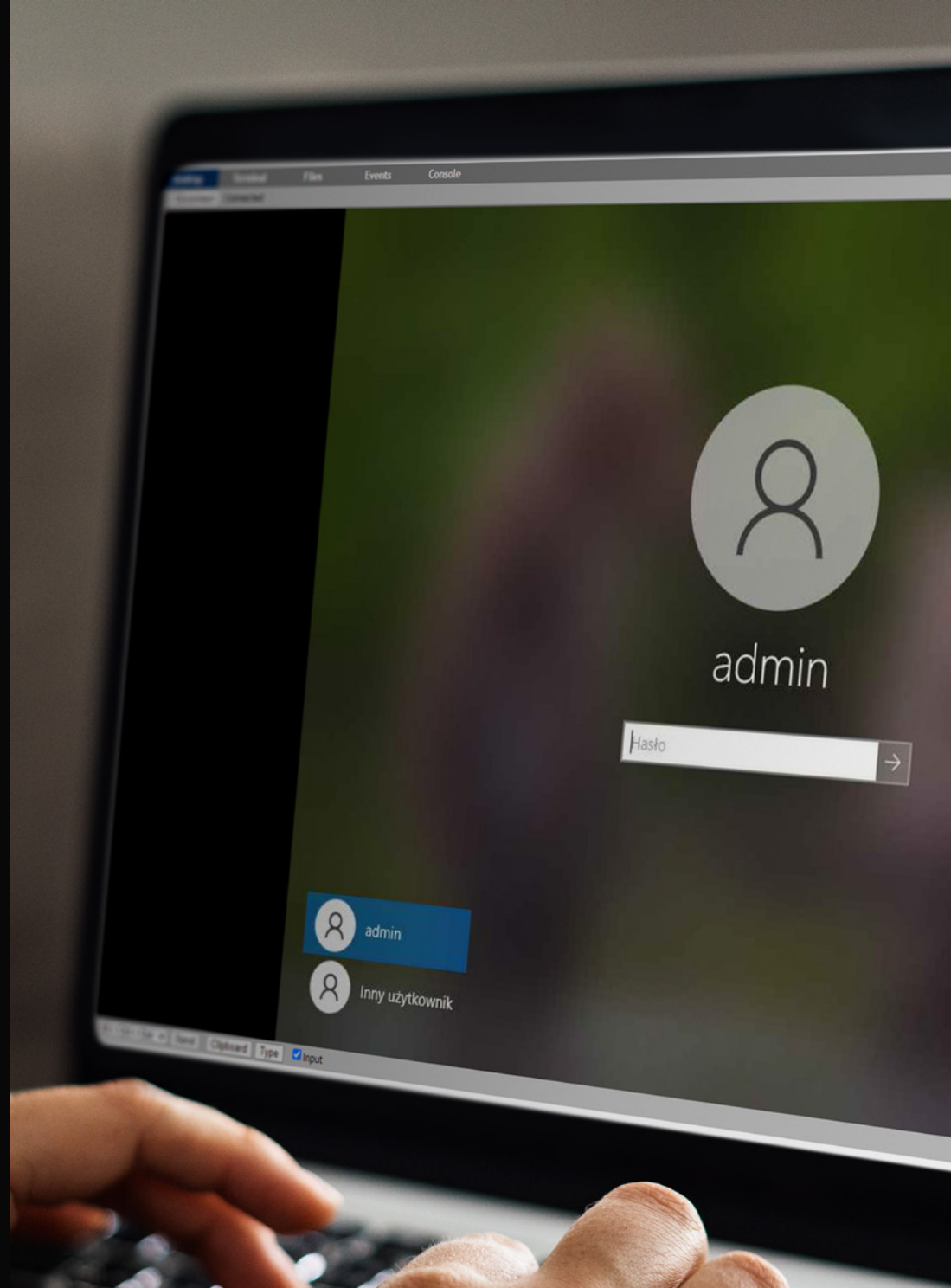
The system enables software and license management in complex organizational structures (multi-branch structures, capital groups).

- Inventory of applications and packages
- Inventory of operating systems
- Inventory of databases
- Measurement of WEB software and application usage
- Built-in database of application and package patterns (private and public)
- Professional reports
- Notifications

REMOTE MANAGEMENT OF COMPUTER

The remote management module enables automation and ability to perform tasks en masse on computers on the network local and outside the network.

- Remote management via task server
- Remote desktop RDP/VNC/webRTC/vPRO
- Support for INTEL vPRO/AMT
- Remote software installations
- Event log monitoring
- Automation server
- Execution schedules



MONITORING IT INFRASTRUCTURE

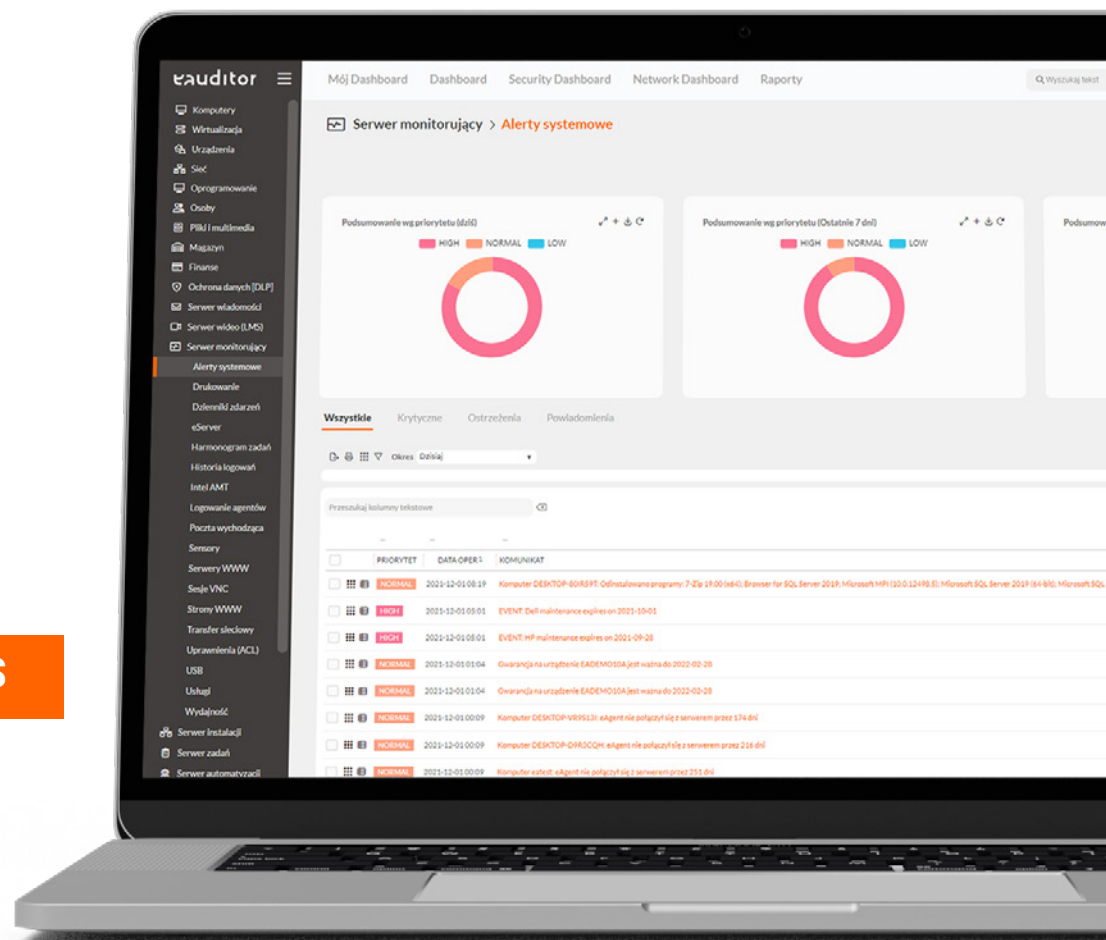
IT hardware, networks, operating systems, and software, as well as user activities.

- Software monitoring
- Network monitoring
- IT hardware monitoring
- Performance monitoring
- Virtual environment monitoring
- VNC and RDP monitoring
- Event log/Syslog monitoring
- Web services monitoring
- Service monitoring
- Sensor monitoring
- ACL privilege monitoring
- Email monitoring
- Print monitoring

NETWORK MONITORING AND LAN NETWORK MAPS

The module makes it possible to visualize the connections between different network elements and obtain detailed information within a given network.

- Network scanner
- Network mapping building
- Port and IT service monitoring
- Extensive reporting system
- Notifications



WEB SERVICES MONITORING

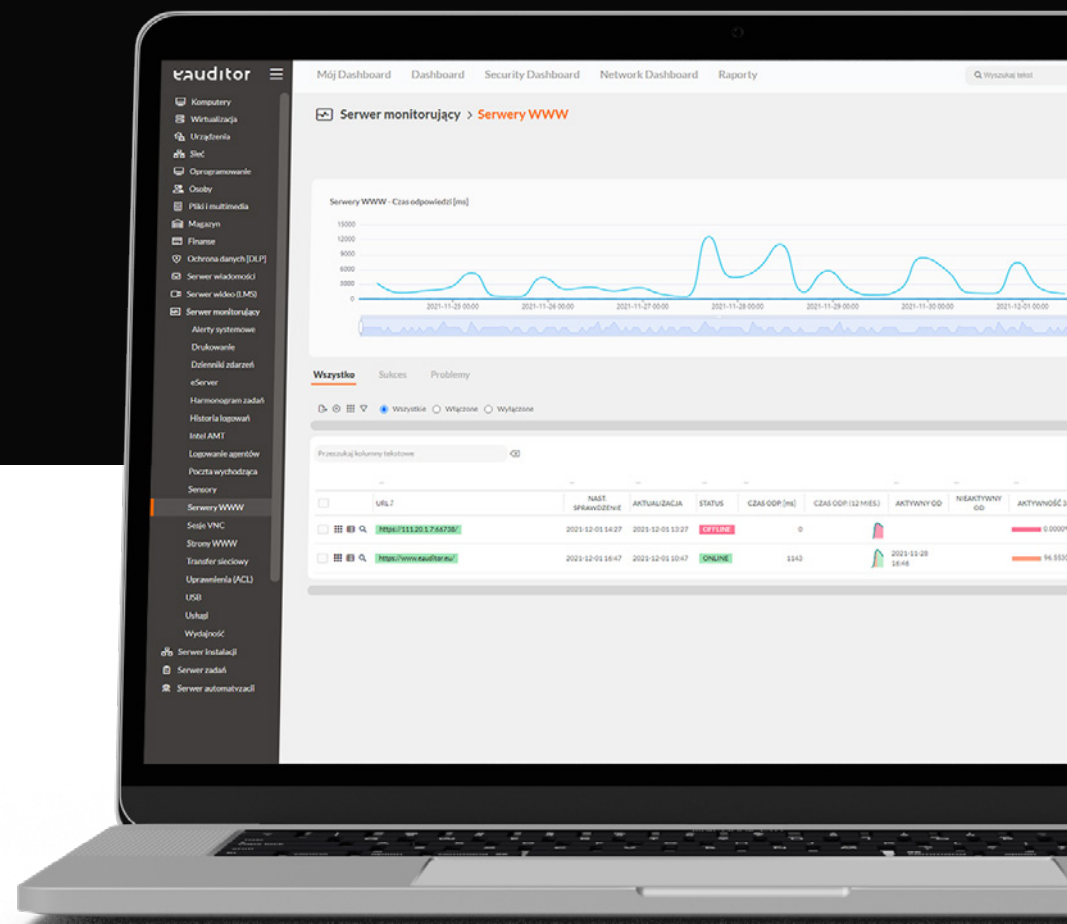
Real-time monitoring of server availability and Web site visibility on the Internet/Intranet. The function allows you to analyze sites by searching for specific phrases.

- Real-time monitoring of websites
- Intelligent page analysis
- Recording of websites availability
- Availability history of monitored sites
- Setting a schedule for monitoring websites

MONITORING NETWORK PRINTERS

Automatically monitor printers located on the local network. The function allows you to read detailed information about printing devices.

- Monitoring of printers on the local network
- Reading the status of printers available on the network
- Detailed information about toner levels, margins, notifications and ports, among others
- Configuration of notifications
- Alerts on the operation of printing devices



SENSOR MONITORING

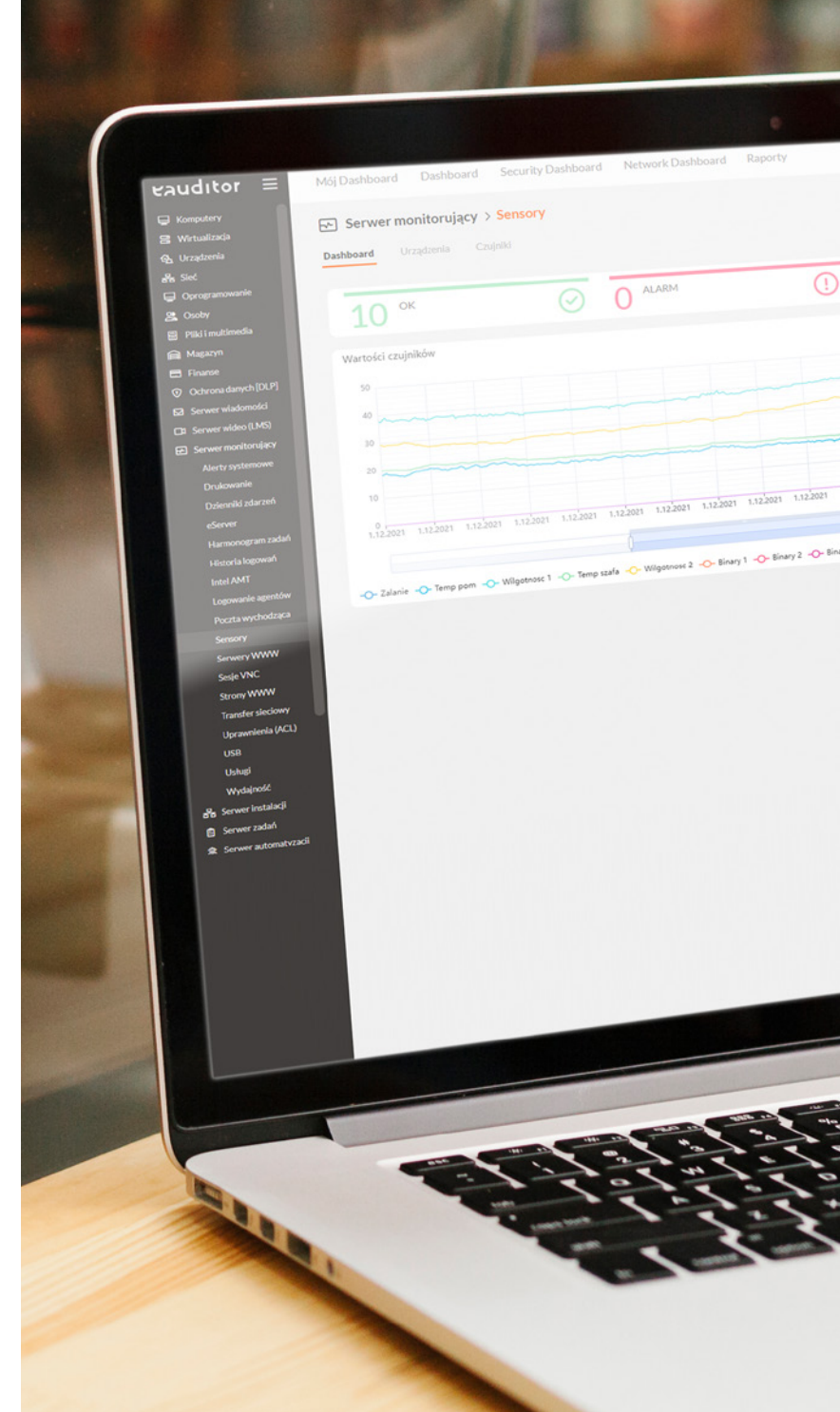
Real-time monitoring and alerting of incidents that occur related to the technical condition of the organization's key equipment.

- Temperature monitoring
- Humidity monitoring
- Water leakage monitoring
- Monitoring of electric current
- Monitoring of electrical voltage
- Monitoring of light intensity
- Monitoring of electrical power
- Gas leakage monitoring
- Monitoring of door opening
- Monitoring of movement
- Smoke monitoring
- Airflow monitoring
- Notifications
- Assignment of devices by location

USER MONITORING

User monitoring involves the automatic or periodic collection of information from the operating system.

- Monitoring of employee activity
- Monitoring of printouts
- Employee login history
- Monitoring of electronic mail (e-mail)
- Data transfer monitoring
- Process monitoring
- Monitoring of visited websites
- Monitoring of connected USB devices
- Productivity calculation
- Graphical presentation in the form of widgets



WORKTIME MANAGER

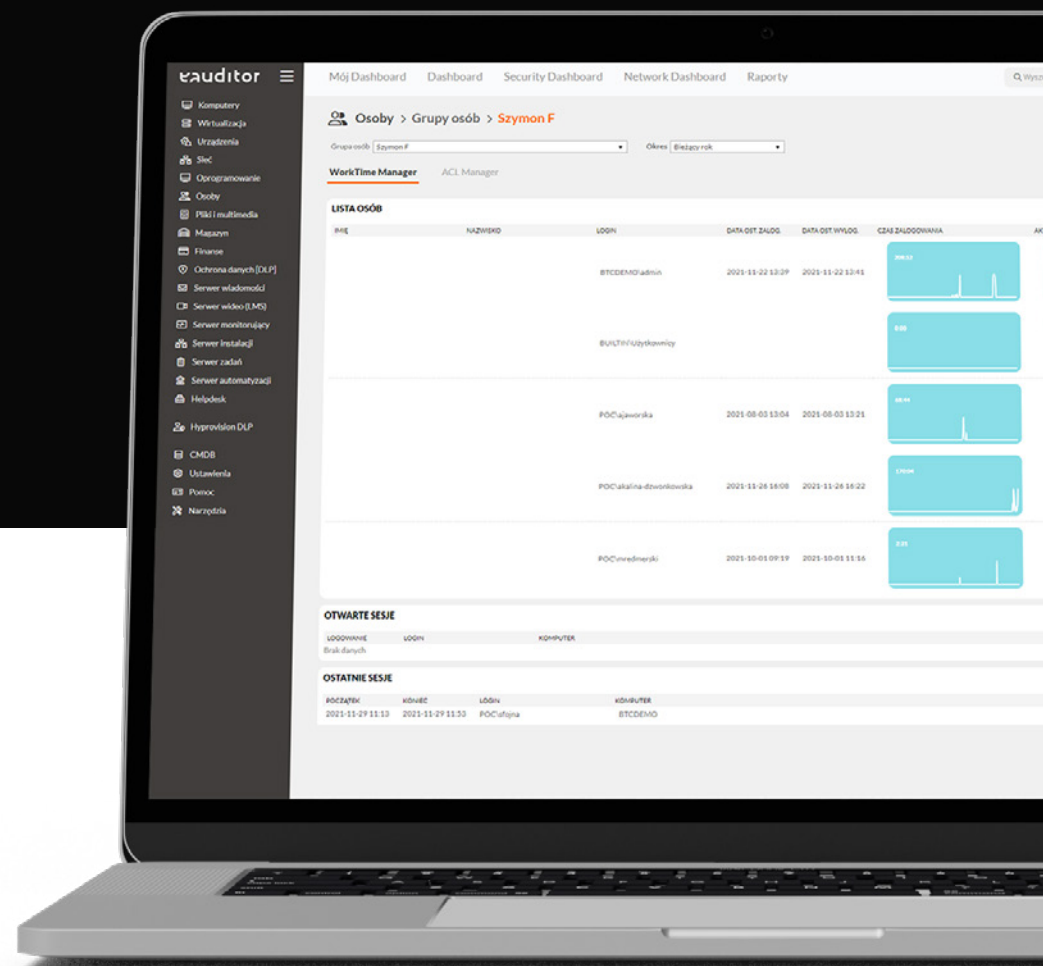
Presentation of data on the activity of employees and groups of employees (including those working remotely).

- Information about employee activity, login time and mode of operation (local, VPN, behind NAT)
- Monitoring of running web pages
- Monitoring of running processes and applications
- Monitoring printouts
- Information about network transfers
- Information about used USB devices
- Productivity calculation
- Definability of user groups

EMPLOYEE PANEL

Personalized access for each user of the organization, allows you to receive key information in real time.

- Personalized, web-based employee panel
- Information about hardware and software
- Activity information
- Information about ACL permissions
- Direct access to training
- Support service
- Announcements and news



DLP POLICIES

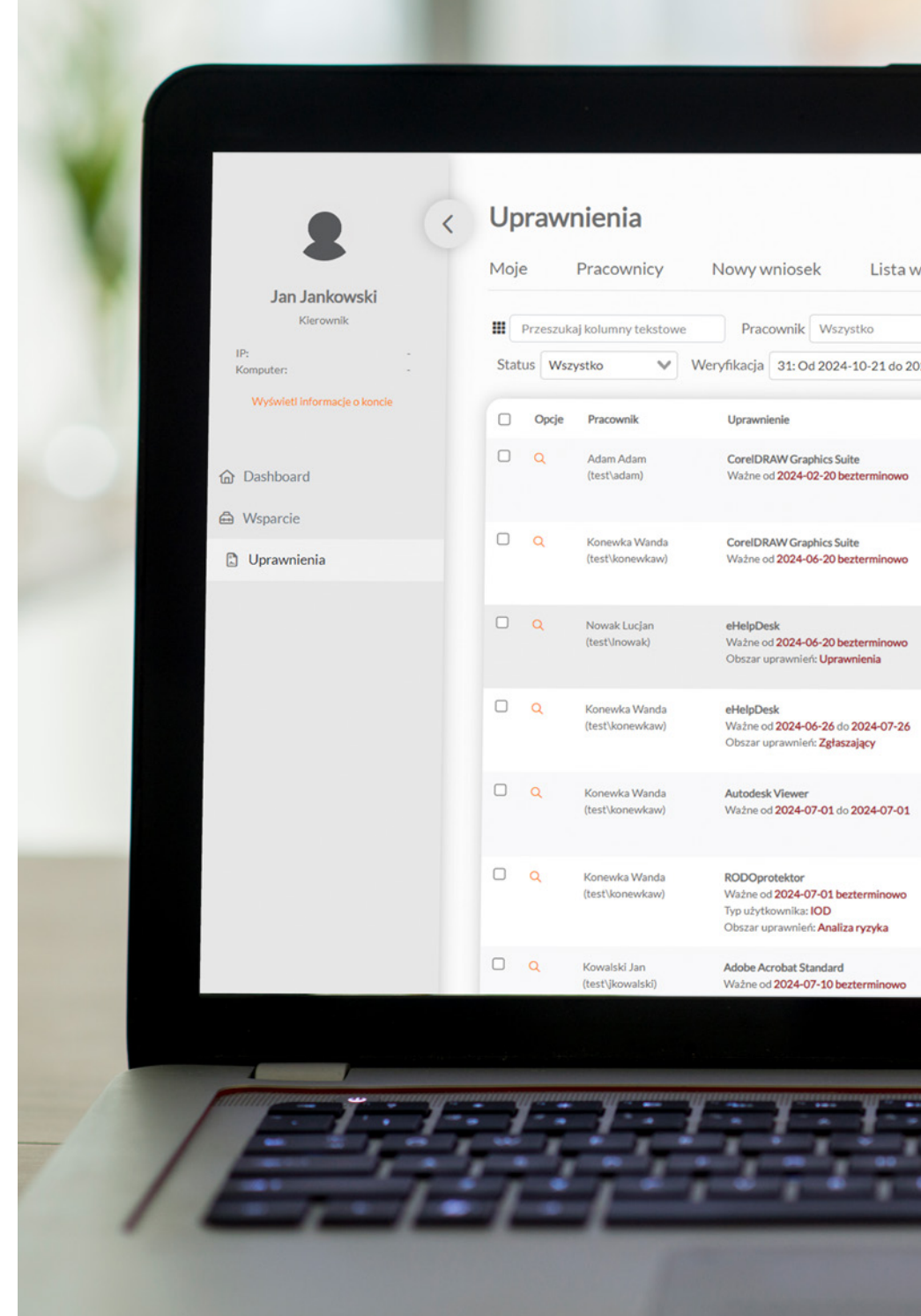
The system provides comprehensive management of IT security policies, enabling their central definition, implementation and monitoring across the entire organizational infrastructure.

- CLIPBOARD
- CLOUD STORAGE
- COMPUTER LOCK
- DEVICE
- E-MAIL
- FILE MOVE COPY
- FINGERPRINT
- PRINTSCREEN
- PROCESS
- REMOVABLE DEVICE
- SCHEDULED TAGGING
- SOFTWARE SCHEMATICS
- SCREEN MONITORING
- SPLASH SCREEN
- USB ENCRYPTION
- WEB
- WLAN
- WORKING TIME

IDENTITY ACCESS MANAGEMENT (IAM)

Automation of the processes of granting, verifying and revoking authorizations to IT systems.

- Permission Management
- Change Management
- Absence and Substitution Management
- Application Approval Path Management
- Permission Definitions
- Records and Reports
- Technical Support Portal



SCREEN MONITORING

The system enables ongoing monitoring of user activity by analyzing screen images.

- Real-time user screen preview
- Automatic screenshot capture
- User activity analysis
- Remote and local work support
- Data archiving for audit purposes

TWO-FACTOR AUTHENTICATION (2FA)

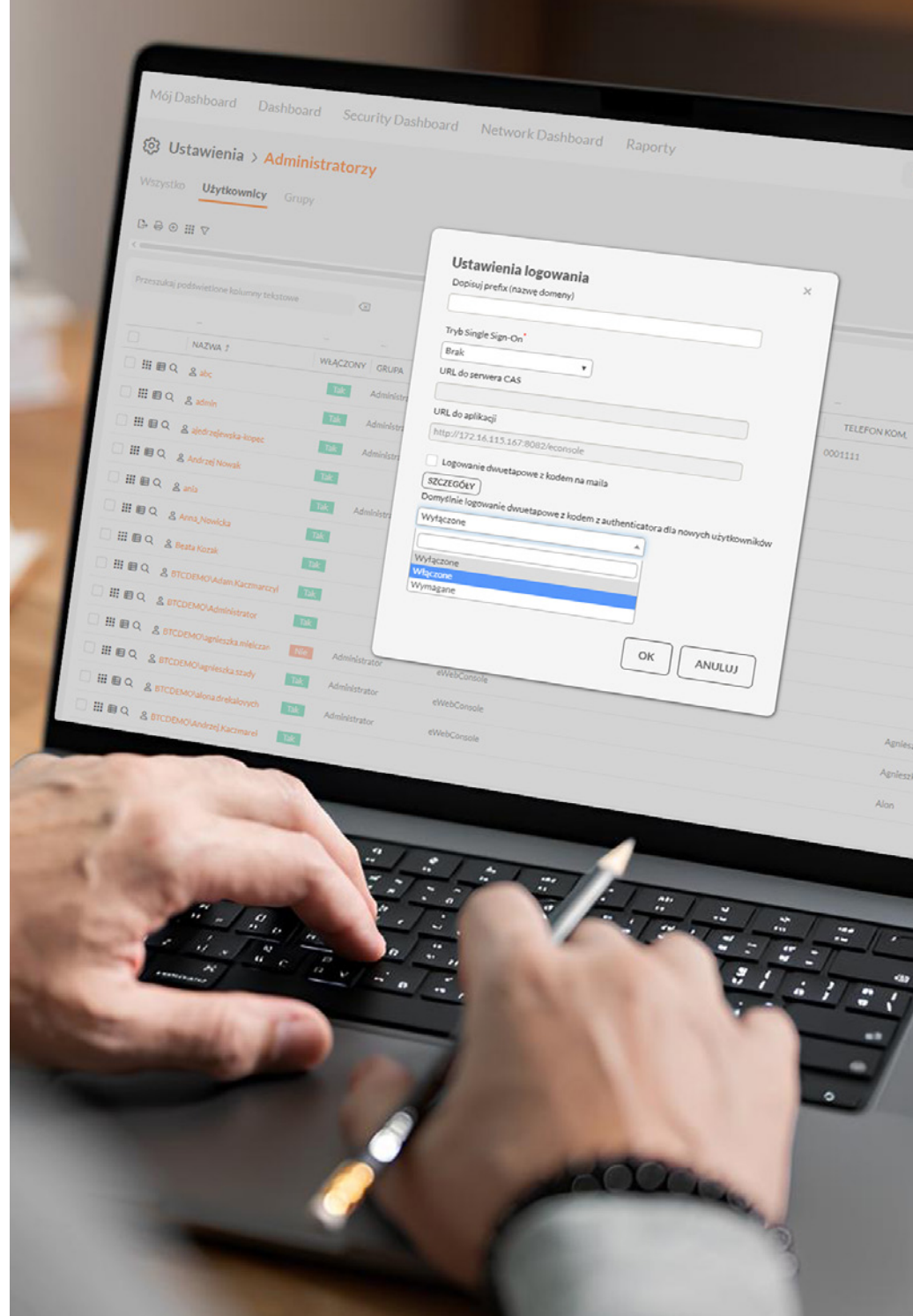
Increases login security through an additional layer of protection using authentication applications.

- Google Authenticator and Microsoft Authenticator support
- Configurable for individual users
- 2FA for new users
- Security options: disabled, enabled, required
- Reset authentication settings
- Automatic registration via QR code
- Requires a 6-digit code generated in the app
- Compatible with Android and iOS devices

VULNERABILITY MANAGEMENT

It allows you to constantly identify threats in installed software and network devices.

- Automatic vulnerability detection
- Integration with CVE databases
- Scanning of the entire IT infrastructure
- Real-time vulnerability reporting
- Threat prioritization by risk level
- Notifications of new vulnerabilities



CMDB

A common CMDB database for the entire system allows quick retrieval of data on each component of the IT infrastructure. The CMDB can be fed from external sources via an API. Scope:

- IT infrastructure
- IT processes
- IT services
- Computers
- IT networks
- Users
- Devices
- Mobile devices
- Virtualization environment
- Software and licenses
- Documents and contracts
- LMS videos

ADMINISTRATIVE NOTIFICATIONS

Automatic notifications regarding IT infrastructure operation. Supported channels: e-mail, SMS, administrator desktop notifications, user notifications.

- Six groups of notifications
- Determination of risk level
- Definable content of notifications (HTML)
- Flexibility in defining recipients

COMMUNICATOR

The communicator allows users to communicate with the IT administrator.

- Individual conversations
- Group interviews



NEWS SERVER

The server allows communication between the IT administrator and users.

- Remote sending of alerts and messages to users / computers
- One-time / recurring messages
- Predefined messages
- Delivery statuses
- Schedule

LMS EMPLOYEE TRAINING SYSTEM

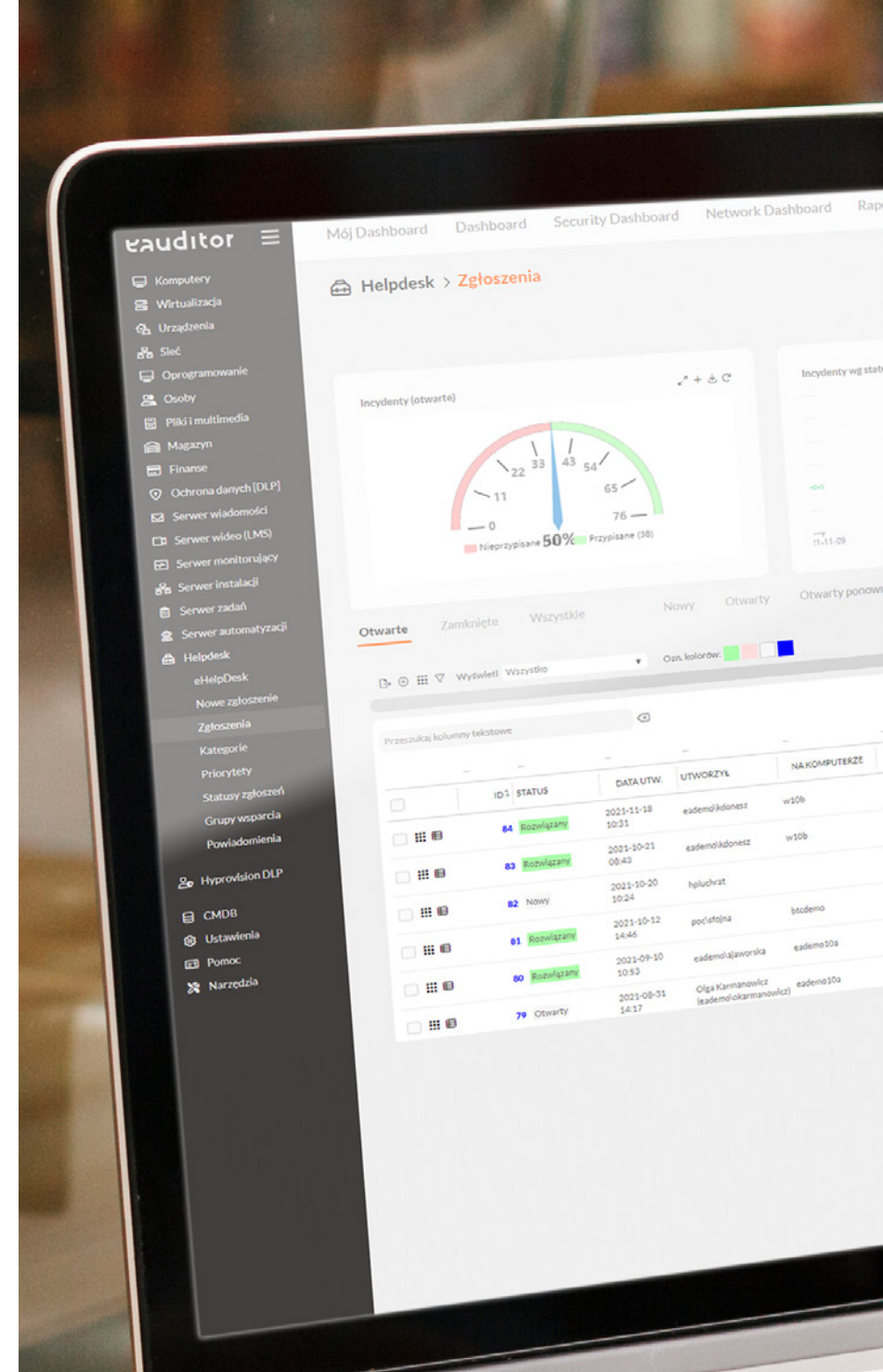
LMS (Learning Management System) is an advanced system for training employees by means of videos.

- Training templates
- Ongoing evaluation of work progress
- Certificates
- Training diagrams
- Embedded training videos
- Automatic knowledge verification after LMS training

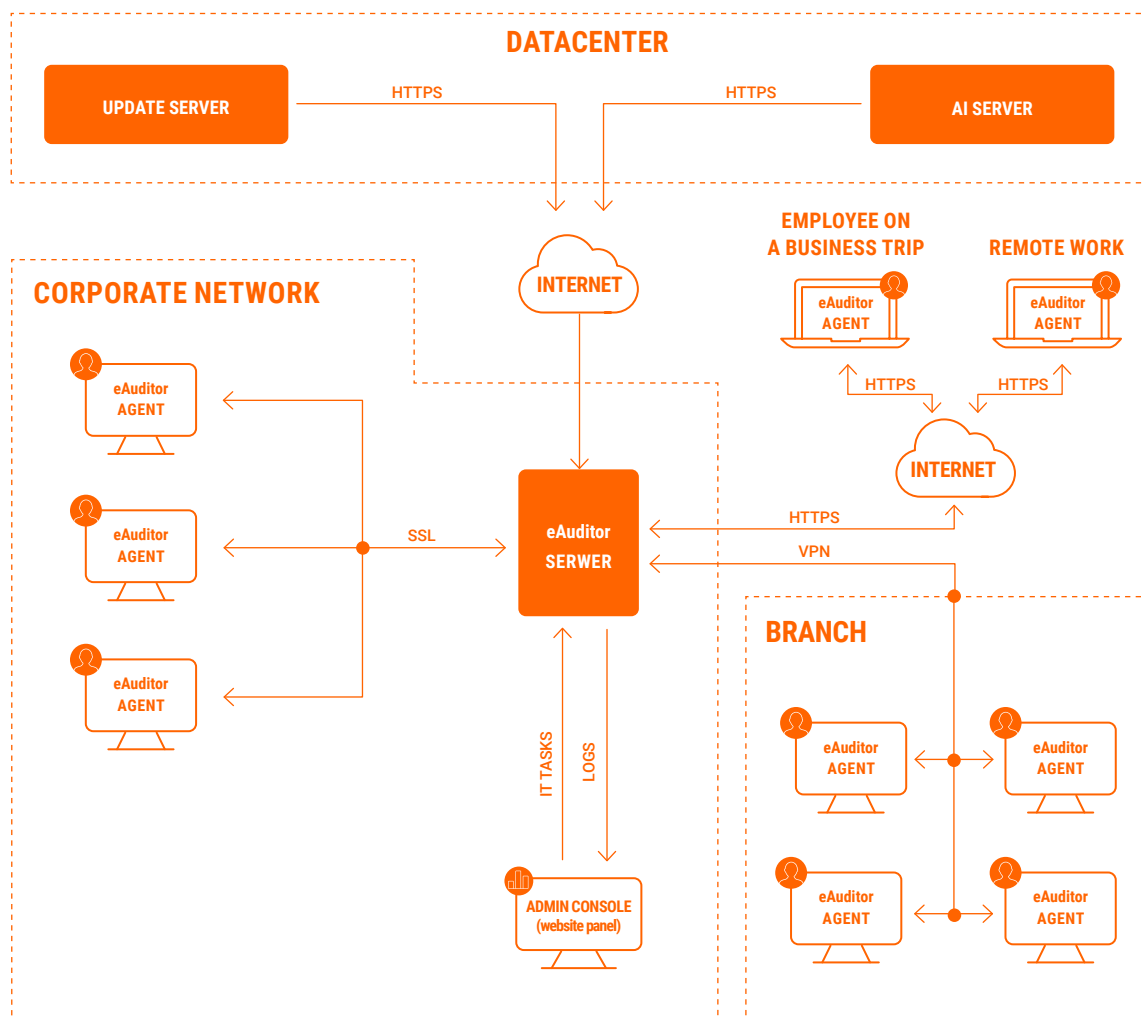
TECHNICAL SUPPORT SYSTEM

The technical support system allows you to report technical problems and their handling.

- Employee panel
- Registration of requests
- Access to the knowledge base
- Support tickets
- Status change notifications



HOW DOES EAUDITOR WORK?



Technical requirements

eAgent

- **Windows operating system:** Windows 7, Windows 8, Windows 10, Windows 11, Windows Server 2008R2, Windows Server 2012R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- **Linux OS (No DLP support):** Ubuntu 11.04 or higher, Fedora 16 or higher, CentOS 6.3 or higher, Debian 6.0 or higher, RedHat 6.0 or higher
- **MacOS (No DLP Support):** MacOS X 10.7, MacOS X 10.8
- **RAM min. 1 GB, HDD min. 10 GB**
- for devices on which eAgent is installed, a Microsoft SQL Client Access License (CAL) is not required, **but for devices on which eAgent is installed and User Panel or DLP is used at the same time, a Microsoft SQL Client Access License (CAL) or a per-core MS SQL Server license will be required.**

eServer

- **Windows 8.x/10.x**
- **Microsoft Windows Server 2016/2019/2022**
- **4 GB RAM, 100 GB HDD, 64-bit processor**
- **1 x Microsoft SQL Server CAL per Device or a covering Microsoft SQL Server per-core license.**

eWebConsole

- **Web browser compatible with HTML5** (e.g. Firefox, Chrome, Opera)
- **Microsoft SQL Server** licensed per User or per Device, or a per-core license covering the usage.

eDatabase

- **MS SQL 2016** (all versions)
- **MS SQL 2017** (all versions)
- **MS SQL 2019** (all versions)
- **MS SQL 2022** (all versions)
- **16GB RAM, 100 GB HDD, 64-bit processor**
- **1 x Microsoft SQL Server CAL per Device license***

Web server

- **Windows 8.x/10.x**
- **Microsoft Windows Server 2016/2019/2022**
- **Java 8** (JRE or JDK), **Apache Tomcat 9**
- **16 GB RAM, 40 GB HDD, 64-bit processor**
- **Microsoft SQL Server** licensed per User or per Device, or a per-core license covering the usage.

Edition versions

- **eAuditor Standard** – edition supports **MS SQL Server Express**.
- **eAuditor Professional** – edition supports **MS SQL Server Express, Standard and Enterprise**. Depending on your version, the system may require additional CALs.
- **eAuditor Enterprise** – edition supports **MS SQL Server Standard and Enterprise**. Depending on your version, the system may require additional CALs.

* For MS SQL Express Edition, CALs are not required for Microsoft SQL Server.

Architecture and interface

- Next-generation web interface guarantees ease of use
- Full scalability - even above 50,000 computers
- High security
- No installation of additional components required
- Support for NAT (computers both inside and outside the network)

Artificial intelligence

- Automatic classification of web pages
- Automatic classification of system processes and applications

Certificates

- Certification for compliance with MS SQL Server 2014/2016
- Microsoft certified drivers

License

- Indefinite license
- Subscription 12/24/36 months
- Comprehensiveness

Integration

- Microsoft AD, RBAC
- Intel VPro/AMT, Intel Anti-Theft
- eAuditor DLP
- Embedded hypervisor for Microsoft Hyper-V, VMware
- eHelpDesk
- LMS (Learning Management System)
- Authentication with CAS physical keys
- API for importing any data

Support

- The excellent, fully automatic update mechanism
- Dozens of instructional videos
- Context-sensitive help, case studies
- Telephone and e-mail technical support in Polish language
- Remote engineer desktop
- Webinars

Compliance with Polish regulations

- Compliance with RODO, Polish regulations and standards
- Compliance with the requirements of software manufacturers

Prices

- Manufacturer's prices adapted to the Polish market
- GOV, EDU and MED versions
- Possibility to negotiate prices
- Competitive upgrade

eauditor®

BTC Sp. z o.o. offers modern and innovative solutions in the area of IT infrastructure management and security. We focus on solutions, that are successfully applied to clients from the public administration sector and private companies. Would you like to learn more about our products? Feel free to contact us!

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