

# 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 - eAuditor V8 AI. I wish you a pleasant reading.

**Maciej Kaczyński**  
CEO



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## BTC AI

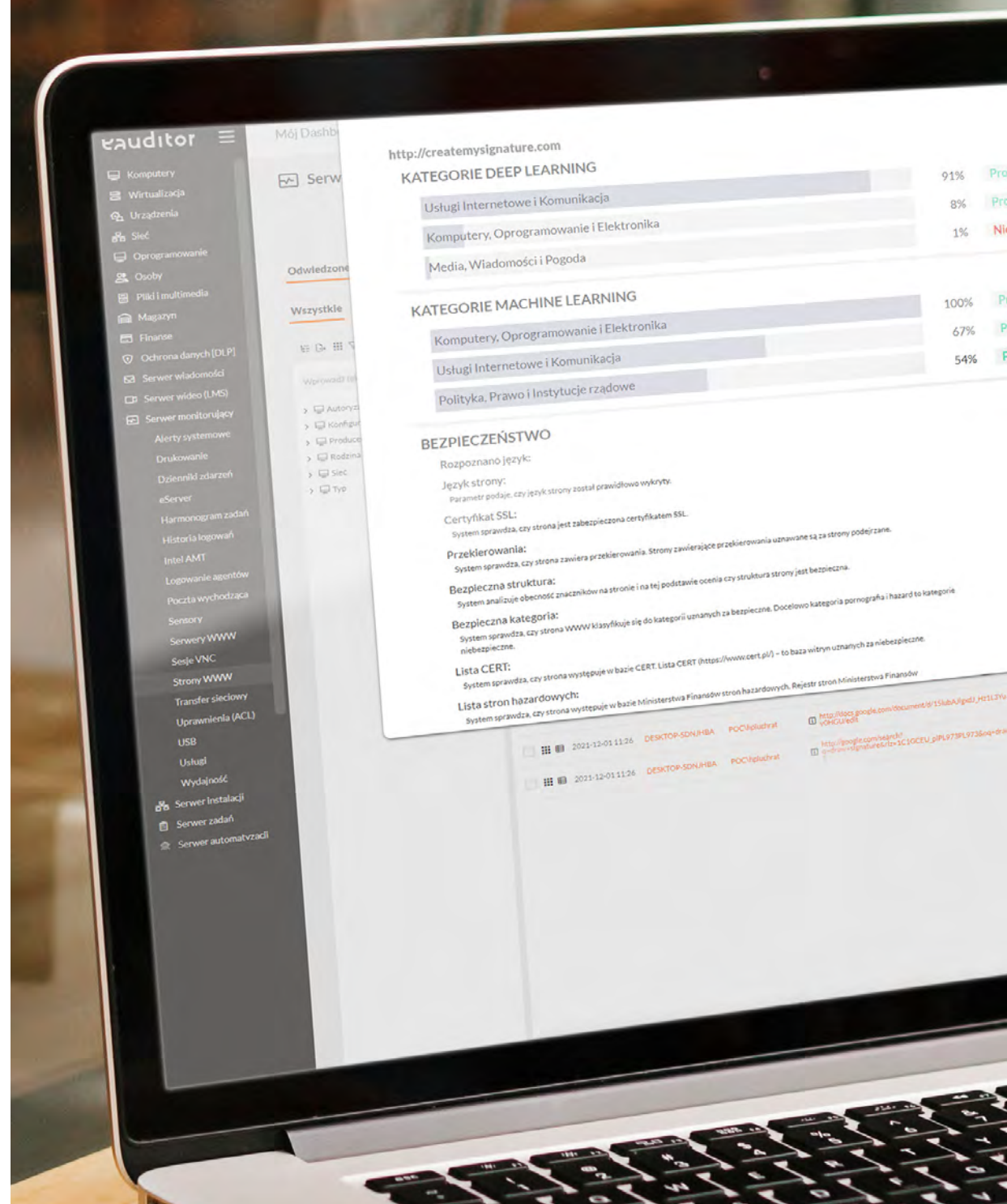
The first innovative solution on the Polish market, that allows you to even more effectively strengthen IT security.

- 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

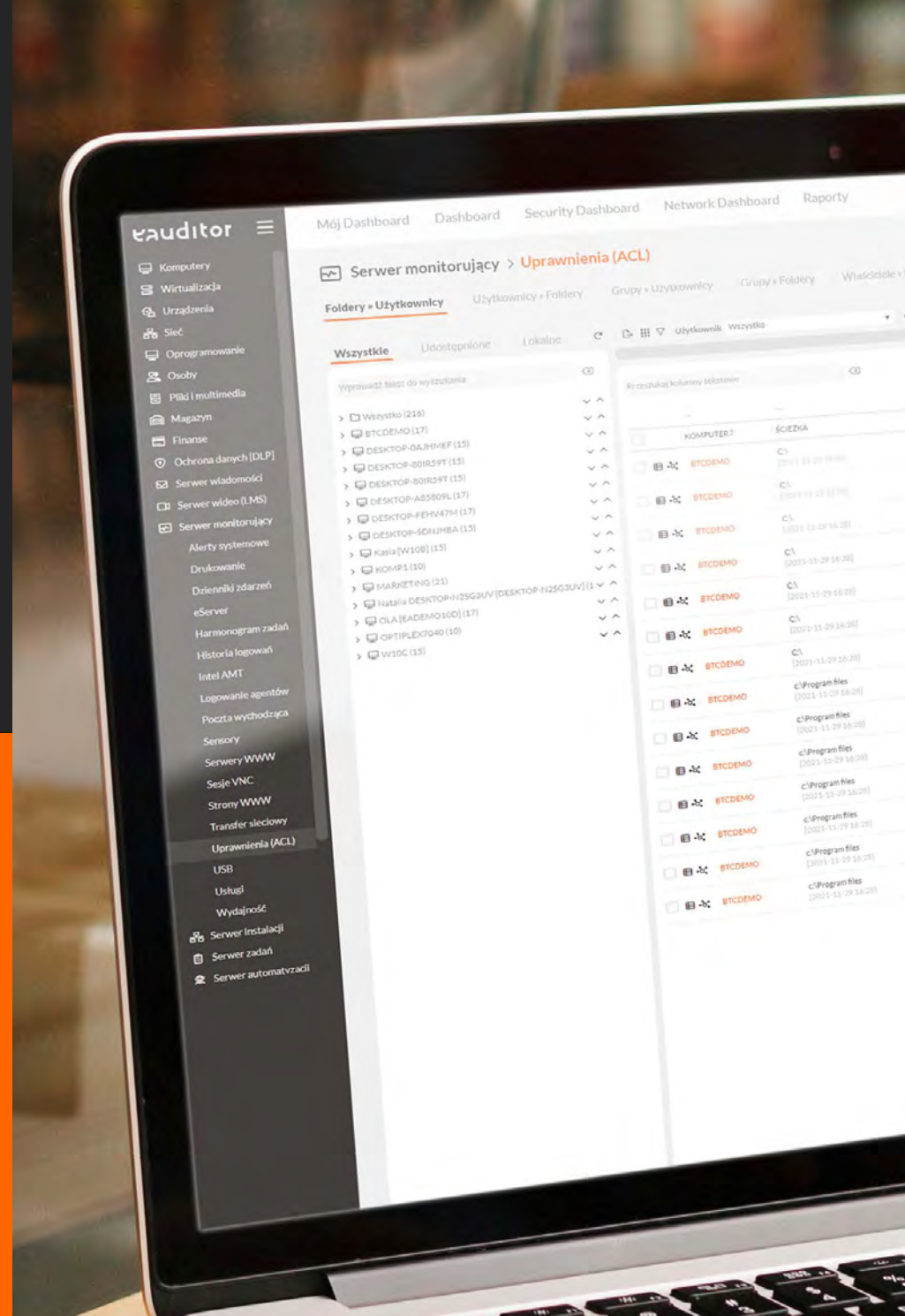
ACL Manager allows any administrator to fully monitoring the actual permissions of users (including those who work remotely).

- 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)

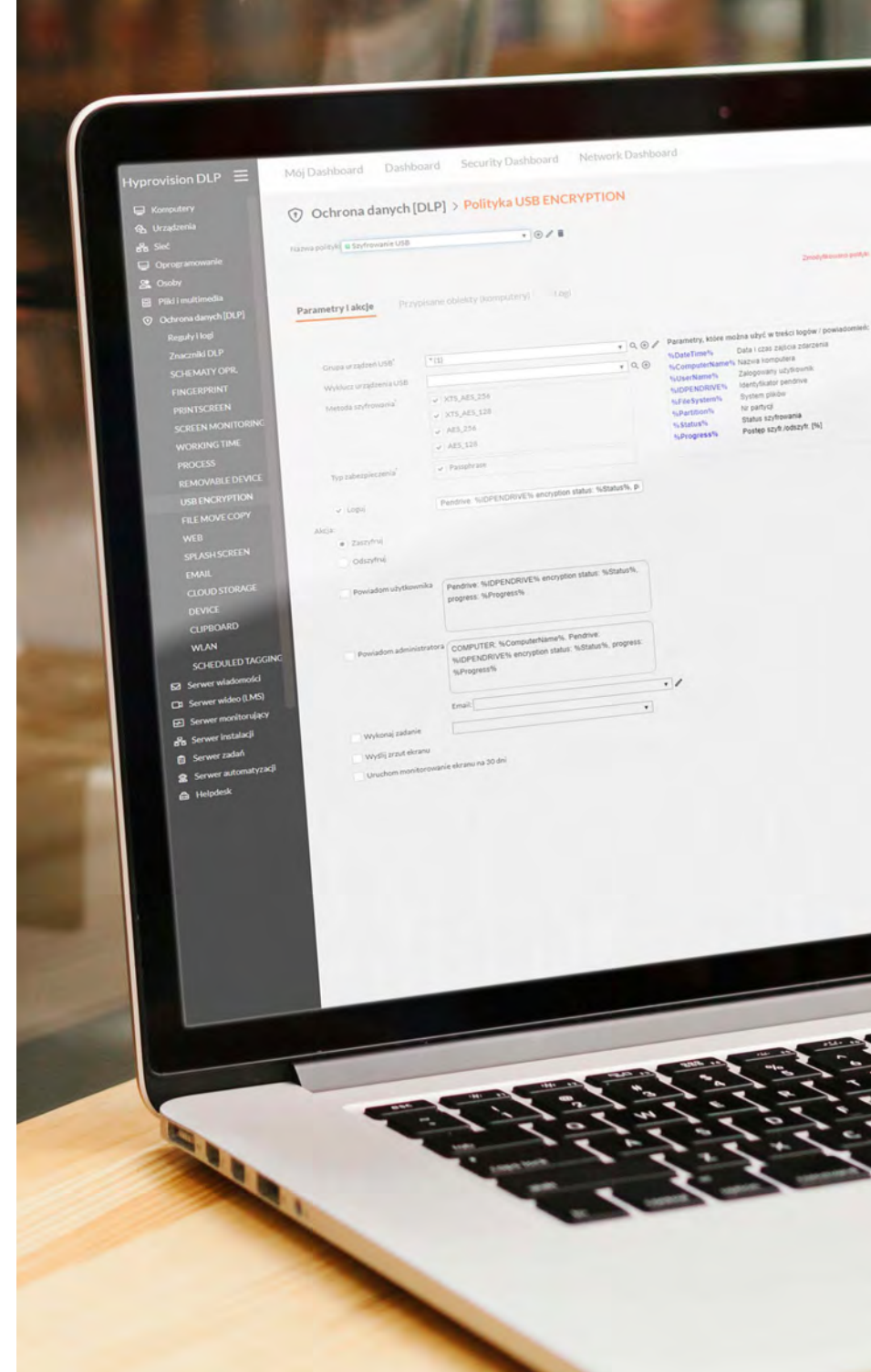
Full integration with BitLocker® allows you to secure encryption of internal drives (HDD) and external memory devices (USB).

- 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

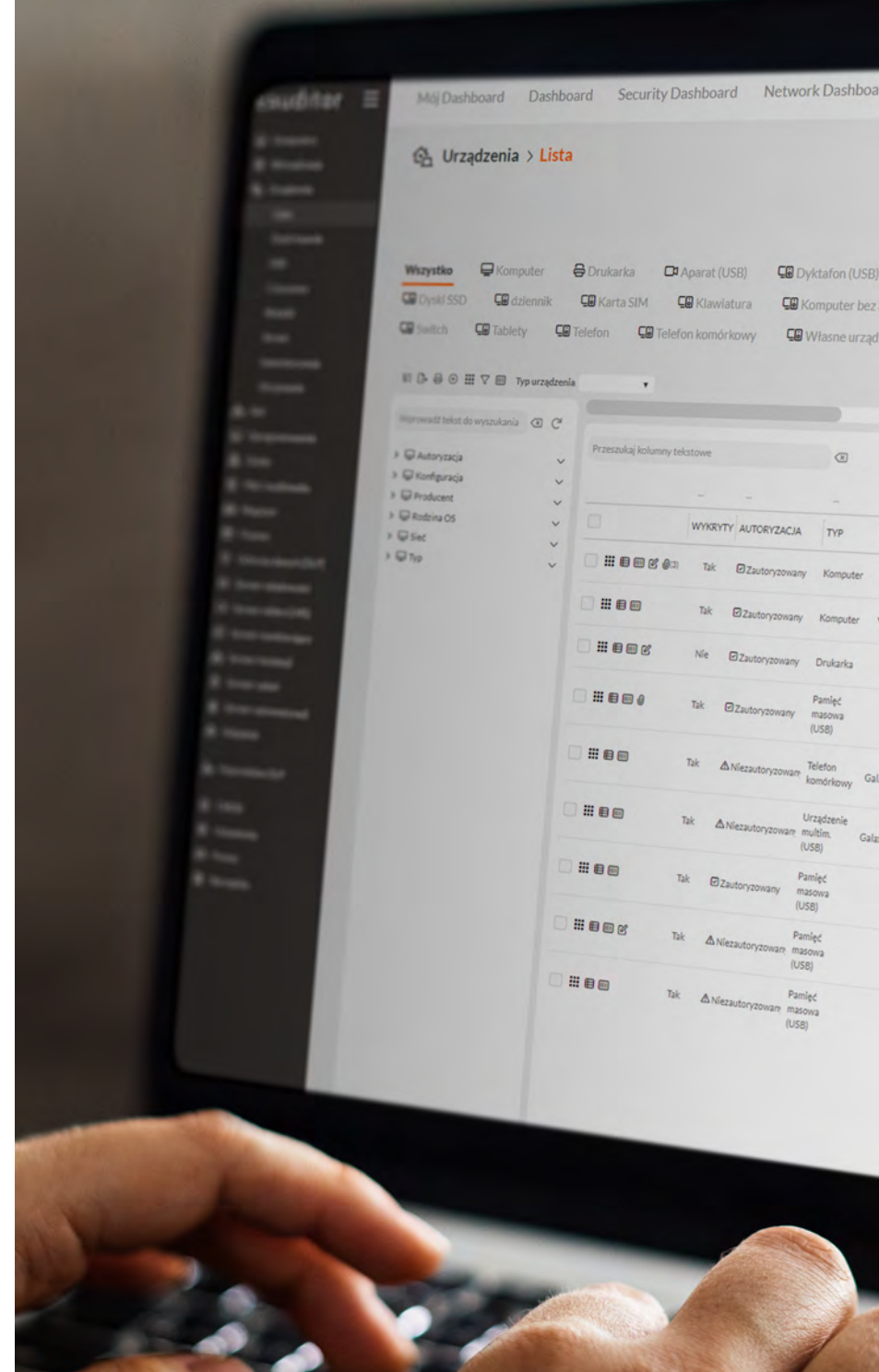
The inventory of IT infrastructure and equipment enables automation of the activities of the IT administrator and accounting services.

- 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

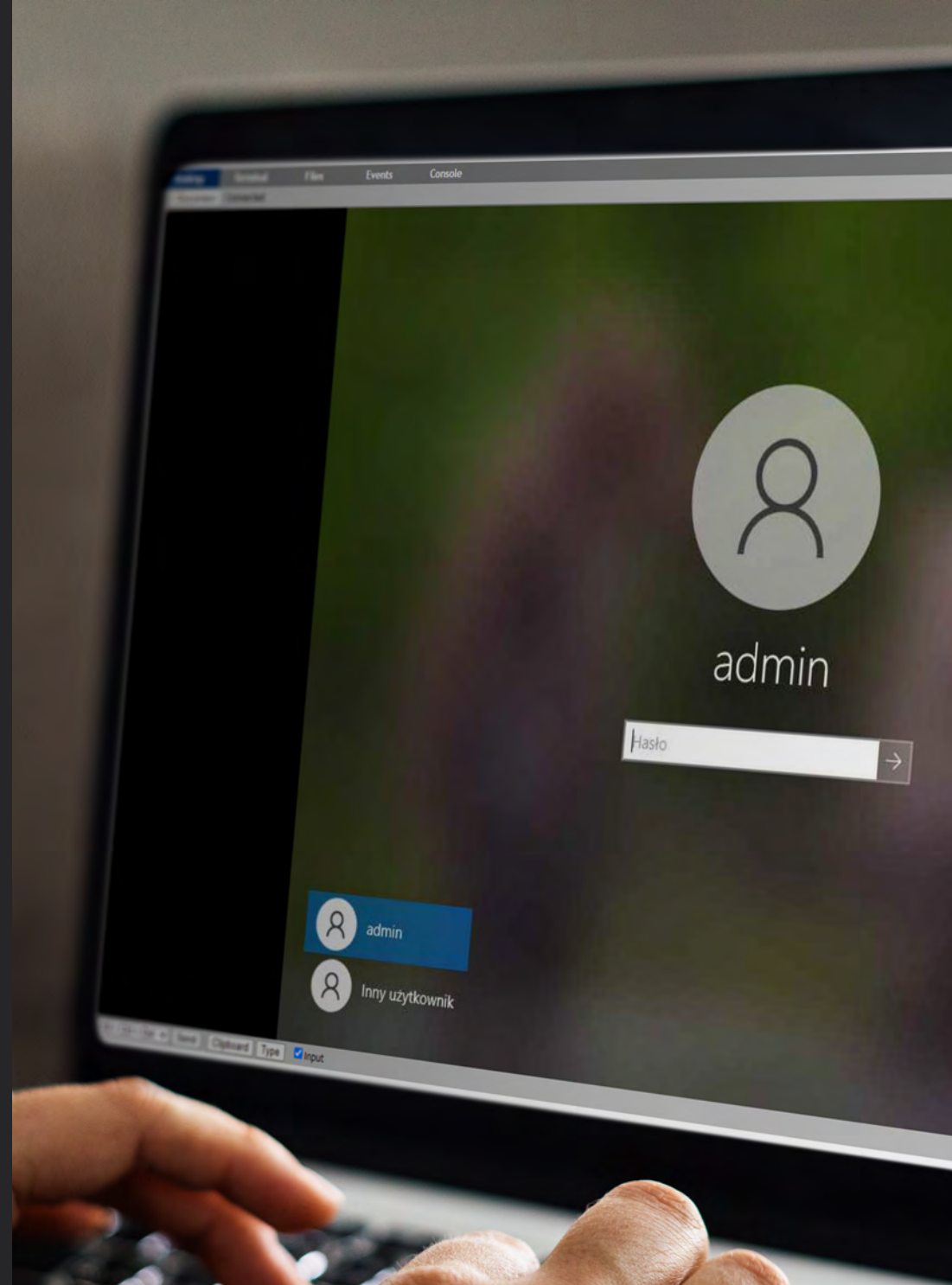
The system enables software and license management in complex organizational structures (multi-branch structures, capital groups).

- 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

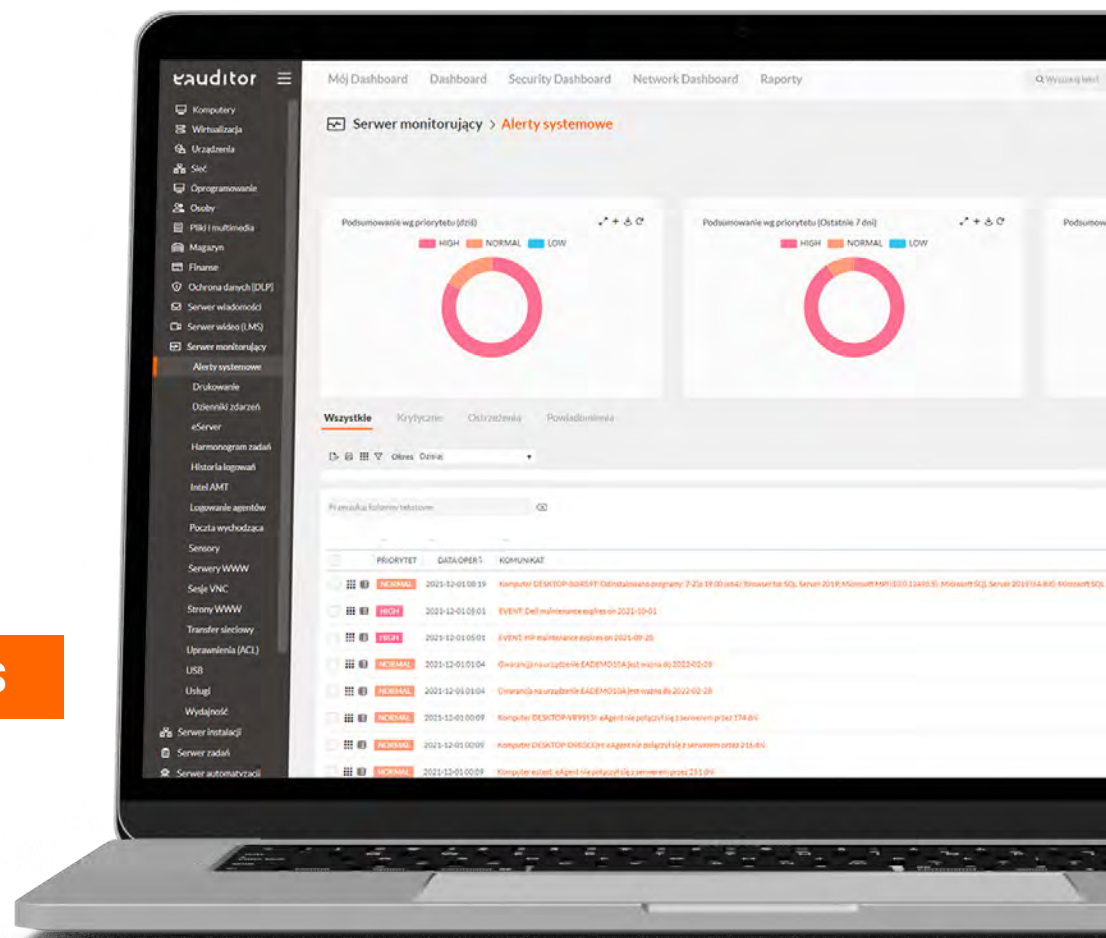
IT hardware, networks, operating systems, and software, as well as user activities.

- 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

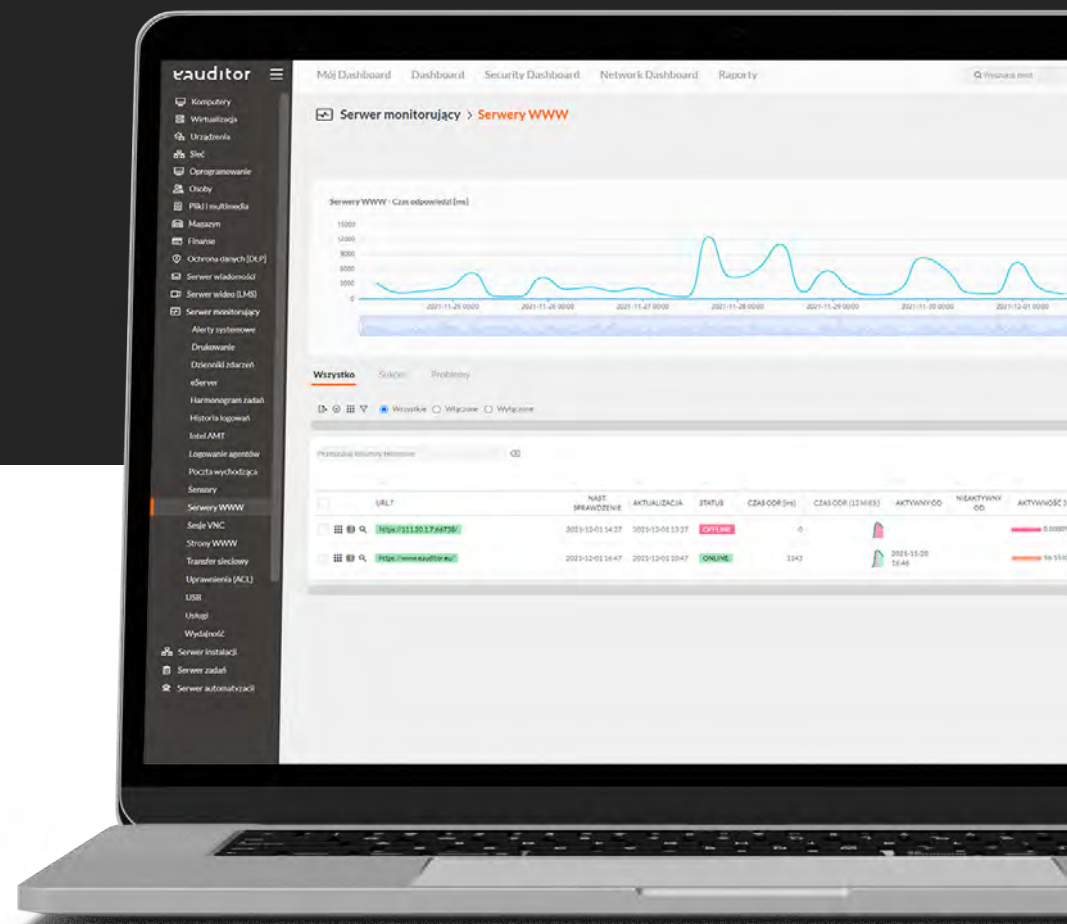
Real-time monitoring of server availability and Web site visibility on the Internet/Intranet. The function allows you to analyze sites by searching for specific phrases.

- 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

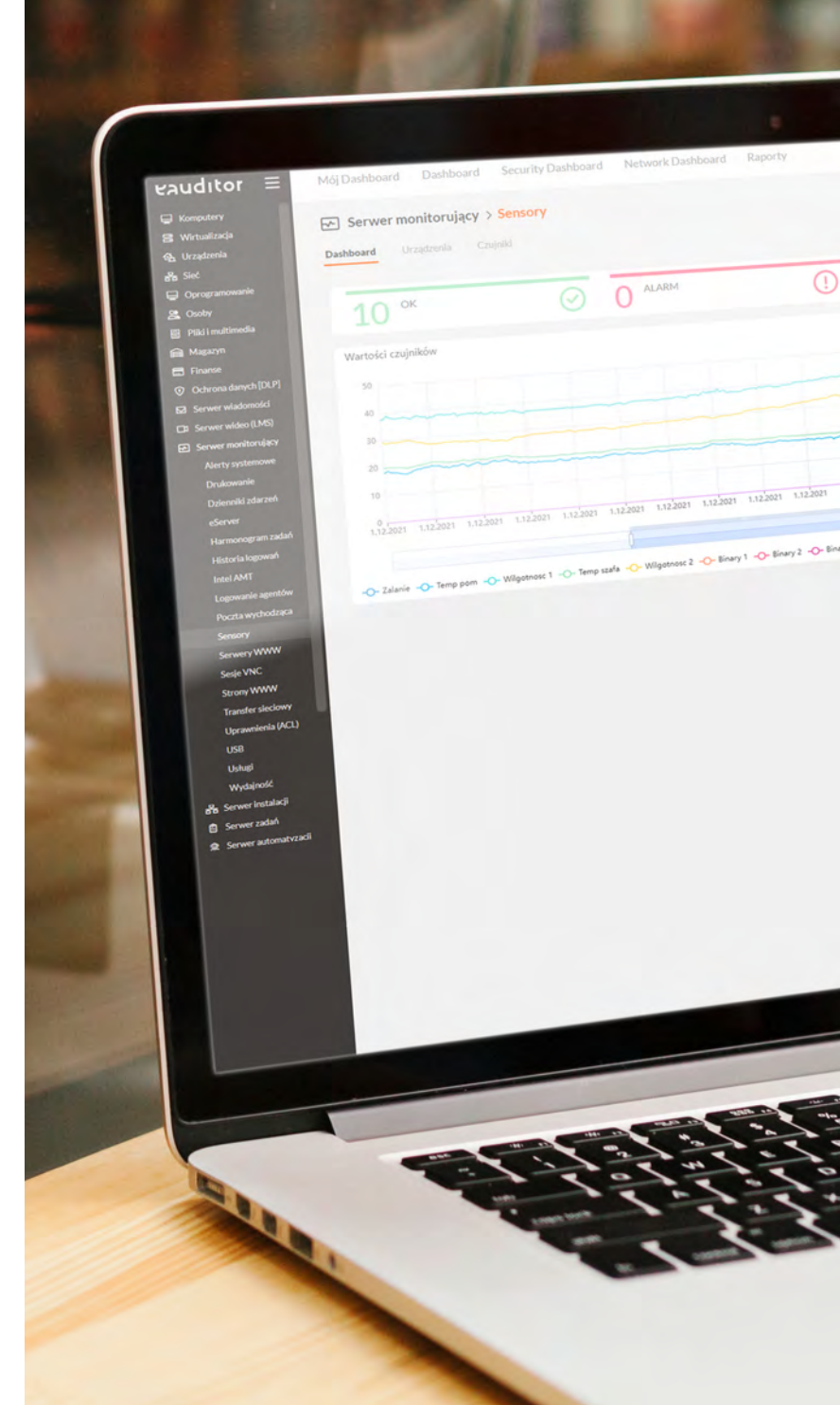
Real-time monitoring and alerting of incidents that occur related to the technical condition of the organization's key equipment.

- 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

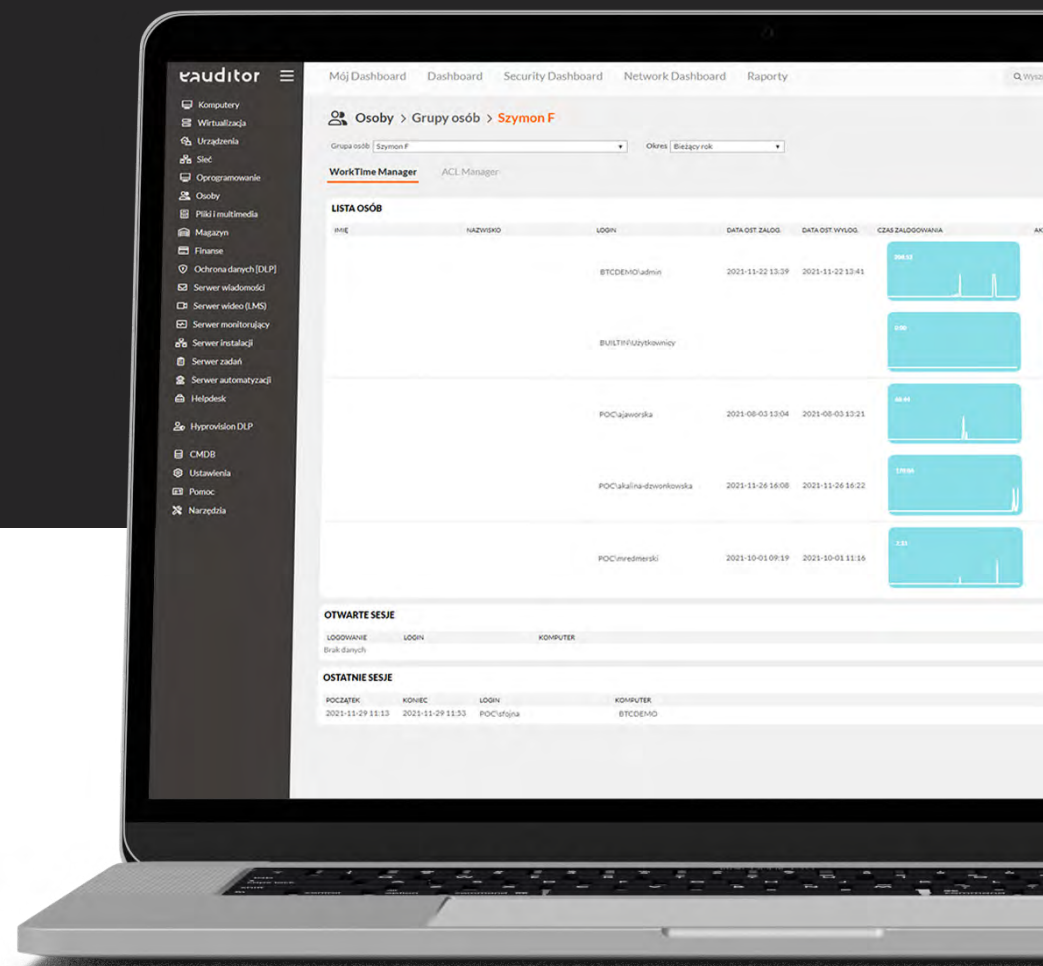
Presentation of data on the activity of employees and groups of employees (including those working remotely).

- 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



## 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

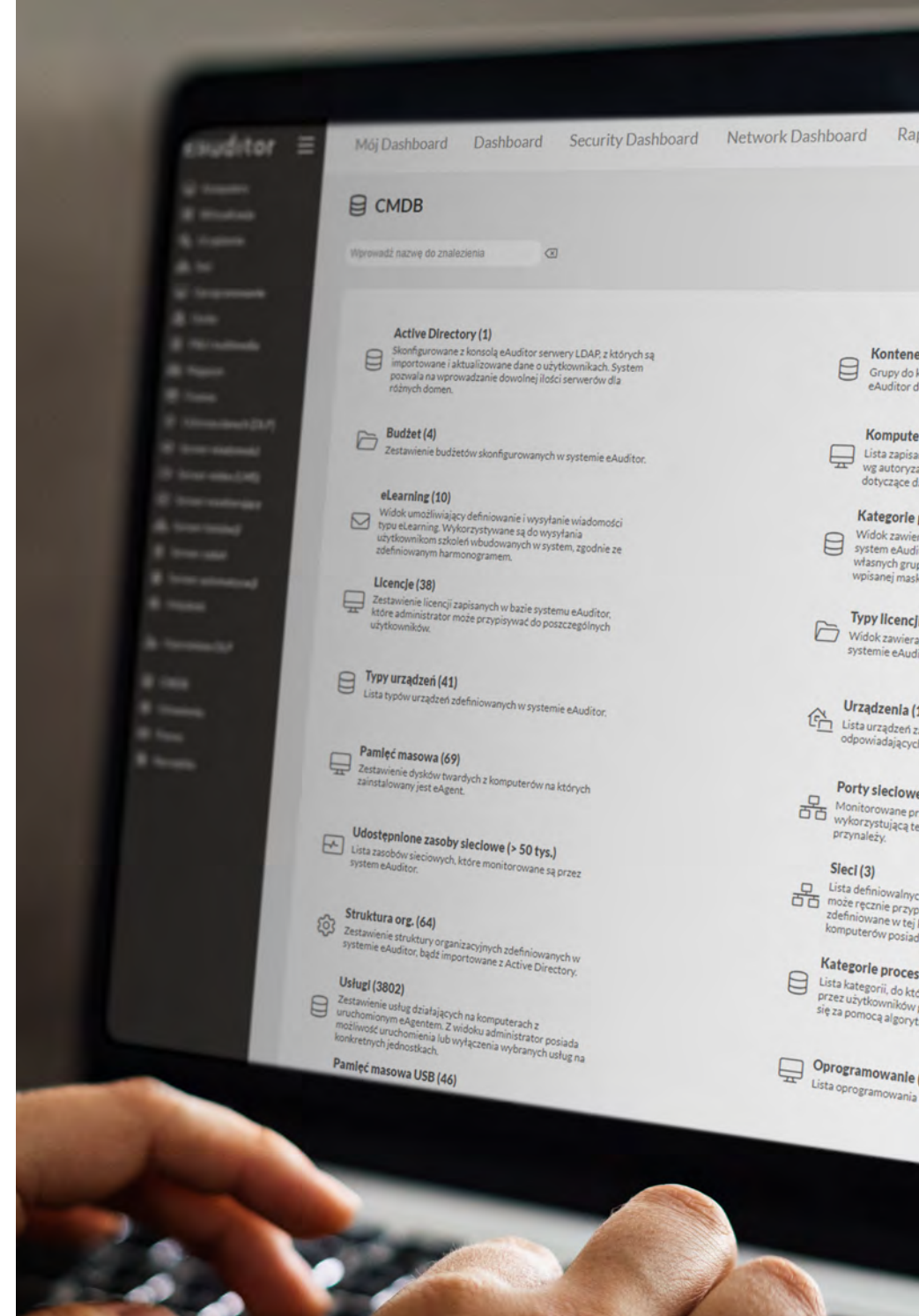
Automatic notifications regarding IT infrastructure operation. Supported channels: e-mail, SMS, administrator desktop notifications, user notifications.

- 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

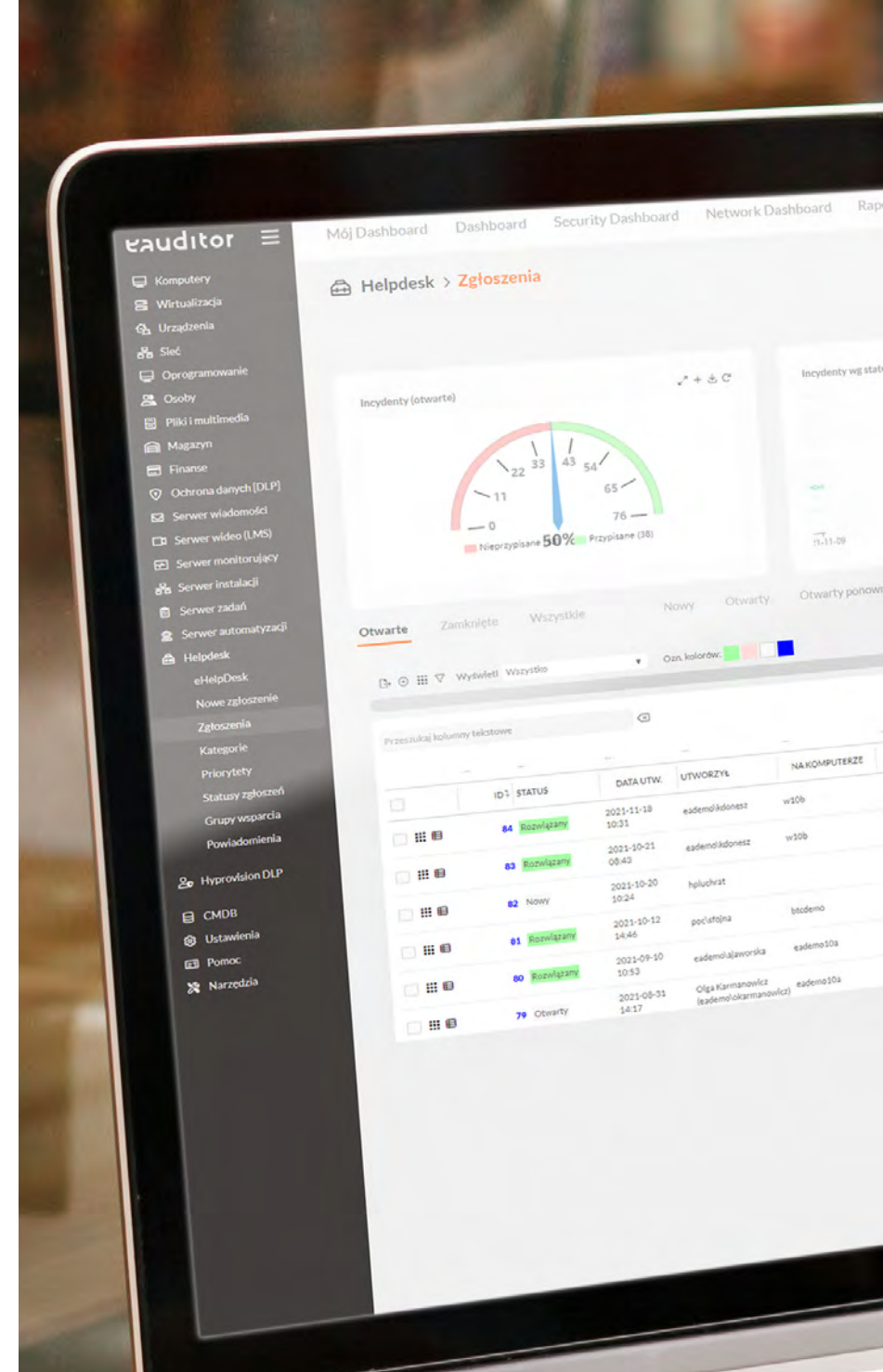
LMS (Learning Management System) is an advanced system for training employees by means of videos.

- Training templates
- Ongoing evaluation of work progress
- Certificates
- Training diagrams
- Embedded training videos

## 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



## APPLICATION KIOSK

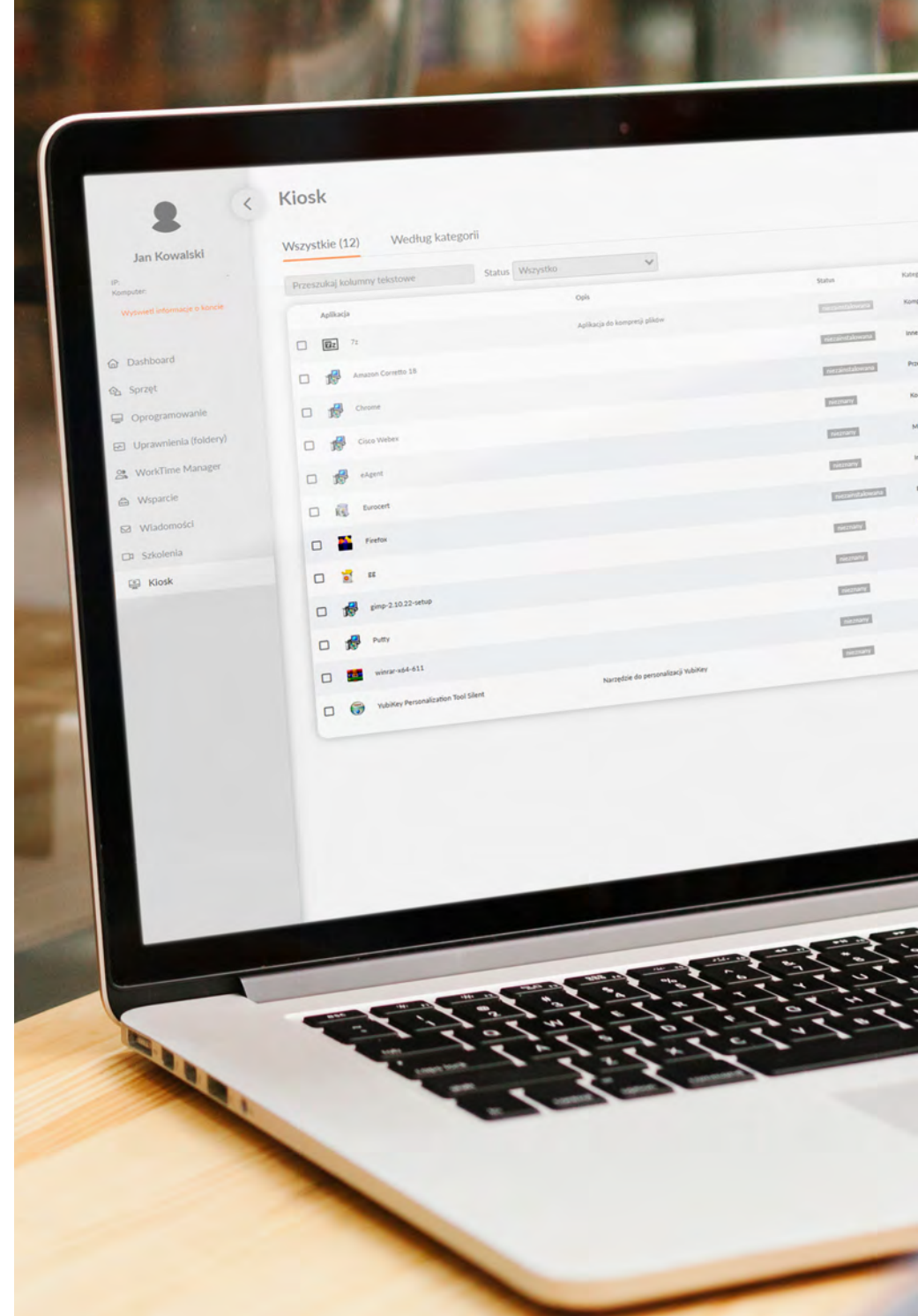
This is one of the functionalities of the eAuditor system that guarantees the instantiation of only software verified and approved by the IT departments.

- Public and private repository
- A rich public library of applications (repository)
- Quick filtering
- Ability to define software categories
- Security of application installation and updates

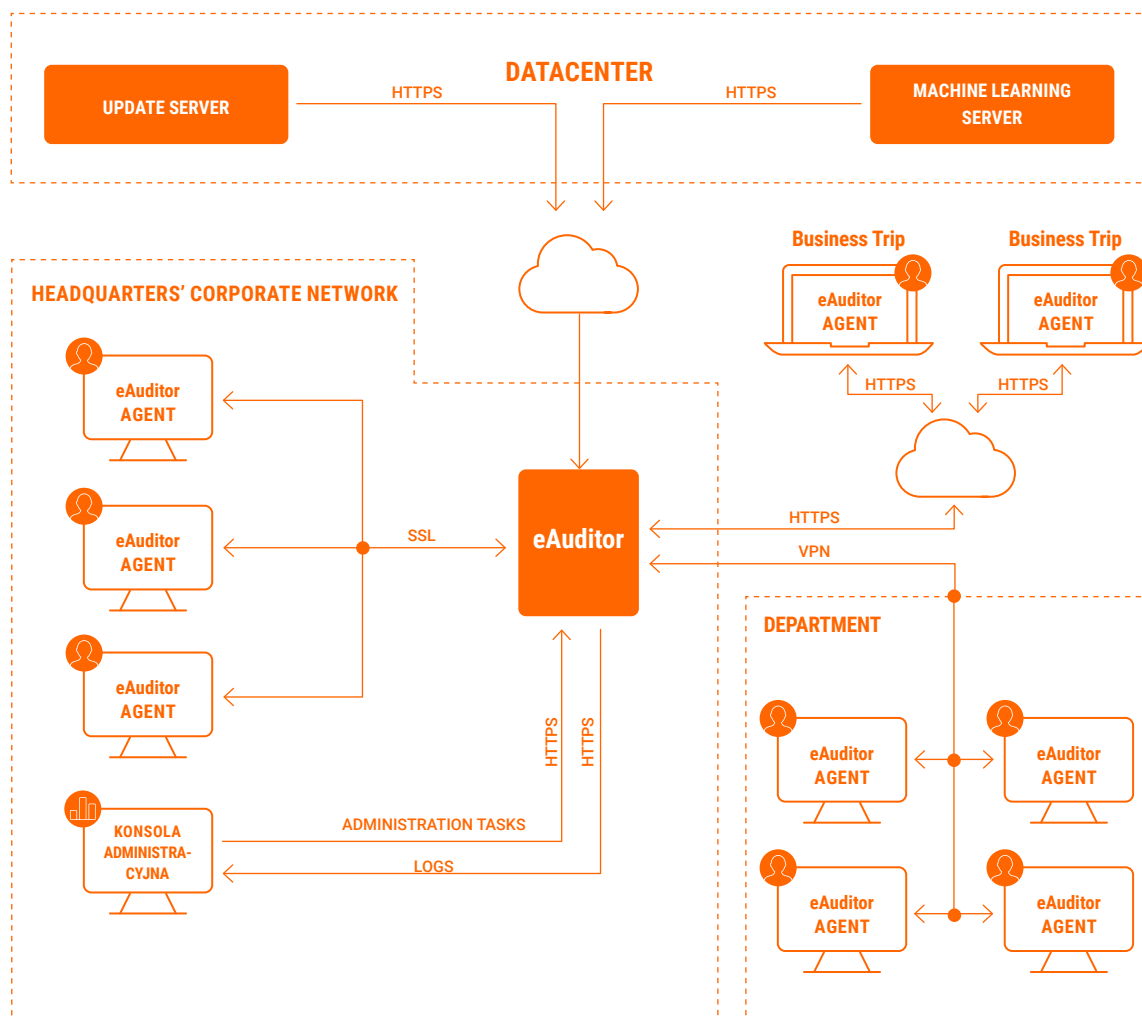
## REMOTE INSTALLATION

This is a functionality in the eAuditor system that allows you to install executables via remote desktop from any location.

- Mass installation of files via remote desktop
- Ability to remotely install applications on a kiosk
- Public and private repository
- Simple installation verification



# HOW DOES EAUDITOR WORK?



## Technical requirements

### eAgent

- Windows operating system  
Windows 7, Windows 8, Windows 10, Windows 2008 Server, Windows 2012 Server, Windows, 2016 Server, Windows 2019 Server
- Linux operating system – Ubuntu distributions 11.04 or higher, Fedora 16 or higher, CentOS 6.3 or higher, Debian 6.0 or higher, RedHat 6.0 or higher
- MacOS operating system:  
macOS X 10.7, macOS X 10.8
- RAM: min. 1 GB, HDD min. 10 GB
- eAgent supports the following web browsers in terms of monitoring user activity on the web  
Web: Opera version 63.0.3368.94, Chrome version 77.0.3865.90, Firefox version 69.0.2
- for devices on which eAgent is installed, no Microsoft SQL Client Access license is required License (CAL)

### eDatabase

- MS SQL 2012 (all versions)
- MS SQL 2014 (all versions)
- MS SQL 2016 (all versions)
- MS SQL 2017 (all versions)
- MS SQL 2019 (all versions)
- 4 GB RAM, 40 GB HDD, 64-bit processor
- 1 x license of Microsoft SQL Server CAL per Device\*

### Web server

- Windows 64-bit (Windows 10, Windows Server 2012 or later)
- Java 8 (JRE or JDK), Apache Tomcat 8.5
- 8 GB RAM, 20 GB HDD, 64-bit processor
- Microsoft SQL Server CAL per User or per Device\*

### eServer

- Windows XP/Vista/7/8.x/10.x
- Microsoft Windows Server 2003/2008/2012/2016/2019
- 4 GB RAM, 40 GB HDD, 64-bit processor
- 1 x Microsoft SQL Server CAL per Device license\*.

### eWebConsole

- HTML5-compliant web browser  
(e.g. Internet Explorer 11, Firefox, Chrome, Opera)
- Microsoft SQL Server per User or per Device

\* dla wersji MS SQL Express Edition licencje CAL do Microsoft SQL Server nie jest wymagana.



## 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
- Hyprovision 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!

[www.eauditor.eu](http://www.eauditor.eu)