



SECURITY SOLUTIONS FOR HEALTHCARE

Healthcare has become a top target of cybercriminals for its wealth of valuable data—from detailed patient records and insurance information to credit cards and social security numbers.

Once stolen, this data can be sold on the dark web and used for fraud and identity theft. Increasingly, stolen credentials are being used in ransomware attacks in which the user is locked out of their account and extorted for payments to regain access. These payments can range in the millions of dollars.

These cybercrimes don't only have a financial impact. A ransomware attack or DDoS incident can have an incalculable human cost in terms of lost medical records, missed appointments and cancelled medical procedures.

ESET solutions, based in over 30 years of research and innovation, are trusted by leading healthcare organizations worldwide.

ESET: Preventive medicine against cybercrime

While requirements vary greatly between healthcare providers, ESET solutions address the challenges common to each institution, including:

- Protection of highly sensitive data, including PII, medical records and payment information
- Privacy and security issues surrounding the rise in telemedicine due to Covid-19
- The shift to electronic medical records, which can be locked down or deleted in an attack
- Stringent compliance requirements driven by HIPAA, PCI, Centers for Medicare and Medicaid Services, etc.
- Reliance on third party vendors for services and equipment, which can increase breach risk
- Equipment ranging from legacy hardware and multiple OSes to the latest mobile devices

- **More than 40% of organizations are not compliant with conducting response and recovery planning.**¹
- **Ransomware demands increased drastically in 2021-\$240M reported in November of 2021.**²
- **\$7.13 million: Average cost of a data breach for healthcare organizations.**³
- **The three primary ways in which attackers access an organization are stolen credentials, phishing and exploitation of vulnerability.**⁴

Recommended products:

ENDPOINT SECURITY

ESET Endpoint Security combines strong malware and exploit prevention by leveraging ESET's multilayered approach incorporating machine learning, advanced behavioral analytics, big data and human expertise.

ENCRYPTION

ESET Full Disk Encryption provides powerful encryption managed natively by ESET PROTECT and increases your organization's data security and compliance with regulations.

TWO-FACTOR AUTHENTICATION

ESET Secure Authentication is an easy-to-use and effective mobile-based multi-factor authentication (MFA) solution that protects organizations from weak passwords and unauthorized access.

CLOUD-BASED SANDBOX ANALYSIS

ESET LiveGuard Advanced is a proactive cloud-based threat defense against targeted attacks and new, never-before-seen threat types, especially ransomware.

BACKUP AND RECOVERY

Safeguards data, applications, and systems in both physical and virtual environments to help you recover from a lockdown due to ransomware or shutdowns caused by natural disaster.

ESET Business Solutions for Healthcare

ESET PROTECT solutions include the following components:

- **Endpoint protection**
Powerful multilayered protection for desktops, laptops and smartphones.
- **File server security**
Lightweight multilayered server protection, to ensure business continuity.
- **Remote management console**
ESET's unified cybersecurity platform interface, providing superior network visibility and control.

Additional solutions for healthcare include:

- **Endpoint detection and response** for increased visibility into emerging threats, risky employee behaviors and unwanted applications.
- **Two-factor authentication** to restrict access to networks, devices and data and meet compliance requirements.
- **Online cybersecurity awareness training** for faculty and staff to reduce risks posed by phishing, social engineering and other scams.

	ESET PROTECT Entry	ESET PROTECT Advanced	ESET PROTECT Complete	ESET PROTECT Elite	ESET PROTECT MDR
Remote management via cloud or on-premises console	✓	✓	✓	✓	✓
Endpoint protection	✓	✓	✓	✓	✓
Server security	✓	✓	✓	✓	✓
Full disk encryption		✓	✓	✓	✓
Cloud sandbox analysis		✓	✓	✓	✓
Mail security			✓	✓	✓
Cloud app protection			✓	✓	✓
Detection and Response				✓	✓
Vulnerability & Patch Management			✓	✓	✓
Multi-factor Authentication				✓	✓
Security Services					✓

Testimonials

"ESET Endpoint Antivirus is peace of mind, we don't worry about it... it protects our business."

—Adrian Dooley, Head of IT, Pinewood Healthcare Ltd. [SEE VIDEO](#)

"ESET has worked for us to protect the security of our highly sensitive data."

—CNY Fertility Center [SEE CASE STUDY](#)

Sources:

- <https://www.forbes.com/sites/saibala/2023/04/29/with-increasing-reliance-on-healthcare-technology-cybersecurity-is-a-growing-concern/?sh=74ff7e0926ee>
- <https://www.hhs.gov/sites/default/files/2022-retrospective-and-2023-look-ahead.pdf>
- IBM Security Cost of a Data Breach Report 2020
- <https://www.verizon.com/business/resources/T520/reports/2023-dbir-healthcare-snapshot.pdf>