ESET® Digital Security
Progress. Protected.

The Healthcare Threat Landscape

The healthcare sector remains a prime target for cyberattacks and hacking incidents. The Office for Civil Rights of the U.S. Department of Health and Human Services (HHS) lists more than 800 incidents and breaches currently under investigation, with the average cost of each being $9.77 million* – double the average across all sectors.

Cybercriminals are increasingly targeting healthcare organizations due to the valuable and sensitive data they hold. Patient records, financial information and proprietary medical research are all highly sought after by threat actors. It is therefore essential for healthcare providers to implement robust cybersecurity measures to protect their systems and data.

To do that effectively, providers need access to constantly updated, sector-relevant threat intelligence that informs threat detection and incident response. They cannot afford any kind of data breach or system downtime, as these issues can negatively affect patient outcomes and operational efficiency. Ensuring the continuous and secure operation of electronic health records (EHRs), internet of medical things (IoMT), telehealth platforms, and other vital tools and services is crucial.

THE MAIN CONCERNS OF HEALTHCARE PROVIDERS

✔ Phishing and ransomware

✔ Disruptive DDoS attacks that cause downtime

✔ Exploits that can compromise system integrity via software vulnerabilities

✔ APT groups conducting malicious activities, including cyberespionage

THEIR CRITICAL NEEDS

✔ Enhanced resiliency against ransomware and data breaches

✔ Cast-iron confidentiality and integrity for the patient data they hold

✔ Compliance with healthcare regulations (e.g. HIPAA)

HOW CAN ESET THREAT INTELLIGENCE HELP?

ESET is a trusted provider of cyber threat intelligence to the healthcare sector, with 38 years of experience in cybersecurity. Our global presence, built up over decades, provides us with a rich and diverse intelligence library drawn from more than 100 million nodes.

By leveraging ESET's feeds and APT reports, you gain access to high-quality, actionable insights that enhance your threat detection and response capabilities. ESET goes well beyond just collecting indicators – we employ advanced AI technology and expertise to provide your organization with real added value.

We deliver actionable intelligence that leads to faster, better decisions

We provide unique insights that enable a profound understanding of the threat landscape

We allow you to proactively zoom in on new and emerging threats

We enable you to prioritize threat investigation, and thus minimize impact

Unique, Enriched Intel for Actionable Insights

Threat intelligence is not just about collecting indicators and wrapping them up - ESET goes well beyond that. We employ advanced technology and extensive expertise to process and enrich our intelligence, ensuring it provides real value to your business.

1. **Comprehensive Telemetry:** ESET LiveSense, integrated within the ESET PROTECT Platform, delivers broad and deep collection of data from a hugely diverse range of telemetry.

2. **Diverse Collection Methods:** We also utilize diverse collection and monitoring methods, including honeypots, sensors, OSINT, and more, to gather large volumes of quality data.

3. **Advanced Processing:** All data is processed through our robust backend systems, which leverage AI to classify and analyze intel so that only the most relevant and actionable is surfaced.

4. **Expert Analysis:** Beyond automated processing, our skilled threat intelligence analysts and researchers play a crucial role, going beyond what machine learning and automation alone can achieve.
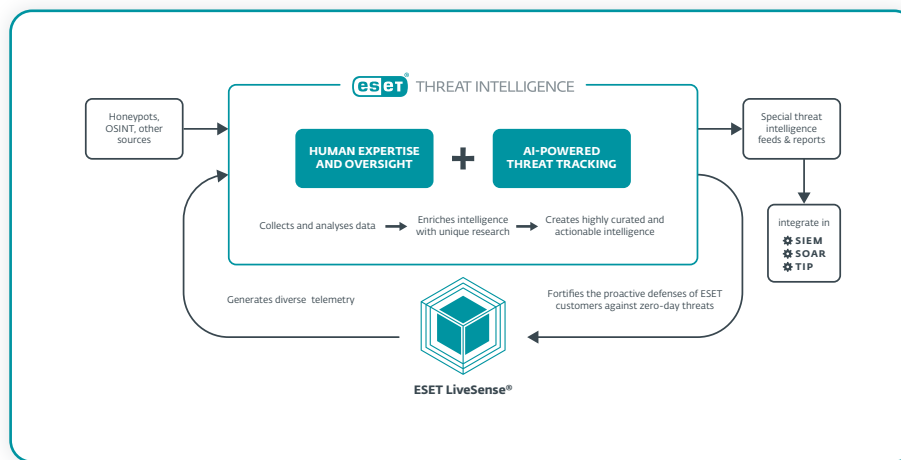
ESET Threat Intelligence, Tailored for Healthcare Providers

ESET Threat Intelligence is designed to help protect healthcare organizations against ransomware, data breaches and other cyber threats. Our 15 types of Data Feeds and APT Reports ensure the confidentiality and integrity of patient data, helping you comply with healthcare regulations and enhance your threat detection and response capabilities. As a healthcare provider, you will greatly benefit from the following curated feeds, which our customers in healthcare value the most:

MALICIOUS DATA FEED

Gain valuable insights from this real-time feed, which provides information on newly discovered malware samples, their characteristics, and IoCs. The feed includes details such as file hashes, timestamps, and identified threat types.

RANSOMWARE FEED

Combat ransomware with real-time data on prevalent samples. Our feed provides insights into active ransomware families, enabling proactive blocking. Stay ahead of threats and protect your organization from data breaches and costly disruptions.

BOTNET FEED

Leverage insights from ESET's proprietary botnet tracker network with our Botnet Feed. This feed comprises three sub-feeds: botnet, command and control (C&C), and targets. It provides crucial data, including detection details, file hashes, IP addresses, and more.

APT IOC

Benefit from valuable information from ESET's proprietary APT Feed, which provides insights into advanced persistent threats (APTs) based on ESET's meticulous research and long experience of APT detection and remediation.

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