

# Threat Intelligence for the Aviation Industry

As digital systems become more integral to flight operations, air traffic control, and passenger services, the aviation industry faces increasingly complex cybersecurity challenges. Cyberattacks that target aviation infrastructure can disrupt operations, compromise safety, and lead to significant financial and reputational damage.

Reliance on interconnected technologies continues to deepen, and protecting aviation systems against malware, ransomware, and supply chain attacks is key to maintaining operational continuity and passenger trust. Cyber-resilience is not optional—it's essential.

## THE MAIN CONCERNS OF THE AVIATION INDUSTRY

- ✓ Supply chain weaknesses and attacks
- ✓ Ransomware and malware
- ✓ Aviation infrastructure vulnerabilities

## THEIR CRITICAL NEEDS

- ✓ Protection against cyber threats targeting aviation systems and infrastructure
- ✓ Real-time threat detection and incident response
- ✓ Compliance with aviation cybersecurity regulations

## HOW CAN ESET THREAT INTELLIGENCE HELP?

ESET is a trusted provider of cyber threat intelligence in the aviation sector, with 38 years of cybersecurity expertise. Our global presence, built up over decades, provides us with a rich and diverse intelligence library drawn from over 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

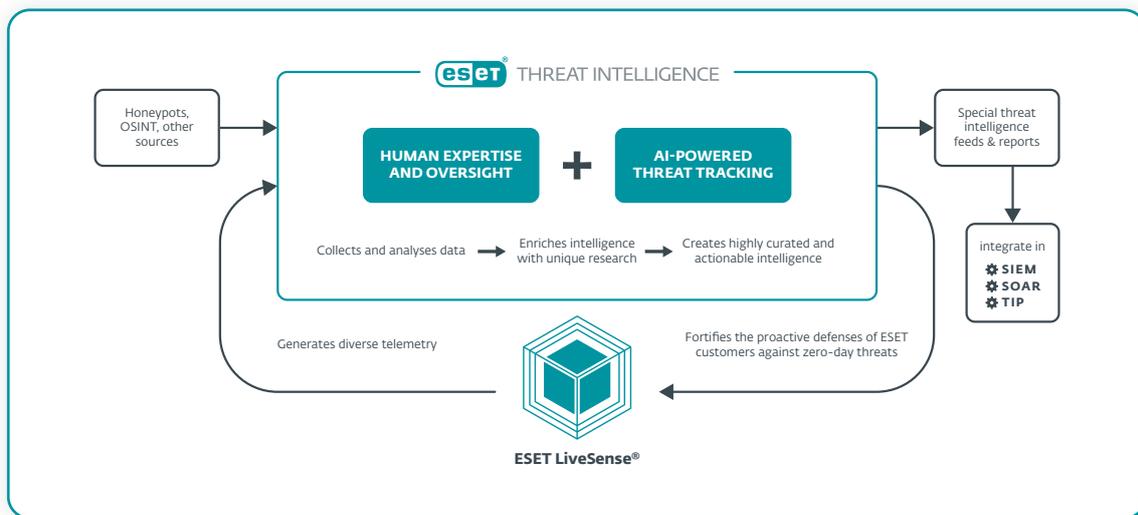


We enable you to prioritize threat investigation, and thus minimize impact

# 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 a 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 data 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 the Aviation Industry

ESET Threat Intelligence is designed to help aviation organizations stay ahead of today's pressing cyber threats, including ransomware, data breaches, supply chain compromise, and other threats. With 15 specialized Data Feeds and exclusive APT Reports, our threat intelligence enhances situational awareness and supports compliance, incident response, and risk mitigation across the aviation ecosystem—from airlines and airports to manufacturers and air traffic service providers.

The following curated feeds are especially relevant to aviation environments:

### 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.