Product Brochure

Enterprise SIEM for Closed Networks

Protective monitoring solution of choice for Government, Systems Integrators, MSSPs, and high security environments

Huntsman®
Defence-Grade Cyber Security

Enterprise SIEM for Closed Networks

The Huntsman Security Information & Event Management (SIEM) is a software solution architected and designed to operate independently in secure environments and closed networks without the need to rely on external resources to perform ANY function.

Why security teams choose the Huntsman SIEM

DEFENCE-GRADE SECURITY

Runs independently on closed networks. Aligned with Five Eyes community.

Unlike other SIEM solutions, our software updates do NOT rely on a "call home" facility to maintain our secure system's currency.

RAPID DEPLOYMENT

Local installation & training, security cleared engineers.

With our local installation support and training teams, we can bring your team up to speed within days – no specialist skills required.

HIGH SPEED IN-STREAM SOC PROCESSING

130,000+ EPS on a single platform.

Our robust solution can process 130,000+ events per second (EPS) on a single platform to dramatically reduce your time to detection and analysis. These high levels of processing are the product of a design decision to perform in-stream processing whereby all events are analysed before being inserted into the database. This means there is no risk of database contention or compromised performance in high volume environments.

FULLY CUSTOMISABLE

Can be extended on site. Works with data diodes & multiple layered architectures.

The Huntsman SIEM contains 800+ queries and reports out of the box (OOB) as well as operational and compliance dashboards including GPG13 and ISO27001. As each secured environment is different, the Huntsman SIEM adapts to any design and data source requirements and works with data diodes and multiple layered architectures.

The functionality most valued by defence-grade customers

- **Customisable and extendable on-site**
- **Protective monitoring for air gap/ data diode protected networks**
- **No license limitations**
- **Self-contained event analytics**
- **Out of sequence event handling**

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Features

Huntsman Security's SIEM sits at the core of your Security Operations Centre (SOC) as a single, comprehensive, yet flexible multi-functional threat monitoring and response platform.

Live Interface & Visualisation

Real-time MITRE ATT&CK® heatmaps and threat summary
GUI driven query interface to optimise investigation and save time

Configurable alert rules and behavioural models
Allowing the detection of the widest range of threats – including APTs and Zero Day threats

Centralised management & coordination
Alerting rules, event collection, queries and reports for reliable security governance

Lifecycle visibility of alerts
Threats and incident information for all stakeholders

Speed & Performance

Advanced, high speed in-stream event processing, analytics
Responsive decision making – with capacity in excess 130,000 events per second

Behavioural anomaly detection
Extend discovery beyond predefined patterns and signatures with machine-learning

Automatic collection and integration of multiple sources of Threat Intelligence
For enrichment, threat verification and orchestration, to speed up resolution of incidents and reduce false positives

Accelerated capacity for cyber security decision making
With multiple views of attack information by users or endpoints, to pinpoint an asset/user at risk and quickly tailor a defence

Workflow & Scalability

Simple, yet flexible
Deployment options and scalable data storage architecture

Support for virtualisation
Cloud and on-premise deployment

Optimised for detection
Correlation and reporting OOTB – an extensive range of inbuilt alerts for attacks, technology types and compliance standards

Support for a wide range of data sources and technology platforms
Hundreds of technologies supported natively + data stream or source can be configured

Broad range of pricing and licensing models
To suit organisations of all sizes and complexity (inc. Capex and OpEx subscription pricing)

Explore MITRE ATT&CK®

MITRE ATT&CK® Summary Dashboard

Early warning systems to alert your SOC team to pending cyber-attacks are invaluable.

Huntsman Security's SIEM offers built-in high speed detection capabilities, matched to the MITRE ATT&CK® framework, that adds visibility and contextual information on pending attacks and their severity.

MITRE ATT&CK® Summary Dashboard

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The value of Huntsman's SIEM is evident in the vast number of sensitive/ mission critical environments that use it, where the consequence of **a breach can be measured in human lives.**

MITRE ATT&CK® heatmap highlights:

- Live dashboard that changes colour progressively, shows changes in tactics such as lateral movement and privilege escalation as they occur
- Equips analysts with an accurate picture of the state of alerts and detailed actions on how best to respond
- Multiple views of attack information by users or endpoints, to pinpoint an asset/user at risk, and quickly tailor responsive action
- Identifies patterns of intrusions and onward activity, to pre-empt subsequent stages
- Provides easy access to mitigations, for each stage of an attack, with a simple right click
- Provides context of alerts and stage(s) in the attack lifecycle, with a clear visual display based on users, endpoints or time windows
- Prioritises which alerts get attention, based on severity and volume of occurrences

MITRE ATT&CK® Active Heatmap

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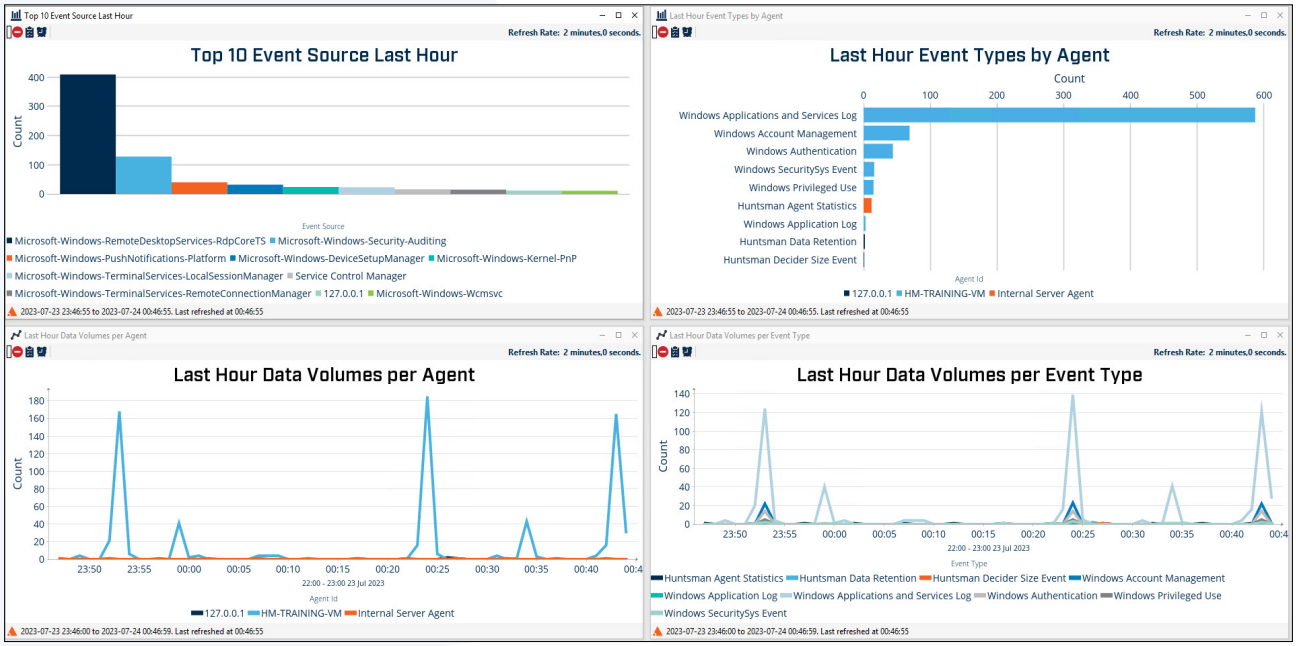
Designed as the cornerstone of any Security Operations Centre - to **deploy into complex environments** and manage data across multi-layered networks.

Reporting and Alerting

Visualisation of cyber-risk data is integral to the diagnostic process, and clarity of that information is also key to operational dashboard effectiveness and informed security reporting.

Any data set within the system can be easily translated into a report and automatically published to a relevant stakeholder in support of your compliance and reporting needs.



Live Dashboard

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We provide **real time visibility of the state of your security operations** with live dashboards and alerts to **inform your response to attacks** and guide your team through investigation and resolution.

Behaviour Anomaly Detection (BAD2)

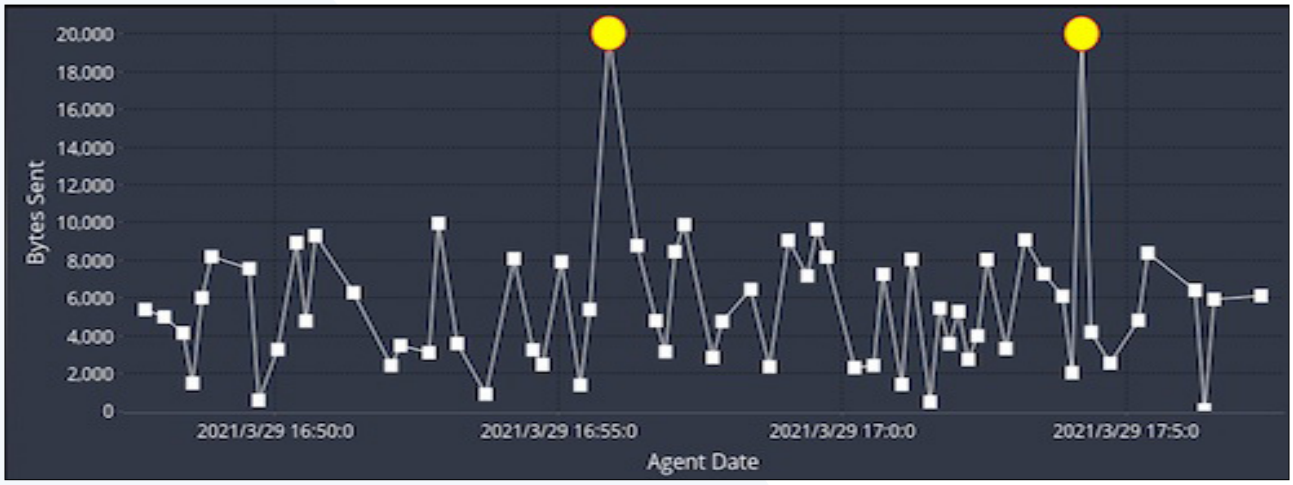
Huntsman Security's patented Behaviour Anomaly Detection (BAD2) engine is integrated into its SIEM to provide real-time machine learning capabilities to detect unknown threats.

Huntsman Security's SIEM analyses activity, based on the organisation's risks, threats and vulnerabilities, to learn normal patterns of behaviour and activity. Armed with activity baselines, it detects threats or suspicious activity that differs from expected behaviour.

Huntsman Security's SIEM can detect:

- Higher/unusual volumes of network session or user traffic on a per user or per host basis
- Volumes of events such as file accesses or other activity on hosts/workstations
- Changes in the usage profile of application servers or query operations on databases
- Changes in the frequency or prevalence of operations – up or down

By dynamically profiling multiple variables with sophisticated in-stream behavioural algorithms, the detection engine adapts to changes and trends over time; either adjusting and relearning "normal" values or using fixed/pre-set baselines, depending on the nature of the environment and risk.



Behavioural Analysis - Network Data Transfer Anomaly

It incorporates **best practice security and compliance,** and is deployed in the some of the most highly accredited security environments in the world including: UK GPG13 and Australian ISM

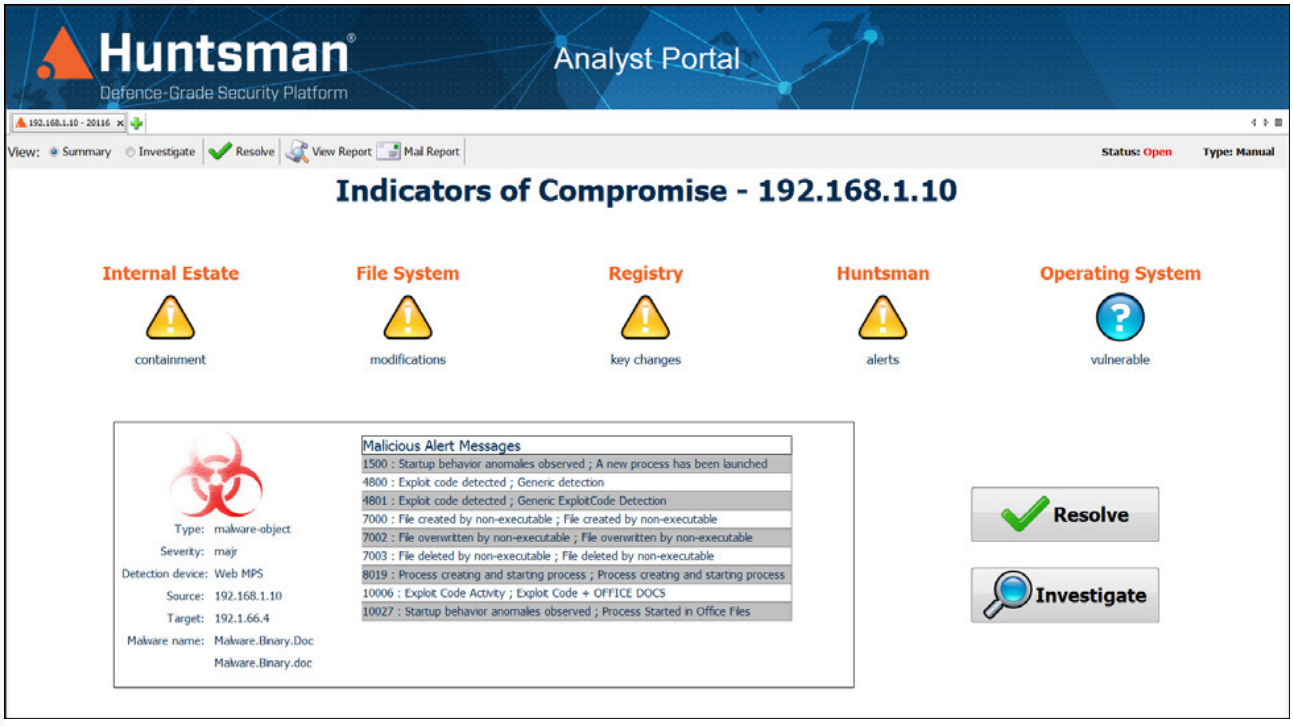
Threat verification and automation

Huntsman Security's SIEM provides extensive automated response script and command execution capabilities, (Guardian Response). Additionally, we provide the option to include our integrated Security Orchestration, Automation and Response (SOAR) technology.

Guardian scripts can automatically initiate complex automated responses, including:

- Asynchronously seek data to enrich the investigation process, therefore reducing operator workload and limiting the time between detection and response
- Verify security alerts in seconds, automatically seeking supportive contextual data to distinguish between real threats and false positives
- Support the threat response process of security analysts through the delivery of a case file of all available and relevant threat information, or launch specific machine-automated actions in response to trigger events

Once an alert has been legitimised as both serious and genuine, the system can be configured to take actions to mitigate risks such as (i) threat containment at a network level; (ii) initiate perimeter/Wi-Fi connection termination; (iii) isolate or suspend a user account based on malicious user activity.



Automated Threat Verification

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Offering processing capacity in excess 100,000 events per second, rapid resolution through extensive internal and external threat intelligence, and **in-built security and compliance best practice**

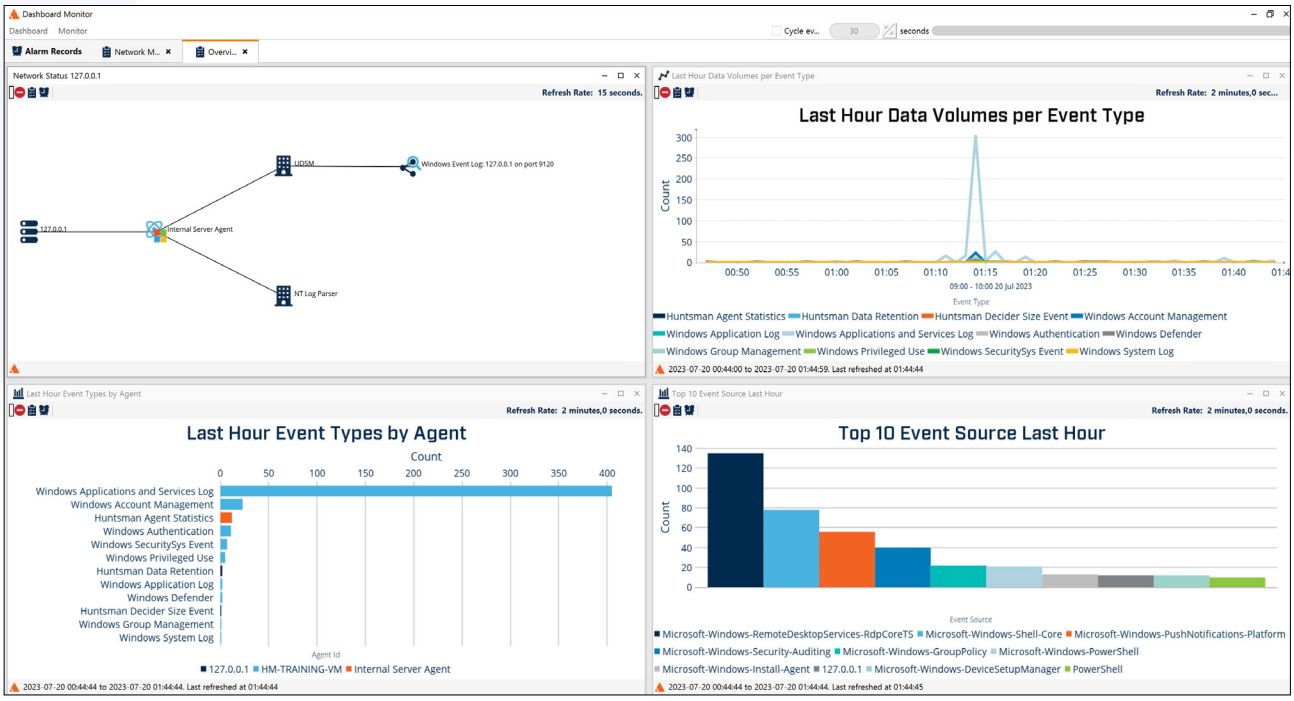
Managing alerts and incidents

Detecting a threat and generating an alert is only the first stage of the security operations process.

Huntsman Security's SIEM provides complete support for the alert triage, investigation and response lifecycle.

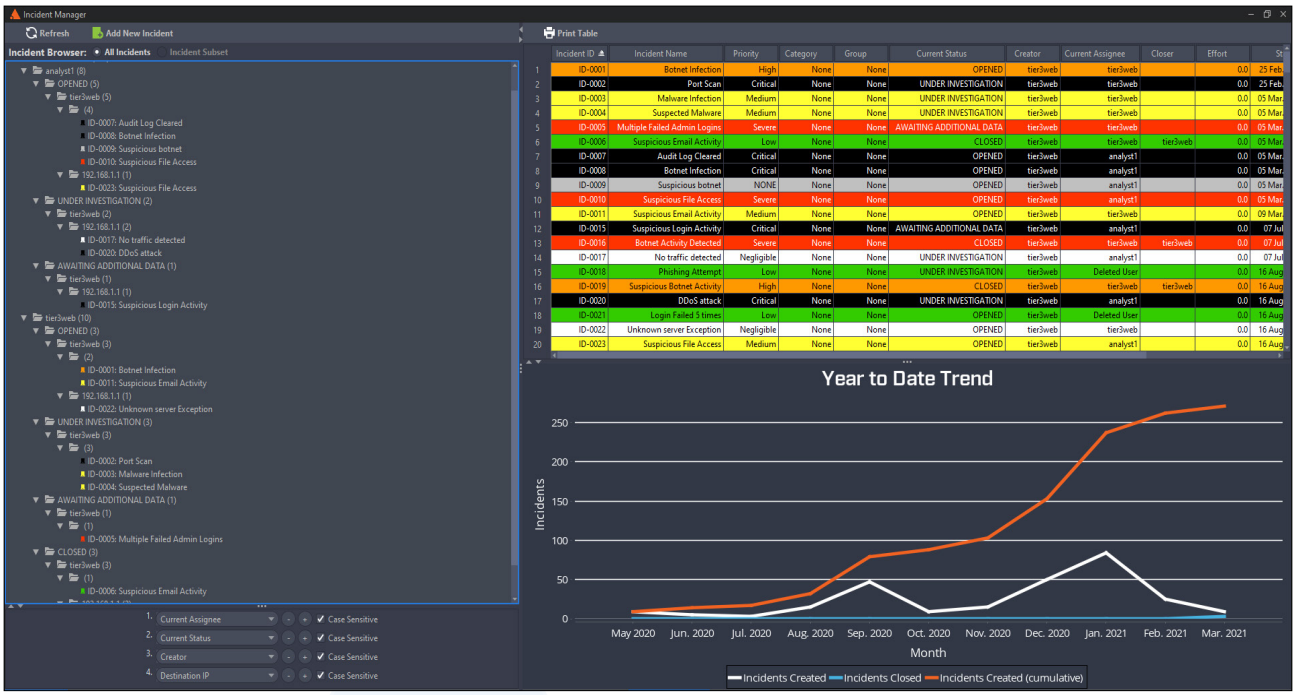
Key alert and incident features of Huntsman Security's SIEM:

- Threat verification automatically gathers evidence to enrich alert data and eliminate false positives
- Alert tagging, to aid triage and classification with customisable statuses
- Clearly pinpointing an asset or user at risk, through multiple views of attack information by users or endpoints. This simplifies and accelerates critical cyber security decisions and response actions.
- Incident management, screens for tracking, as issues are opened, investigated and closed
- Incident history and root cause reporting



Alert Classification Dashboard

Our SIEM's in-built incident management solution allows serious problems, comprising multiple alerts, events, data sets and multiple stages of investigation to be handled and reported with ease and efficiency.



Incident Summary

Register for a Demo

Register for a 15-minute demonstration of our SIEM

Register

Explore the FAQs > **Talk** to an expert >

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Want to find out more?

Talk to an Expert

Or contact your local Huntsman Security office (listed below) to talk to one of our team today.

About Huntsman Security

Since 1999, Huntsman Security has been on the cutting-edge of cyber security software development, serving some of the most sensitive and secure intelligence, defence and criminal justice environments in the world.

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