K7 SECURITY

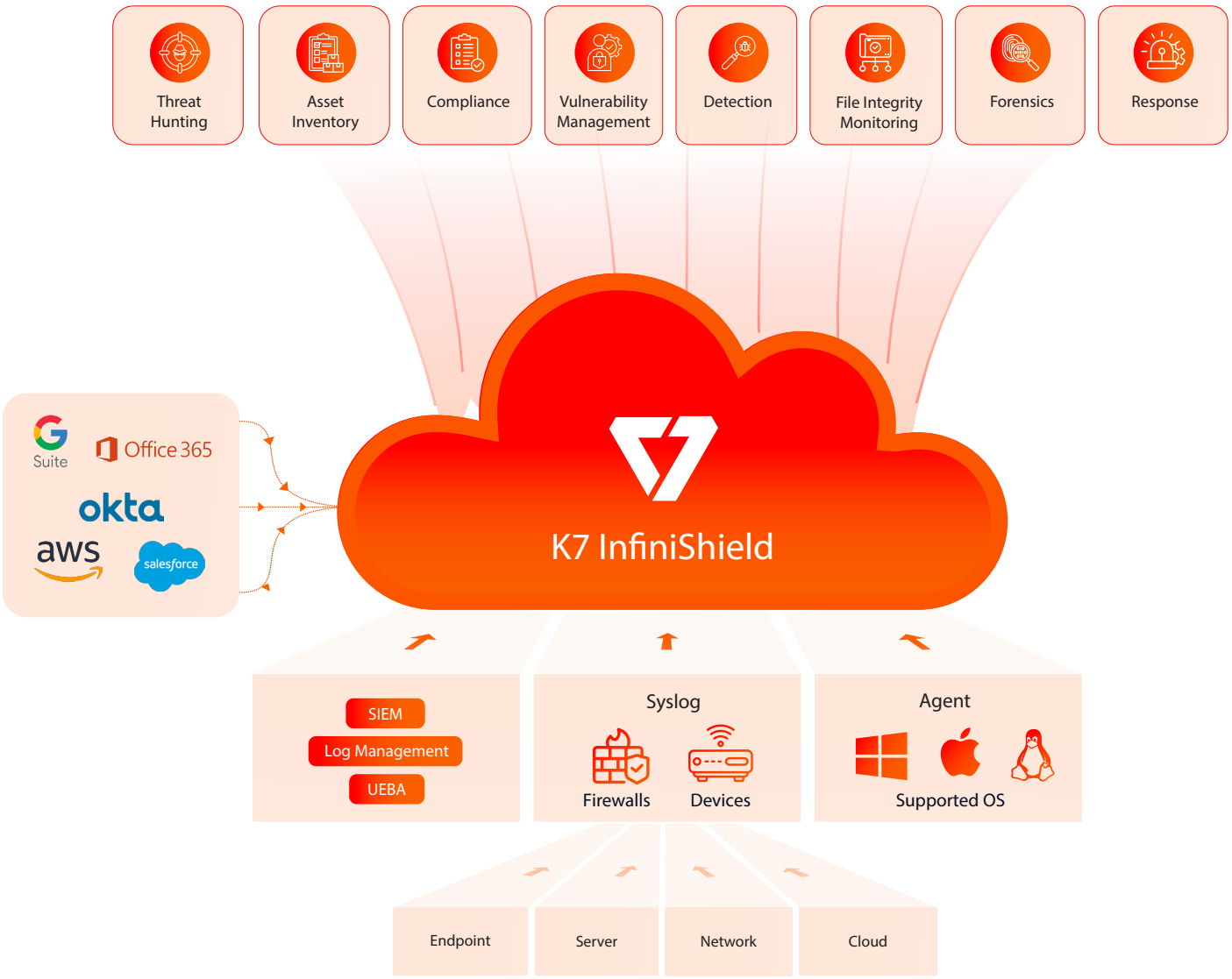
K7 InfiniShield

Unified Platform for Extended Defence with Unparalleled Security, Observability, and Compliance

Enterprise cybersecurity is a patchwork of diverse solutions from multiple vendors that increases the cost and complexity of cybersecurity, resulting in gaps in cyber defences and stress on IT teams who struggle to weave together multiple reports and alerts to gain a holistic view of security across the organisation.

K7 InfiniShield – AI-enhanced Unified Platform for Single Pane of Glass Cybersecurity

K7 InfiniShield is a unified platform that integrates enterprise security infrastructure, surfaces relevant threat signals, and delivers timely, contextual alerts to transform the effectiveness of enterprise cybersecurity and ensure compliance.



Unrivalled Fusion of Technology and Services

The 7 Constituents of K7 InfiniShield

K7 InfiniShield transforms cybersecurity by combining multiple cybersecurity components together and delivers

1. A **cloud hosted analytical SIEM** that correlates and enriches data and provides behavioural analytics as well as log management capabilities
2. An **endpoint solution** that captures and streams key events in real-time from devices to the cloud-hosted SIEM
3. **Stream detection and event correlation** to detect malware as well as malicious user and entity behaviour on endpoints as well as in the SIEM
4. An **aggregator** that captures data from network devices and cloud services
5. An **orchestration and operational platform** that can connect to device APIs or servers/workstations to execute jobs as necessary in response to a threat
6. A **browser-based management interface** that allows for sub-second searching and visualisation using an easily understood query language
7. An **operational platform** that allows for endpoint management

K7's Services

K7 InfiniShield includes Managed Detection and Response (MDR) that delivers a perpetually improving enterprise cybersecurity posture that can stay ahead of the rapid and relentless evolution of the cyberthreat landscape.

Cybersecurity specialists from K7 provide

- 24/7 threat monitoring, threat hunting, and analysis
- Incident response and remediation
- Security Information & Event Management (SIEM) integrating data from any source
- Anomalous behaviour detection through User and Entity Behaviour Analytics (UEBA)
- Attack Surface Management (ASM) for comprehensive visibility, monitoring, and control over an organisation's digital footprint
- Vulnerability management to prevent attacks and harden infrastructure
- Network/Cloud Services monitoring
- Customised reports to track SLAs and KPIs

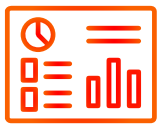
All elements of enterprise digital infrastructure, including on-premises, cloud, remote functions, legacy equipment, and operational technology, benefit from dynamic, AI-enhanced cyberthreat protection that leverages the MITRE ATT&CK framework to create a perpetually elevated cybersecurity posture.

Enterprise Cyber Defence – Without Equal!

Comprehensive Security, Seamless Protection

Cybersecurity should be exhaustive, not exhausting. K7 InfiniShield collects security event information from every element of enterprise digital infrastructure, and correlates across endpoints, network, cloud, Active Directory, logs, email, and identity data to surface threats.

Security teams no longer need to sift through mountains of data and can focus their efforts on high-impact initiatives and preventive and remedial action.



Dashboards

Managed XDR

Cloud SIEM

Incident Response

Threat Hunting

Log Management

Benefits

- Quick, easy deployment with no additional hardware/VM footprint
- Sensor-driven unified platform enables proactive identification and mitigation of security gaps across the attack surface
- Single dashboard view of, and search across, all cybersecurity assets
- Native forensic capabilities enable in-house analysis, with artefact collection across online and offline endpoints
- Reduction in Mean-Time-To-Identify (MTTI) and Mean-Time-To-Response (MTTR)

Highlights

- Fully managed SIEM with integration of proprietary EDR and third-party data from any source
- Comprehensive log management with analysis of real-time and archived logs
- AI-enhanced real-time threat detection
- Automated threat containment and mitigation
- Global threat intelligence feeds from K7 Labs
- MITRE ATT&CK based threat detection

Superior Visibility Delivers Superior Insight

Single-pane view of enterprise digital infrastructure including endpoints, networks, applications, devices, processes, APIs, cloud, file access, browsing history, and remote access ensures attack surface management with no dark zones and delivers quick identification of threats that would otherwise be invisible.

Alerts

Graph Explorer

Analytics

Asset Inventory

Continuous Monitoring

Behavioural Analytics

Infrastructure

Network

Application Logs

Distributed Tracing

Cloud

User Activity

Cloud File Storage

Benefits

- Immediate notifications for critical issues enable rapid incident response
- Trend monitoring identifies patterns and supports resource requirement projections
- Customisable dashboards and visualisations help security teams monitor problematic areas without compromising their across-the-enterprise view
- Cloud Security Posture Management (CSPM) identifies and eliminates cloud misconfiguration

Highlights

- Customisable dashboards
- Comprehensive asset inventory
- Network monitoring
- Vulnerability monitoring with patch management
- Anomalous behaviour detection through User and Entity Behaviour Analytics (UEBA) and continuous behaviour profiling
- Data lake with extensive cybersecurity event information storage facilitates incident analysis

Intelligent, Scalable Security Management

Intelligent automation and customisable playbooks help security teams orchestrate response and minimise human error at any scale of operations. Deploying cybersecurity and backing up data is simplified with endpoint discovery and integration.

Reports

Integration

Playbooks

Integrated Ticketing

SOAR

Infrastructure Management

Remote Access

Live View

Benefits

- Comprehensive SOAR capabilities with integration across endpoints, networks, and the cloud, and support for agentic AI, improve security team effectiveness and efficiency
- Extensible with APIs and scripting engine for deep customisation
- Marketplace for sensors facilitates integration of cybersecurity solutions from diverse vendors

Highlights

- Customised reports
- Authorised remote shell access from a browser
- Session sharing and collaboration without 3rd party tools
- Integrated ticketing for quick issue resolution

Enhanced Compliance, Zero Hassle

Avoid scrutiny and penalties with automated compliance against multiple regulations.

File Integrity Monitoring

Compliance Tracking

Benefits

- Simplified compliance across jurisdictions
- Define organisation-specific regulatory criteria

Highlights

- Continuous file integrity monitoring
- Inbuilt templates for major standards and regulations
- Recommendations to improve compliance automation

Unmatched Capabilities

K7 InfiniShield's host-based agents can also act as **collectors,** enabling event capture without additional hardware appliances.

Customers can select one or more of the agents as **log aggregators** and forward data (flows and logs) from their devices (routers, switches, etc.) to the aggregators to monitor the network.

K7 InfiniShield leverages **APIs** to integrate with an expanding number of cloud services and K7 works with customers to integrate any custom services and/or applications that provide APIs.

Logs, enriched on-premises, are sent to the K7 InfiniShield cloud over an encrypted tunnel where they are further enriched and reside for 30 days and can be accessed via APIs or a rich user interface.

Analysts can access all of the data, including alerts and reports, in the K7 InfiniShield cloud using an **easy-to-use query language.** Visual widgets allow analysts to easily interact with the data, build and download reports, and create customised dashboards.

K7 InfiniShield's SIEM **ingests data in real-time** from a wide variety of sources, including host-based, network, and cloud services. Integration with Active Directory and DNS servers minimise false positives. A flexible pipeline allows ingestion of custom logs.

The platform provides **behavioural analysis** via

- Behavioural Detection through instrumentation on the endpoint
- Behavioural Analytics using historic and real-time logs ingested into the K7 InfiniShield SIEM. This module is customised for each organisation after an initial baselining period

K7 InfiniShield leverages an operational platform to **automate responses** to high fidelity alerts. K7 works with the customer and their installed technologies/APIs to determine response playbooks.

K7 InfiniShield stores 30 days of logs (expandable) for immediate results. A flexible query language allows for easy **searching, visualisation, and analytics.**

Powered by the World #1 in Performance

K7 InfiniShield is powered by K7's proprietary scan engine that performs AI-assisted threat evaluation and blocking at the endpoint, delivering attack protection at the edge and avoiding the delay in communicating with the cloud for routine security activity.

The K7 scan engine is renowned for its efficiency and is proven to protect without impacting device performance.

Why Choose K7 InfiniShield?

Increased SOC Efficiency & Productivity
Automates and optimises security processes to reduce manual effort.

Faster Threat Detection & Response
Correlates data across multiple layers for rapid, accurate attack identification.

Improved Threat Hunting
Delivers deeper visibility and advanced analytics for proactive threat mitigation.

Reduced Alert Fatigue
Consolidates and prioritises alerts to cut through noise and minimise false positives.

Automated Incident Response
Orchestrates and accelerates remediation actions to contain threats in real time.

Enhanced Security Posture
Unifies endpoint, network, cloud, and email security for end-to-end protection.

Better Compliance & Reporting
Centralises security insights to simplify audits and regulatory adherence.

Eliminates Security Blind Spots
Integrates and analyses data across the entire attack surface for complete visibility and observability.

Service-Level Agreement
Maintains availability of 99.9% each month, excluding scheduled maintenance.

Why Choose K7?

Unparalleled Expertise

K7's principals have responded to several of the largest incidents in the world, supported CERT-IN, and led investigations and remediation efforts in the GCC and India.

Wide Industry Exposure

K7's clients span several sectors, including finance, retail, telecom, media, technology services, maritime, university, legal, and government.

Superior Trust

K7 has helped harden the servers of Indian defence to prevent infiltration.

Superior Knowhow

K7 has been involved in various research and development efforts aimed at assuring compliance and automating threat detection.

About K7 Security

K7 is a pure play cybersecurity provider founded in 1991 to protect the world against cyberattacks. K7 offers comprehensive, full stack managed security for businesses, delivering assured compliance and threat defence. An anti-ransomware pioneer with patent-pending technology, K7 operates at the forefront of cybersecurity and is an early adopter of AI for automated threat hunting. K7 is one of a few cybersecurity vendors in the world to have developed a proprietary scan engine that serves as the foundation on which K7's solution suite is built. K7's scan engine has been repeatedly awarded for efficient and effective protection and delivers cybersecurity at the edge for rapid threat detection.

K7 SECURITY

The Global Cybersecurity Pioneer

India | Singapore | UAE | USA

www.k7cybersecurity.com

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