XYGATE® SecurityOne®

PATENTED

HPE NonStop Risk Management
Business Benefits and Financial Analysis

Executive Summary

XYGATE SecurityOne (XS1) is a unified Security Management and Analytics solution for HPE NonStop servers and applications. XS1 provides real time Risk Management, Threat Detection, Vulnerability Assessment, Compliance Reporting, and Integrity Monitoring using a modern browser-based interface.

Prior to XS1, organizations were challenged to meet compliance standards, dedicate time for audits, proactively monitor log files, and identify threats. Having to piece together point solutions is an inefficient and manual process. The volume, velocity, and availability of the data made this an impossible task. There is a direct opportunity cost when disjointed and manual processes are used for monitoring, threat detection, and compliance activities. XS1 improves the productivity of security operations while maintaining compliance with regulations such as PCI DSS, GDPR, and others.

XS1 is a modular platform that deploys on-premise or in the cloud. XS1 is a complementary technology to a customer's existing Security Information and Event Management (SIEM). HPE NonStop raw data is analyzed using XYPRO's **patented** contextualization technology and forwarded, in natural language, to your SIEM of choice. Without XS1, SIEMs have no understanding of what the data or activity from the HPE NonStop server environment and its applications mean. XS1 greatly improves a SIEM's ability to identify threats to the NonStop environment and quickly alert on security incidents.

80%
IT Resources Freed Up

Business Benefits

XS1 Reduces the Cost of Incidents By 80%
Based on a recent study by the Ponemon Institute[1], the probability that an organization will experience a material breach in the next 24 months is 27.9%. The current mean time to identify and contain a breach is 280 days. XS1 helps organizations reduce the mean time to detect and respond by up to 80%, dramatically reducing the impact of a material breach. The same report states that **organizations that contained a breach saved over $1 million** as compared to those that took over 30 days.

XS1 Compliance Reporting Saves Thousands of Hours Per Year
Supplying the key pieces of information necessary for audit reports requires "pulling" data from multiple systems and consolidating into audit reports. This process is typically manual and can take months. XS1 compliance monitoring and audit reporting are automated. Reports are generated in real time.

organizations that contained a breach in less than 30 days saved over $1 million

XYPRO
Mission Critical Security

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[1] Source: Ponemon Institute Cost of a Data Breach Study 2018
[2] Data based on analysis of large US Based financial institution with multisystem NonStop environment

XS1 Increases Staff Productivity

Most organizations cannot allocate enough resources to proactively monitor their environment. Instead, security staff must devote time at the back end, investigating potential incidents - a very manual and time-consuming process of collecting, correlating, and searching through disparate logs. XS1 automates incident identification by correlating data in real-time and highlighting actionable incidents that need immediate attention. Automation of investigation activities frees up nearly 80% of your staff's time, allowing them to focus on proactive monitoring.

XS1 Modernizes Security Resources

NonStop-dedicated resources are shrinking. However, the need to protect and secure systems has not changed.The volume of work performed and assets protected has multiplied. Not having the right resources to secure the HPE NonStop is a risk and having only a few staff members familiar with NonStop security management heightens the risk of insider abuse. Anyone with security management experience can use XS1 to manage HPE NonStop security without needing in-depth NonStop knowledge, greatly *reducing the risks* from resource attrition and insider abuse.

Financial Analysis[2]

Benefit	Year 1	Year 2	Year 3	Total
Compliance	*$172,800*	*$177,984*	*$183,324*	*$534,108*
Risk Reduction	*$215,338*	*$215,338*	*$215,338*	*$646,164*
Security Ops Improvements	*$66,560*	*$68,557*	*$70,614*	*$205,731*
Threat Intelligence Savings	*$47,600*	*$49,028*	*$50,499*	*$147,217*
Total Benefits	**$502,298**	**$510,907**	**$519,775**	**$1,533,220**

SIEM Limitations

Many organizations have a false belief that SIEMs are the ultimate authority on security threat detection. Unfortunately, SIEMs are only as intelligent as their input allows:

- SIEMs are not contextually aware of HPE NonStop servers, their applications or data
- Lack of context causes high false positive rates making them very noisy
- Because of a fragmented SIEM market, there is no standardization of data
- SIEMs rely on binary values or thresholds for alerts

SIEMs don't know what they don't know.

Improved Threat Detection and Response Time

XYPRO's XS1 consumes data via logs, agents and other sources not available to SIEMs. The now-contextualized, data-rich events can be forwarded to SIEMs, improving the quality of the SIEMs' analysis, which allows your security staff to quickly focus on real threats.

Cost Savings

Most SIEM vendors base license fees on data volume. XS1 is licensed per connected server rather than on event volume. XS1 can actually reduce SIEM fees. For example,10 HPE NonStop events forwarded directly to a SIEM result in a 10-event SIEM fee. Those same 10 events can be sent directly to XS1, which will correlate them and forward a single, contextualized incident to the SIEM. The result is a 90% cost saving on SIEM license fees associated with NonStop events.