Overview of BOSS Security Operations Platform

by Patrick Hayes, Chief Security Officer, UncommonX

BOSS (Business Operational Security Suite) is a software-as-a-service (SaaS) platform that delivers powerful insight with actionable outcomes. It's designed and built by UncommonX to provide organizations with 24×7 visibility into security issues and risks across the enterprise. BOSS responds to the increased needs of organizations to leverage limited resources cost-effectively while balancing operational risk management, cybersecurity, and threat response.

The actionable information provided by BOSS focuses on supporting effective, risk-based decision-making at all levels of an organization based on accurate real-time information about the current security posture and exposure to the external environment.

- **For executives**: BOSS provides a top-down view of the organization's cybersecurity risk exposure and how it affects its business objectives and critical information assets.

- **For cybersecurity managers**: BOSS provides an operational view of the status of security incidents and the organization's current security posture and enables more informed decisions for planning security operations and executing day-to-day activities.

- **For cybersecurity analysts**: BOSS provides an advanced tool set, including state-of-the-art correlation algorithms, security information event management, and workflow applications, for identifying and correlating threat events, prioritizing and responding to incidents, managing vulnerabilities, and supporting daily security operations.
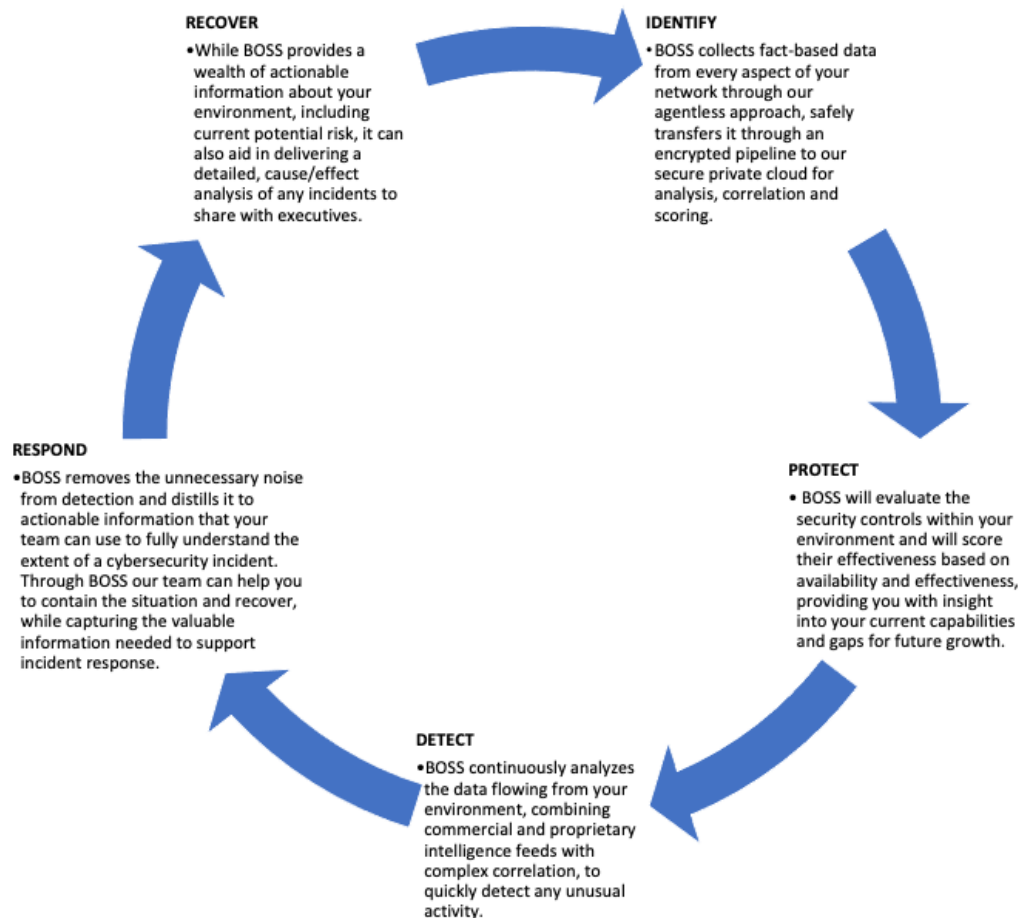
Improved Threat Visibility

Organizations are under rising pressure to manage operational costs while maintaining continuous availability of service. Rapidly changing and increasingly severe cybersecurity threats are overwhelming IT resources, posing increased risk to corporate reputations through the loss or theft of sensitive internal data and customer information. Discovering what's in your environment with an agentless approach, BOSS can interoperate with any network security devices and systems to quickly gather fact-based asset data about your systems and network. BOSS allows you the ability to

leverage limited resources in the most economical manner while balancing risk management and cybersecurity.

- Deploy faster and easier than any other platform on the market
- Reduce overhead with an agentless approach to discovery and data collection
- Deliver unprecedented 24/7 visibility into your entire environment
- Uncover hidden vulnerabilities that can expose you to cyber threats
- Prevent breaches and other attacks with 24/7 monitoring
- Enable better decisions with intel from external and proprietary global feeds

Enable Risk-based Decisions

BOSS has been designed to categorize, analyze, and compare your risks in relation to your people, processes, and tools based on the NIST (National Institute of Standards and Technology) and other major foundational security frameworks. The relative risk rating presented in BOSS can quickly and accurately help your organization align around priorities related to identification, protection, detection, response, and recovery.

RECOVER
- While BOSS provides a wealth of actionable information about your environment, including current potential risk, it can also aid in delivering a detailed, cause/effect analysis of any incidents to share with executives.

IDENTIFY
- BOSS collects fact-based data from every aspect of your network through our agentless approach, safely transfers it through an encrypted pipeline to our secure private cloud for analysis, correlation and scoring.

RESPOND
- BOSS removes the unnecessary noise from detection and distills it to actionable information that your team can use to fully understand the extent of a cybersecurity incident. Through BOSS our team can help you to contain the situation and recover, while capturing the valuable information needed to support incident response.

PROTECT
- BOSS will evaluate the security controls within your environment and will score their effectiveness based on availability and effectiveness, providing you with insight into your current capabilities and gaps for future growth.

DETECT
- BOSS continuously analyzes the data flowing from your environment, combining commercial and proprietary intelligence feeds with complex correlation, to quickly detect any unusual activity.

Significant and Meaningful Outcomes for Your Organization

BOSS was purpose-built to help customers achieve their business objectives by providing a comprehensive view of their cybersecurity risks. It supports all levels of the organization to make more effective risk-based decisions based on accurate real-time information regarding cybersecurity threats and risk exposure. The actionable information provided by BOSS can be used to improve overall performance and reduce information risks.

UncommonX can also provide customers with the necessary cybersecurity subject matter experts and 24/7 security operations support to deliver an unprecedented experience in cybersecurity program management and incident response. BOSS is there when you need it most.

About the author

Patrick Hayes is a hands-on leader with deep expertise in strategy, business operations, information security, and technical architecture. He has led multiple technology startups through funding, growth, international market expansion, and acquisition. Patrick has also held senior leadership roles with Hitachi, Allstream, and IBM. As a certified enterprise security architect, Patrick has also led large-scale security programs and operations in media and communications, finance, oil and gas, and public sector organizations. Patrick is a regular speaker on the topics of enterprise security architecture, business-driven security, application security, incident response management, and security operations management.