Stellar Cyber Open XDR

Improve security across Barracuda solutions for better visibility, correlation, and auto-response

Today's security tools are often siloed across multiple elements where they generate more data than the available security personnel are able to deal with and where gaps create the potential for missed threats. Combining Barracuda CloudGen Firewall and Web Application Firewall solutions with the Stellar Cyber Open XDR platform overcomes these challenges by eliminating the silos and deploying Stellar Cyber's Advanced AI engine for high-fidelity detection and correlation across tools and deployments that dramatically outperforms human scrutiny and intervention.

Challenges

- Enterprises are looking to optimize their existing investments in critical network security, web application security, and email protection solutions in ways that further reduce risk, increase productivity, and accelerate response times
- Enterprises prioritize limited security budgets only for known security vulnerabilities, thereby creating potential blind spots by not adequately addressing new or previously unknown threats
- Most IT organizations have deployed multiple traditional security products and services from multiple vendors — yet they remain vulnerable

Key Benefits

- **Comprehensive:** A single open security platform for 360-degree visibility, high-fidelity detection, and fast remediation across multiple solutions (network firewall, web application firewall, email security, etc.) and in hybrid environments (on-premises, multi-cloud, mobile, edge, etc.)
- **Fast:** Unified visibility across multiple network firewall and web application firewall deployments accessible to a single team via a "single pane of glass" for faster response time and no more "falling through the cracks"
- **Future-proof:** The Stellar Cyber AI-engine delivers advanced analytics, correlation, and the ability to automate response and reporting to keep pace with today's dynamic threat environment

The solution

Stellar Cyber offers a leading intelligent, next-generation security operations platform that provides high-speed, high-fidelity threat detection across the IT infrastructure. The world's first Open XDR platform, Stellar Cyber is an easy-to-use investigation and automated response platform. This solution delivers a 360-degree view of your entire attack surface with readily available, high-fidelity detections delivered through pre-built, tightly integrated capabilities including NDR, CDR, NG SIEM, UEBA, and ATH — all included in a single license.

The Stellar Cyber platform helps eliminate the tool fatigue and data overload often cited by security analysts and enables IT teams to respond in seconds rather than days or weeks.

Barracuda and Stellar Cyber partnership

Stellar Cyber helps turn your Barracuda CloudGen Firewall and Web Application Firewall deployments into a fully integrated security platform that delivers consolidated visibility and analytics across the entire Barracuda solution set. Beyond network and application security integration, Stellar is also integrated with Barracuda's email protection solutions, which will have signals on business email compromise, account takeover, and spear-phishing attacks.

Over time, the web application firewall has evolved into an active security control, offering a full range of capabilities from interrogating endpoints to dynamically strengthening application security. Barracuda Web Application Firewall also employs countermeasures to detect and stop evolving application-layer threats and can integrate behavioral analysis and dynamic code to assess threats more completely.

The Stellar Cyber Open XDR platform can be tightly integrated with an enterprise's Barracuda Web Application Firewall infrastructure to supercharge firewall security analysis. Open XDR uses machine learning to drive detections and built-in playbooks to ensure speedy responses when threats are detected.

Stellar Cyber Open XDR can be tightly integrated with Barracuda Web Application Firewall and CloudGen Firewall solutions to supercharge firewall security analysis.

As we have heard and seen, most sophisticated cyber-attacks start from the email attack surface. By closely integrating with Barracuda's email security solutions, Stellar Cyber Open XDR can deliver actionable alerts along with correlated signals to respond to brand impersonation and zero-day attacks designed for credential theft. We continue to look for deeper integration with the rest of Barracuda's security portfolio to help customers stay ahead of the cybercriminals.
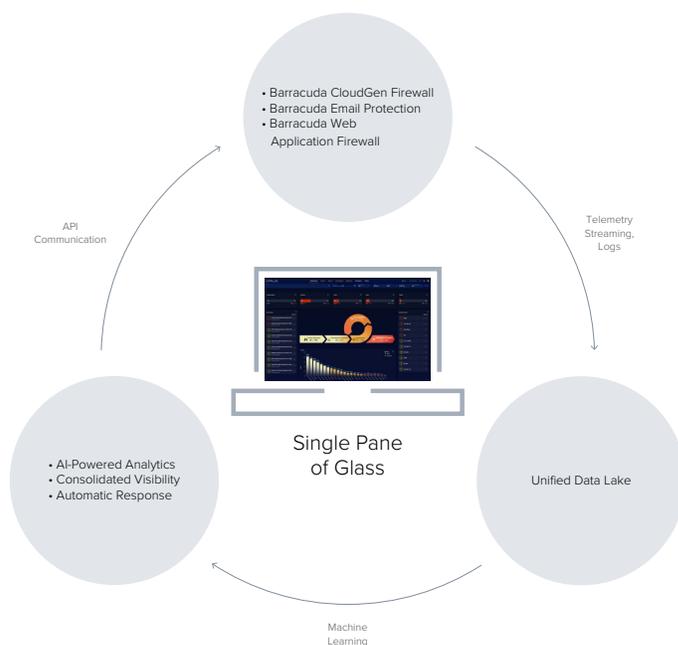
How it works

By being connected to Barracuda CloudGen Firewall and Web Application Firewall solutions, Open XDR provides pervasive visibility and eliminates potential blind spots. The technology captures and correlates all types of data, such as network traffic logs, server commands, processes, applications, user information, files, and more. The solution is full-stack, yet open, extensible, scalable, intelligent, and easy to automate.

The Stellar Cyber solution works by deploying sensors and log forwarders on the network, servers, containers, physical hosts, and virtual hosts. The sensors transform raw data into Interflow records and sends them to a centralized data processor and data lake that deduplicates, correlates, enriches, indexes, and stores the data.

Once data from across the entire deployment is collected in the central data lake, Open XDR uses AI and ML-driven tools to run complex analytics that identify — and remediate — breach events.

All of the Open XDR platform's tightly integrated security capabilities are accessed through a single, easy-to-use interface. By bringing together all security data from networks, endpoints, cloud, and applications into a single platform through sensors, collectors, and log forwarders, Open XDR enables the user to see the entirety of their security infrastructure.

- Barracuda CloudGen Firewall
- Barracuda Email Protection
- Barracuda Web Application Firewall

API Communication

Telemetry Streaming, Logs

Single Pane of Glass

- AI-Powered Analytics
- Consolidated Visibility
- Automatic Response

Unified Data Lake

Machine Learning

Summary

With Barracuda and Stellar Cyber, enterprise users gain 360-degree visibility across their IT operations and can more easily remediate any security vulnerabilities that do arise. Stellar Cyber is the only open security operations platform providing high-speed, high-fidelity threat detection across the entire attack surface, and Barracuda is the industry leader in cloud-enabled, enterprise-grade security solutions. By consolidating visibility and analytics across Barracuda solutions through Stellar, this joint solution delivers best-of-breed protection, 360-degree visibility, high-fidelity detection, and fast remediation throughout global hybrid environments — all easily accessed through a single, intuitive UI.

Barracuda and Stellar Cyber features

- **Collect and centralize the right data:** Collect, normalize, enrich, and store data from all Barracuda solutions in a single centralized data lake
- **Detect the real threats:** Gain immediate visibility into and prioritization of all security vulnerabilities
- **Investigate the critical vulnerabilities:** Ensure the most critical vulnerabilities receive immediate attention, eliminating alert fatigue
- **Respond automatically to threats:** Create ongoing security monitoring with fast, automated remediation any time a threat arises

Barracuda.

Your journey, secured.