# Enhancing and Streamlining Security Management With One Unified Telemetry Pipeline

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## BACKGROUND

Atmosera established its security division to support customers in managing their cybersecurity burden. Introduced to anticipate emerging threats and lead technological innovation, the security division has enabled customers to leverage the full capabilities of modern cybersecurity solutions.

When the division first formed, its focus was on developing a comprehensive suite of powerful, universal and highly efficient tools to **minimize the stack of technologies needed for customer onboarding**.

## THE CHALLENGE

As U.S.-based Atmosera expanded its offering to include Managed Security Services, organizations of all shapes and sizes sought its support for **security monitoring, regulatory compliance, data protection, DevOps-as-a-Service,** and more.

To deliver this, Atmosera needed to collect and forward vast amounts of log data from diverse client endpoints and servers to the core Securonix SIEM efficiently and securely, while maintaining strict regulatory compliance.

It required a **streamlined, standardized solution** that would be simple to deploy across heterogeneous systems and platforms. What's more, given Atmosera's commitment to automation, the ideal solution needed to be effortlessly, centrally managed and leveraged by its DevOps team.

Vendor reliability was also critical. Particularly in the context of Atmosera's professional services. In order to effectively troubleshoot events, it needed **reactive and reliable technical support** to ensure it could meet its customers' SLAs.

Ultimately, Atmosera required a **telemetry solution** that could meet industry-specific compliance demands, with secure log storage that allows for the future analysis and forensic review of specific artefacts and access logs (FIM, file integrity monitoring).

## SOLUTION

Impressed by its prior experience with the free NXLog Platform layer, Atmosera chose the NXLog Platform as the right solution for its needs. Compared with alternatives such as Snare, NXLog offered **broader capabilities, greater flexibility, and a more robust feature set** for the job required.

This strategic partnership, combining NXLog Platform and NXLog Professional Services, empowered Atmosera to implement a **scalable, secure, and efficient telemetry pipeline** that supports its growing portfolio of security services. It also enabled it to interconnect customers with a cloud SIEM managed by Atmosera's security team.

With NXLog, Atmosera can collect, filter, structure and enrich all log data — across endpoints, servers, network devices — then forward it in a consistent format to its Securonix SIEM. Furthermore, this new, **unified telemetry pipeline** supports real-time data inspection and in-flight reduction while maintaining compliance with industry regulations.

The solution provided **robust and reliable telemetry management** with the **best data collection coverage** on the market. And becoming an NXLog MSSP Partner has allowed Atmosera to strengthen its customers' trust, help them optimize their security and compliance efforts, and improve overall satisfaction.

**NXLog Professional Services** also played a vital role in Atmosera's success — given the compliance-driven nature of its offerings. NXLog helped it to implement features such as lightweight File Integrity Monitoring (FIM) and end-to-end data encryption, both of which are critical for protecting sensitive information and meeting regulatory requirements.

## RESULTS

NXLog Platform has become one of the **core solutions** within Atmosera's Managed Detection and Response (MDR) offering, designed to support customers with enhanced continuous security monitoring and compliance checks. The solid technical support provided by NXLog guarantees **swift issue resolution**, which has allowed Atmosera to meet customer SLAs and **maintain operational excellence** across its security services.

By forwarding telemetry data for ongoing threat analysis, the Platform has bolstered Atmosera's SIEM platform with data collection and pre-processing capabilities. And, in addition, the FIM module integrated into NXLog Agent has become **pivotal to the Atmosera Premium Service** – helping customers to achieve regulatory compliance and react rapidly to unexpected data changes.

NXLog Platform provides both easy-to-use configuration management tools, available from a centralized web console, and old-fashioned, plain-text agent configuration. This flexibility helps engineers automate deployments and enable management with popular third-party tools like Ansible. Ultimately, this has **empowered Atmosera's DevOps** teams to embed telemetry pipeline components (agents, collectors) into their regular frameworks and CI/CD pipelines.

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*There hasn't been anything I've wanted to do with NXLog that I couldn't accomplish. Its Professional Services team has always been responsive and consistently delivers effective solutions.*

Byron Anderson,
Security Engineer

*I've worked with many log management solutions in the past, and most relied on proprietary agents that were overly complex and difficult to troubleshoot — something that was critical for us. In contrast, the NXLog Platform provides a user-friendly, manageable telemetry pipeline, powered by a lightweight, flexible and feature-rich agent. It has significantly reduced our troubleshooting time and elevated overall customer satisfaction.*

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For more information about NXLog products and services, visit our website,contact us via the web form, or schedule a meeting.

Start free with the NXLog Platform now!