

Silicon Labs Strengthens Asset Management Security with Sevco

COMPANY: SILICON LABS EMPLOYEES: ~2,000 INDUSTRY: SEMICONDUCTORS

The Challenge: Silicon Labs' IT and security teams have faced several challenges in managing their extensive IT assets and infrastructure. Challenges included managing multiple types of tools and environments, inaccurate and limited data from existing asset management solutions, and inefficient processes for commissioning and decommissioning assets. To address these issues, Silicon Labs undertook several project-level efforts but fell short of their goals.

The Solution: Silicon Labs purchased and deployed Sevco Security's asset intelligence and vulnerability prioritization platform to improve their operations. Sevco's SaaS-based approach had a quick and efficient implementation time, granting Silicon Labs reliable real-time data and comprehensive visibility into devices, users, software, vulnerabilities, and controls. Alongside improving data reliability and accuracy, working with Sevco also reduced costs for Silicon Labs by eliminating the need for expensive consultants and ongoing customizations.

The Result: By utilizing Sevco's comprehensive asset intelligence solution, Silicon Labs enhanced its operational accountability and reporting. More accurate data, automated remediation and validation, and prioritization of all vulnerabilities in the environment have helped Silicon Labs' security asset management teams quickly resolve system issues and incidents.

Silicon Labs is a leader in IoT wireless connectivity. With its integrated hardware and software platform, intuitive development tools, and unmatched ecosystem support, Silicon Labs is prepared to be a long-term partner in building advanced industrial, commercial, and home and life applications.

However, like many companies, the complexity of Silicon Labs' extensive IT infrastructure has grown over time. Silicon Labs' diverse array of tools and hardware—as well as over 1,800 employees and 10,000 assets—has made securing its IT assets and environment a critical but challenging operation.

In-House Projects Fall Short of Asset Management Solutions

Silicon Labs undertook several efforts to implement ServiceNow's Hardware Asset Management solution and gain a better picture of its environment, the state of its IT and security tools, and a view of its assets and owners. However, due to the team's limited expertise at that moment, Silicon Labs brought in third-party consultants to build and integrate a variety of customizations in ServiceNow. Two primary projects addressed the lack of end-to-end asset management processes, focusing on different areas of the lifecycle. Both projects provided additional capabilities for the management of IT assets, but they did not meet the core goal of end-to-end asset management.

The first project engaged a foreign-based third-party team to build a comprehensive inventory database for hardware and infrastructure components in ServiceNow. The objective was to identify and track ownership of all physical assets on the network, excluding virtual machines, software, and cloud instances. The third-party team built ServiceNow integrations with their vulnerability management, Endpoint Detection and Response (EDR), and directory service tools. However, these feeds were expensive to run, and creating the required customization was complex. Despite the project's success at preparing ServiceNow for integrating asset management data, it fell short of providing a comprehensive solution for asset management.

A decorative background image showing a world map with a network of red lines and dots overlaid, representing global connectivity and data flow.

A US-based consulting team with in-depth ServiceNow experience supported the second project by making appropriate system changes while Silicon Labs developed the supporting asset management processes. This project required enabling and configuring various connections to ServiceNow for data to flow properly from each supporting system—a time-consuming and expensive process as there are costs and specific configuration requirements for each integration. At the end of the project, Silicon Labs met its integration and configuration goals. However, due to the complexity of Silicon Labs' environments, asset identification and ownership tracking were limited to IT assets rather than every asset company-wide.

After over a year, Silicon Labs had made progress toward system configuration to support asset management but was still short of its goal of managing all hardware assets on the network. The two projects cost Silicon Labs time as well as configuration and implementation costs but did not address how to identify and own data for all physical assets on the network.

Sevco's Security Enables Operational Efficiency

Silicon Labs' engagement with Sevco began with an initial evaluation and then a seamless integration of its various tools via API, completed within a few days at no additional cost. Data started flowing into the Sevco platform immediately, and the Silicon Labs team developed dashboards to identify areas with high-risk or missing security agents and tools.

Sevco provides more accurate and up-to-date data on the assets in Silicon Labs' IT environment that enhances decision-making, while custom dashboards and automated reporting reduce the need for manual effort required to locate issues, so IT risks are easier and faster to remediate. With the rollout of Sevco's Exposure Management capabilities, the Silicon Labs team can prioritize the issues with the greatest risk for action, automate remediation, and validate successful remediation on the asset, not just when a ticket is closed.

Another benefit of Sevco is the ability to push data directly into ServiceNow, improving accuracy. Silicon Labs is planning to reduce direct integrations with ServiceNow in favor of a single integration from Sevco to ServiceNow, further reducing costs and eliminating the need to run compute-heavy customizations within the ServiceNow platform.

By implementing Sevco, Silicon Lab now has a secure asset management solution that months of development and implementation by third-party consultants were unable to provide.

Looking Forward

Silicon Labs transitioned from costly in-house customized solutions that failed to meet their asset management objectives of identification and ownership information for all assets on the network to significant improvements with Sevco's solution. By leveraging Sevco, Silicon Labs gained reliable and accurate data on its assets, their owners, and gaps in its security coverage, streamlined its processes, and reduced costs. Ultimately, this partnership has enhanced Silicon Labs' operational efficiency and is driving better security outcomes for the company.

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About Sevco Security

Sevco is the asset intelligence company that delivers enterprise-wide visibility and prioritization across all classes of vulnerabilities. Built upon the industry's most accurate, real-time inventory of an organization's devices, users, software, and controls, Sevco enables CISOs and security teams to fully understand the risk and business impact of unaddressed vulnerabilities for more informed prioritization. Sevco automates and validates remediation, tracking metrics to close the loop between issue identification and remediation to drive more proactive security. Sevco was founded in 2020 and is based in Austin, TX. For more information, visit <https://sevcosecurity.com> or follow us on [LinkedIn](#).