SD Elements Embeds Security and Accelerates Software Delivery

Redefining secure development practices through collaboration and customization.

INDUSTRY
Technology

LOCATION
U.S.

ROLE
Product Security Strategist

SD ELEMENTS

Our client is one of the largest organizations by revenue in the U.S. and has transformed the personal computing space. Since its inception, this company has fostered the growth of the computer industry.

Challenge

While our client's expansive product offerings dominated the computing industry, their product security team struggled to manage the rising number of compliance and security requirements. With development scaling rapidly, software teams grew substantially without establishing a security framework.

To embed security into development, our client adopted a tool that allowed developers to input their project details for associated security tasks. Although this solution supported the security team's need to align with developers on security and compliance requirements, developers struggled with the solution as it did not integrate with their issue tracking system. It was viewed as a disjointed solution for injecting security measures to software and firmware builds.

To help ensure that hardware and software compliance requirements were being met, product security experts led task discussions and consulted developers throughout the process. Although this was an essential support to the SDLC, it proved to be a very manual process that didn't fully address all compliance risks.

> "Security Compass is a critical partner in making our software secure."
>
> — Senior Director, Product Security

With their new process not well-established, and with tensions rising between the development and product security teams, our client embarked on the search for a solution that wouldn't slow down the development process, but could scale security measures across the organization.

Solution

After reviewing several solutions, our client decided that SD Elements' capabilities closely aligned with their risk management goals. Our solution met the integration needs of their developers and offered the customization features required by their product security team. Using the custom API feature, they connected our solution with a number of mission-critical systems within their environment. This capability was, and continues to be, instrumental in shaping the organization's development process and streamlining their security measures.

With SD Elements in place, developers can review explicit instructions on the steps needed to build secure code from the onset. Here's how SD Elements continues to support the organization's SDLC:

Security culture: Self-guided, role-based course assignments created a tailored curriculum that matched each employee's specific deliverable, learning needs, and improved their security awareness.

Aligns security with development: By systematically identifying security risks and assigning appropriate tasks during the development process, our solution ensures faster software delivery.

Customization capabilities: As the needs of our client evolves, they continue to customize the risk assessment survey to reflect the changing nature of their business.

Ease of integration: The issue tracking system integration capabilities has become essential to the developers' input process; assigned tasks are clear and directly associated with their projects.

With SD Elements at the core of their software and firmware deployment, our client has transformed their application development process and built a security culture across the organization. They plan to continue to lead the industry in secure development practices.

For more information on SD Elements, visit us at
https://www.securitycompass.com/sdelements

HIGHLIGHTS

▶ Enhanced Security Awareness

▶ Move toward Security by Design

▶ Fast and Secure Development

▶ Better resource utilization

Security Compass enables organizations to proactively manage cybersecurity risk without slowing down their business through balanced development automation.

SecurityCompass

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