

# Fortune 500 Global Manufacturing Leader Chooses Security Compass to Secure Products & Applications by Design

Results: An Application Security Training-educated workforce with embedded Security Champions and an organization empowered with SD Elements.

## COMPANY

Fortune 500 Global  
Manufacturing Leader

## LOCATION

U.S.A

## PERSON AND ROLE

**Sr. Cyber Security Manager**  
Training Program Manager,  
25+ year Veteran of Security  
and Software Development



Security Compass  
espouses what is  
important to our  
organization as far as  
privacy and security  
by design.

**Sr. Cyber  
Security Manager**  
Training Program Manager

## Summary

### Challenge

A Global Manufacturing Leader develops products and applications that must meet rigorous security standards for distribution to end consumers, governments, and large enterprises across multiple jurisdictions.

With requirements for security training for software engineers and their wider development organization including compliance to various security frameworks, this organization needed comprehensive application security training. Their maturing security posture also exposed the need to scale repeatable and automated secure development processes to empower their global workforce of 100,000+ employees.

### Solution

After evaluating five vendors, the organization selected Security Compass's Application Security Training for its **depth and breadth of content** and for the **flexibility of importing the content** into the organization's internal Learning Management System. Complementing the organization's rich internal learning and development culture, it **effectively extended its training team** by leveraging Security Compass' in-house team of security experts. This meant the organization would be able to **access regularly maintained and verified security content**. In doing so, the organization eased the burden on their training team by outsourcing the upkeep of security content to Security Compass' Content and Research teams, ensuring the **availability of reliable and trusted content that keeps up with the evolving global security landscape**.

With the need to train various roles on security, the comprehensive curriculum from Security Compass allowed them to absorb an expanding security training catalog and enabled them to **educate different groups of learners with role-specific content**, critical to achieving secure product and application development. Beyond their developers being trained in security, they also needed the rest of their team to be security-aware to be able to **share the responsibility for secure development and delivery across their entire organization**.

Organization-wide goals needed **embedded leaders and advocates in order to bear the security culture well**. The training team leveraged the Security Compass training curriculum, in addition to in-house training content to create novice, intermediary and expert level training tiers in the program. Learners are assigned role and experience level learning paths that align with Executive department and division training targets. The status of the training goals are published to a corporate wide dashboard for transparency and accountability.

Having leveled up, the security leaders saw the requirement for **empowering their team with tools beyond training to achieve their security objectives**. This created the opportunity for the team to evaluate SD Elements, a platform for developer-centric threat modeling and secure compliant software by design. Beyond being able to **extend the capabilities of their security team for identifying security requirements**, SD Elements also **delivered contextual training right into JIRA stories** allowing their developers to get the secure development support they need when they need it.

## How has working with Security Compass helped them achieve their security objectives?

### Meeting and exceeding targets for security-educated talent

The organization sets an internal metric for the number of employees that are security-educated in order to satisfy their security goals. They have consistently met and have at times exceeded their target. The Security Team last reported an **achievement of 200% of their annual target of security-trained employees, ensuring they have a deep bench of security-conscious developers**.

### Engaging employees with education & industry-recognized skills development

Pushing past the limiting belief that sponsoring industry-recognized certification would leave them with employees who would take their (ISC)2-accredited Software Security Practitioner Suite (SSPs) certifications and leave, this organization has not held back from allowing their employees to upskill with the SSPs as an extension of their full training curriculum. **Within 2 years of offering their team SSPs, they had grown user certification by 1135% from their first cohort of certifications.** “We enjoy very low employee turnover, rehire rates that we are proud of and most importantly **we have a very engaged team that knows we won’t hold back skills development. Certification is an incentive for them to continue their security training,**” shares the organization’s Training Program Manager.

## Standardizing requirements and processes

With a global workforce of over 100,000 employees, across multiple jurisdictions, and satisfying various industry standards for their product delivery, **deploying Application Security Training and using SD Elements allowed the organization to have a common base of security knowledge, as well as require and control security requirements to ensure security and privacy by default for their product end users.** Requirements are baselined and tested to assure teams on processes, and end to end traceability allows them to provide assurances and attestations to their customers as well as their customers' customers. The Sr. Cyber Security Manager remarks, **"With less chance of variability across the different lines of business when it comes to security, we've been able to standardize our requirements and processes."**

## Satisfying 100% of Assessment Controls

As a result of using Security Compass' Application Security Training, this customer has been able to give attestations for a leading industry-standard assessment of how their employees are trained in security. In providing their evidence, in a process similar to that of OWASP SAMM, OpenSAMM and BSIMM, **they achieved compliance with 100% of Training Controls** in this comparable industry-standard Security Maturity Framework Assessment.

## Key Business Impact

This global manufacturing leader has been able to advance their organization's security objectives and vision. "We're on a path to achieve our vision of automating our security processes end-to-end with Application Security Training, embedded Security Champions and secure development enabled by SD Elements," concludes their Sr. Cyber Security Manager. "Our customers and their product users can be assured that what we deliver is secure and private by default because we practice security by design."



**We're on a path to achieve our vision of automating our security processes end to end with Application Security Training, embedded Security Champions and secure development enabled by SD Elements.**

**Sr. Cyber  
Security Manager**

Training Program  
Manager

Learn more at [securitycompass.com/application-security-training](https://securitycompass.com/application-security-training)