

Operationalizing Cybersecurity Strategy Through Scalable, Role-Based Training

OVERVIEW

A global container shipping and logistics company serving millions of customers across industries sought to elevate cybersecurity awareness and secure development practices across its diverse, international IT teams. Facing an increase in software vulnerabilities, escalating remediation costs and regulatory requirements, the company partnered with CMD+CTRL to deliver an effective, engaging, and scalable training program tailored to the needs of its technical teams.

THE CHALLENGE

A Strategic Shift Toward Security-First Development

To position cybersecurity as a strategic priority, the organization aimed to build a complete security learning framework that would meet the needs of all IT employees—developers, testers, architects, and security champions alike.

This required replacing fragmented practices with a centralized program to:

- ▶ **Upskill developers and internal experts** through hands-on, practical learning
- ▶ **Reduce software vulnerabilities** through earlier detection and secure coding practices
- ▶ **Foster a security-aware culture** across development teams in APAC and EMEA
- ▶ **Meet compliance mandates** with measurable, ongoing training efforts

While some foundational tools, such as peer reviews, static code analysis, and software composition analysis, were in place, there was no comprehensive training program to empower teams to interpret findings or prevent vulnerabilities proactively.

Key pain points included:

- ▶ **A growing number of software vulnerabilities**
- ▶ **Rework and remediation costs from late-stage security issues**
- ▶ **Inconsistent engagement with security training**
- ▶ **Pressure to align with compliance requirements**

WHY CMD+CTRL?

The organization selected CMD+CTRL for its ability to meet the varied training needs of a distributed, diverse development team. The platform's structure, breadth of content, and engaging format aligned closely with compliance objectives and organizational learning goals.

“CMD+CTRL provided the best coverage of our internal IT roles. The training strikes a strong balance between theory and hands-on, gamified simulations. It’s structured, practical, and the cyber ranges have been especially effective at engaging our developer community.”

THE SOLUTION

A Hands-On, Role-Based Program for a Global Workforce

The company selected CMD+CTRL's immersive training solution after evaluating multiple vendors, including Secure Code Warrior and Security Journey. CMD+CTRL stood out for its comprehensive coverage of IT roles, effective balance of theory and practice, and ability to foster meaningful engagement through gamified learning experiences.

The rollout included:

- ✓ **Quarterly Cyber Range Events:** Security competitions became a cornerstone of the program, with events drawing up to 100 developers and security champions across Europe and Asia. These events helped increase program visibility, create internal buzz, and build community.
- ✓ **Role-Based Learning Paths:** To drive security awareness, structured learning journeys were launched for developers with plans to expand training across the broader SDLC.
- ✓ **Scalable, Systematic Training:** CMD+CTRL combined foundational concepts tailored to specific roles with real-world simulations, to create an engaging learning experience.

OUTCOMES & RESULTS

Strong Early Engagement, with Broader Adoption Ahead

The cyber range events proved to be a critical success factor, with regular participation from engaged developers and repeat attendance at each quarterly event.

Following this early success the organization will launch a mandatory software security training program to drive broad adoption and ensure alignment with compliance and skill development objectives.

Key results to date:

- ✓ **High developer engagement** in cyber ranges globally
- ✓ **Increased visibility and enthusiasm** around secure coding practices
- ✓ **Validated learning framework** ready to support long-term, company-wide scale

CONCLUSION

Through its partnership with CMD+CTRL, this global enterprise has taken decisive steps to build a structured, engaging and scalable cybersecurity training program. With strong momentum from early adopters and clear plans for mandatory participation, the company is well-positioned to embed secure development practices across its entire software lifecycle, empowering teams to build with security from the start.

ABOUT CMD+CTRL SECURITY

CMD+CTRL Security is a pioneer in software security training. For over two decades, organizations of all sizes, from mid-sized to Global 100 companies, have relied on our training solutions to transform their software security. Our role-based modules, skill labs, and hands-on cyber ranges are designed to build skills that stick. Visit cmdntrlsecurity.com to learn how we can help you launch a best-in-class training program.

