

# Elevating Secure Development at Scale in a Regulated Industry

## OVERVIEW

A global gaming and gambling industry leader sought to reduce security vulnerabilities, meet rigorous compliance demands, and close critical skill gaps across its development teams. Facing rising threats and an evolving regulatory landscape, the company turned to CMD+CTRL's hands-on training platform to embed security into the software development lifecycle and build a stronger security-first culture.

## THE CHALLENGE

### High Stakes, High Exposure

Operating in a tightly regulated sector with high-value digital assets, the organization faced intense pressure from adversaries and auditors. Threats ranged from DDoS and phishing attacks to web and mobile application exploits, all against growing compliance requirements.

Key challenges included:

- ▶ **Security Skill Gaps:** Development teams lacked the technical training to identify and fix vulnerabilities early in the SDLC.
- ▶ **Ineffective Traditional Training:** Prior programs relied on passive, slide-based formats that didn't translate to practical application.
- ▶ **Compliance & Regulatory Pressure:** Frameworks like PCI-DSS and GLI require demonstrable security training and audit readiness.
- ▶ **Limited DevSecOps Readiness:** Without hands-on learning, efforts to shift security left stalled.
- ▶ **Fragmented Security Culture:** Security champions existed, but support and structure for scaling awareness and expertise were missing.

## DESIRED OUTCOMES

To address these challenges, the organization aimed to:

- ✓ **Build a Security-First Culture** across Dev, QA, and DevOps teams
- ✓ **Reduce Application Vulnerabilities** and remediation cycles.
- ✓ **Meet Compliance Requirements** with audit-ready training
- ✓ **Enable Secure Cloud Development**
- ✓ **Upskill Developers** with practical, engaging, role-specific learning
- ✓ **Drive Continuous Improvement** across the SDLC

# THE SOLUTION

## A Hands-On, Scalable Training Platform

CMD+CTRL's cyber ranges, skill labs, and assessments were rolled out in a phased deployment aligned to business goals and technical readiness.

The solution addressed core challenges with:

- ✓ **Realistic, Interactive Training:** Simulated applications with real vulnerabilities, bridged the gap between theory and action
- ✓ **Role-Based Learning Paths:** Training tailored to role and skill level helped engage developers, QA, and DevOps teams
- ✓ **Integrated DevSecOps Support:** Embedding training in the development lifecycle reinforced security from design through deployment
- ✓ **Audit-Ready Reporting:** Progress tracking and metrics supported regulatory compliance and internal performance benchmarks
- ✓ **Scalable Adoption:** More than 850 developers participated in the program, with training integrated into existing systems like Workday

## WHY CMD+CTRL?

Beyond technical capabilities, CMD+CTRL demonstrated strong partnership through responsive support, transparency and collaboration, serving as a committed ally.

## OUTCOMES & RESULTS

### Cultural and Operational Impact

With all technical staff trained and onboarded by year-end, the company achieved its initial goals and laid the groundwork for long-term transformation. Key outcomes included:

- ✓ **Reduction in Vulnerabilities:** Fewer recurring issues thanks to earlier detection and better secure coding practices
- ✓ **Stronger SLA Adherence:** Risk to critical SLAs was mitigated by improved developer security acumen
- ✓ **Ongoing Momentum:** With training completed across all teams, the company is preparing to expand the program even further
- ✓ **Increased Engagement:** Developers reported higher satisfaction and active participation throughout the phased rollout

## CONCLUSION

CMD+CTRL helped this global gaming enterprise close skill gaps, reduce vulnerabilities, and measurably strengthen its security posture. With immersive, role-based training and a partnership-driven approach, the company is advancing secure development worldwide—transforming compliance into confidence.

### 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](https://cmdntrlsecurity.com) to learn how we can help you launch a best-in-class training program.

