How Orvis Built a Security-First Culture with CMD+CTRL Cyber Ranges

THE CHALLENGE

The new CISO of Orvis, the oldest mail-order retailer in the United States, needed to deliver software security training to his development team to meet PCI-DSS compliance requirements.

ORVIS®

Having previously partnered with CMD+CTRL to execute a highly successful training strategy with another leading outdoor clothing retailer, he once again turned to CMD+CTRL to help replicate this success with his new team at Orvis.

This case study highlights how the Orvis team adopted a training approach that incorporated realistic gamified environments to meet compliance requirements and drive a security-first culture.

THE NEED TO MIX THINGS UP

PCI-DSS requires development teams managing payment ecosystems to complete annual security awareness training. Historically Orvis relied on mandatory video training followed by tests to demonstrate completion. While this system checked the compliance box, it didn't engage development teams in ways that helped them build teamwork or innovate.

CMD+CTRL suggested a cyber range event: an instructor-led "capture the flag" tournament where each player "attacks" their own live, vulnerable web application. The cyber ranges offer gamified challenges in realistic scenarios to help learners understand software security flaws in a hands-on setting. This option seemed much more engaging than their traditional training, so Orvis chose it as a fresh approach to meeting PCI DSS training requirements.

NEEDLE-MOVER RESULTS

Orvis hoped for enthusiastic participation, but program results exceeded expectations:

General Excitement & Passion

The challenges were so fun, the team couldn't wait for the next training. With CMD+CTRL, Orvis transformed training from a burden to a popular program with teams requesting extra sessions to accommodate more participants.

Increased Collaboration

During CMD+CTRL events, players shared ideas, techniques, and solutions with each other. Junior developers were able to learn from senior members. This level of collaboration would never have been possible with their previous training approach.

Groomed Security Champions

An unexpected benefit of the cyber range event was the development of security champions who continued to enhance their security knowledge, eventually mastering topics to the point of leading future events and mentoring colleagues.

CYBER RANGE TOURNAMENTS

Designed to help cross-functional teams, including application developers, security engineers, and QA engineers build more resilient software, CMD+CTRL cyber range environments present an array of vulnerabilities that challenge learners and provide insight into how connected software functions and fails. Whether part of a comprehensive software security training program or as a stand-alone event, cyber ranges help build skills that stick.

EDUCATIONAL

OWASP Top 10/SANS CWE Top 25 +, built-in defenses, API, cloud vulnerabilities, and more means a challenge at every skill level

ENGAGING

A live scoreboard, hints, Easter eggs, social media integration and other instant gratification elements provide an engaging learning environment

EASY TO START

The industry's only turnkey SaaS cyber range - requiring only a browser and internet to play - nothing to install or maintain

CMD+CTRL cyber ranges take engagement to a new level with unrivalled authenticity. Contact us today to learn how we've helped businesses just like yours eliminate skills gaps and mitigate risk with our exciting hands-on learning environments. Visit cmdnctrlsecurity.com/cyberrange to learn more.

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 cmdnctrlsecurity.com to learn how we can help you launch a best-in-class training program.

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