

The Case for Prioritizing AppSec Training

Breach-enomics

One breach can undo years of brand trust

\$9.36M

Average cost of data breach in 2024 (U.S.)

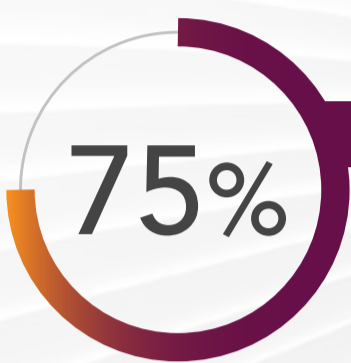
\$4.81M

Cost of web application attack per incident

60%

% of SMBs that close within 6 months of a cyber attack

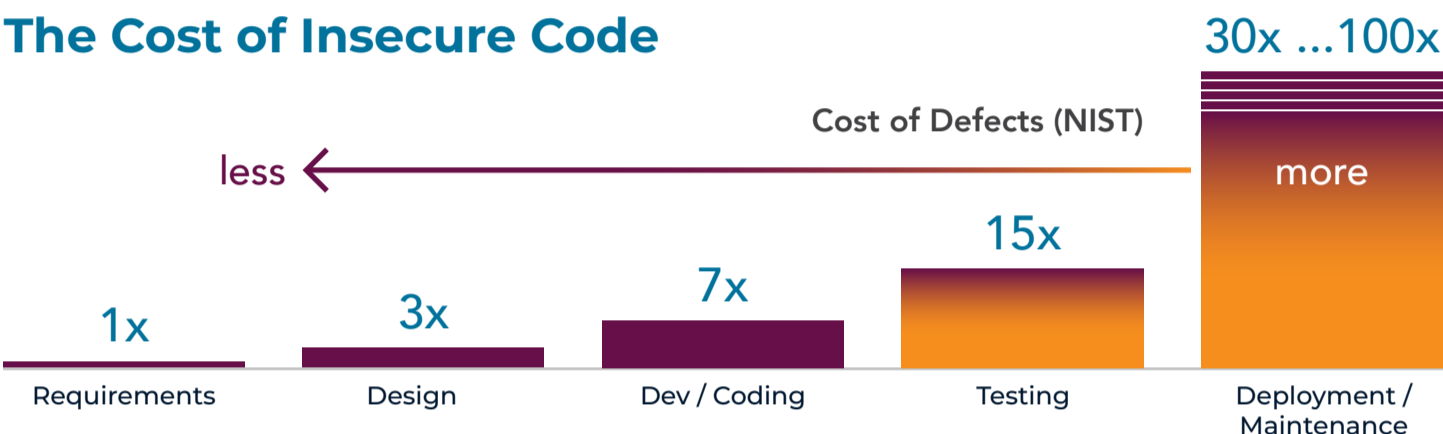
Why AppSec Training Matters



of security vulnerabilities originate in the codebase

- > Code is the foundation of software security
- > Codebases contain high-risk open-source vulnerabilities
- > Developers are the first — and best — line of defense

The Cost of Insecure Code



SECURITY BUGS COST MORE THE LATER THEY ARE FOUND*

\$500

Dev/Coding Stage

\$1,500

Testing Stage

\$10,000+

Production

FIX EARLY, SAVE EXPONENTIALLY

Reasons to Invest in Software Security Training

Top Reasons given by CSOs for deploying software security training



Risk Reduction



Regulatory Compliance



Cost Efficiency



Enable DevSecOps & Secure SDLC



Third-Party Risk Management



Security Culture & Awareness

ROI of AppSec Training

You can't afford to *NOT* invest in training.

ORGANIZATIONS WITH CONTINUOUS SECURE CODING TRAINING:

reduced overall security flaws in code by
70%

prevented over
90% of vulnerabilities
from reaching production

improved
Time-to-Market
for applications

What you can do

- ✓ Compile a list of who should get trained now and next
- ✓ Assess needs for high-profile and high-risk initiatives
- ✓ Identify relevant platforms, programming languages and frameworks
- ✓ Document key compliance and policy requirements
- ✓ Establish training goals based on real-world risks
- ✓ Contact an experienced training partner who can help you put your plan into action

Get started today. Download our guide

[Four Steps to Deploying an AppSec Training Program.](#)

SOURCES:

IBM's 2024 Cost of a Data Breach Report
The Economic Impacts of Inadequate Infrastructure for Software Testing - National Institute of Standards and Technology
Gartner Top Trends in Cybersecurity for 2025
CMD+CTRL Enhancing Cybersecurity: The Critical Role of Software Security Training
*Estimated dollar cost per vulnerability based on historical averages and industry data from IBM and NIST

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.