Insecurity in Information Technology

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HOW DO I IMPLEMENT THIS SECURITY CONTROL?

YOU SHOULD KNOW!
THE DEVELOPERS DIDN'T IMPLEMENT ANY SECURITY FIXES

THEY SAID THEY'LL FIX THEM IN THE NEXT RELEASE.
DEVELOPER

AFTER THE SECURITY REPORT
All of this creates the feeling of insecurity about people’s jobs and how to do them well.

This leads to predictably negative behaviour.
Deviant Behaviour
Moral Disengagement
Reduced Job Involvement
Risk Taking Behaviour
Reduction of Organizational Citizenship Behavior
(positive workplace activity and involvement)
All of this negative behavior leads to insecure software.
IT'S TIME FOR SOLUTIONS!
The Plan:

1. Support dev and sec team with processes, training, and resources so they can confidently get the job done.
2. Initiate and then maintain culture change.
The Plan:

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YOU DON'T HAVE AN APPSEC TEAM?
YOU WANT TO "MATRIX" ME INTO THE PROJECT TEAM?
Start Security Earlier!

Requirements → Design → Code → Testing → Release

Push Left!
Break security testing into smaller pieces
I DON'T ALWAYS VALIDATE MY VA RESULTS

BUT WHEN I DO, I DO IT IN PRODUCTION
TRAINING!
YOU DON'T HAVE TO KNOW EVERYTHING
SECURITY LESSONS FOR EVERYONE!
Job Shadowing
WEB APP SECURITY STANDARDS!
Give Developers Security Tools!
UHHH, WHO'S PAYING?
OWASP: Your new BFF!!!

The Open Web Application Security Project
NO MORE BLAMING
BE A TRUE LEADER
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IT HAS TO START SOMEWHERE.

WHY NOT WITH YOU?
ANY QUESTIONS?

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