

## The Blockchain Effect.

How will it improve business operations?  
What are the risk implications?  
How do we implement securely?



## Smart Contract Capture the Flag (CTF)

This free educational tool is a Decentralized App (DApp) containing a series of vulnerable smart contracts with real-life use cases, ranging from decentralized trust funds and open source lottery systems, to ICOs and automated royalty agreements. Each contains a vulnerability commonly found in smart contracts and participants are challenged to exploit them to steal fake testnet ETH and earn points.

## Tech Exec Workshop

This ½-day session is aimed at technical executives (CTOs, CIOs, Product Managers, Architects) who are considering blockchain for a specific business application. Our research and testing experience assessing blockchain implementations can help you design the right system and avoid common pitfalls. We can validate assumptions and make actionable recommendations to mitigate risk for the functionality you desire.

## Technical Training

This two-day course examines methodologies used when developing smart contracts for Blockchain enabled Decentralized Applications (DApps.) Focus is given to the Ethereum Blockchain and the Solidity development language. Hands-on labs leverage a “capture the flag” platform for practical simulation and testing. After the course, your teams will be able to:

- Understand the benefits and risks of blockchain
- Use DApps built on Ethereum and Web3
- Build and hack a Solidity smart contract

## Technical Assessments

Smart Contract Code Review  
Integration Testing  
Blockchain Design and Code Review

We can help your organization produce secure and more robust products whether you are creating a DApp, a custom Blockchain implementation, or are integrating a product or service with Blockchain. Based on our experience with web 2.0 software security, we offer a unique perspective that coincides with our deep understanding of crypto-economic threats and can help your organization identify threats early and often to best protect your customers and assets.

Learn more:

<https://www.securityinnovation.com/training/application-security/blockchain-solution>

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