Phil Venables

Former Google Chief Information Security Officer, Cyber Security, AI, and Technology Risk Expert

From Artisanal to Industrial: Scaling Cybersecurity for Resilience at Speed Phil Venables explores why the core challenge in cybersecurity isn't a lack of knowledge, but a lack of scalability. In this talk, he pulls from real-world stories and decades of leadership experience, explaining how organizations can move from handcrafted, expert-dependent security to scalable, automated, and resilient systems. Attendees will learn how leading organizations are implementing industrial practices, using leading indicators, cold restart testing, and chaos engineering to future-proof their digital environments. This talk delivers clear strategies for building secure systems that recover and evolve quickly. Phil equips leaders with a framework to scale cybersecurity with precision, speed, and resilience.

AI as Defense: Harnessing Artificial Intelligence to Outpace Cyber Threats Phil Venables reveals how AI is transforming the security landscape as both a defense tool and threat factor. Through his decades long career at top companies, he explains how AI is being used to identify vulnerabilities, reverse-engineer malware, and exponentially increase the productivity of security teams. Phil also explores the dual imperative of protecting AI systems while leveraging them to create digital immune systems that learn and respond in real time. Attendees will gain a strategic understanding of how to integrate AI into their security operations, turning today's biggest technological disruption into tomorrow's greatest security advantage.