Cybersecurity at MIT Sloan brings together thought leaders from industry, academia and government with MIT faculty, researchers and students to address strategy, management, governance and organization of cybersecurity of critical infrastructure using an interdisciplinary approach.

Answering the Question: "How Secure Are We?"

There are no widely accepted approaches to cybersecurity measurement, and most security teams have not developed processes for monitoring security. Using focus groups and workshop interviews, researchers at CAMS have developed a scorecard of cybersecurity measures, which can be used to assess the cyber risk your company is undertaking. It includes four major balanced components: *Technology security* includes measures like end point vulnerability, firewall statistics, and failed or suspicious login attempts. *Organizational Security* refers to measures of action and workplace culture, like phishing exercises, statistics on training programs, and management involvement. *Supply chain security* are measures of how secure our partners and vendors are. *Risk management* includes identifying your crown jewels, vulnerabilities, and threats, as well as insurance and recovery plans to mitigate, transfer or absorb potential loss.

Professionals in many industries and roles find themselves being asked, "How secure are we?" Answering this question is no simple task.

A Balanced Scorecard for Cybersecurity Management

IMPACT: This project will identify the best available cybersecurity metrics in four key areas, and demonstrate how that information can best be packaged and presented to different entities, from the c-level, to the security team, to the stockholders.

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