

Bill Weber

South Bend, Indiana | +1 571 833 3000 | bill@cyberfoundry.io | linkedin.com/in/billrweber

Chief Information Security Officer | Virtual CISO

Board Advisory | Cybersecurity Transformation | Regulated and Mission-Critical Enterprises

Board-facing cybersecurity executive with 35+ years of experience spanning defense, government research, higher education, healthcare, financial services, and private-equity-backed businesses. Called into organizations facing scrutiny, transition, or acute risk to stabilize operations, establish credible governance, and connect cybersecurity decisions to contracts, revenue, enterprise value, and mission delivery. Combines executive judgment with deep experience in security operations, architecture, GRC, incident command, cloud, and emerging technology.

Executive Leadership

- Board, CEO, ownership, and senior-executive advisory
- Enterprise cybersecurity strategy and operating models
- Cybersecurity program stabilization and transformation
- Governance, risk, and compliance leadership
- Incident command and operational resilience
- Security operations, architecture, and engineering
- Regulatory, federal, and audit readiness
- Private-equity, acquisition, and contract risk
- Research, healthcare, and international environments
- Cloud, hybrid infrastructure, and AI governance
- Team building, organizational design, and executive reporting

Professional Experience

Cyber Foundry, Inc.

Founder (President) / Chief Information Security Officer | 2017-Present

Founded and operate a boutique consultancy providing virtual, fractional, interim, and embedded cybersecurity leadership to defense, research, healthcare, financial, public-sector, private-equity, and commercial organizations. Some engagements have developed into separate W-2 executive appointments.

- Serve as a virtual CISO to organizations requiring executive leadership, board reporting, risk assessment, audit preparation, control design, and long-term security strategy.
- Stabilize and rebuild cybersecurity programs during incidents, regulatory pressure, leadership transition, and organizational change.
- Translate cyber risk among boards, owners, regulators, executives, and technical teams to support defensible investment and operational decisions.
- Lead post-incident root-cause investigations, recovery planning, and resilience improvements.
- Help small and midsize organizations modernize securely, adopt cloud services, and align controls with business realities.
- Advise private-equity stakeholders and portfolio businesses on cybersecurity posture, governance, and enterprise risk.

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Ultra Maritime

Chief Information Security Officer | 2024-2025

Led cybersecurity for a private-equity-backed international defense organization during business transformation and imminent federal assessment pressure.

- Built the organization's first comprehensive cybersecurity strategy and roadmap aligned with Department of Defense, DFARS, and CMMC expectations.
- Established security operations, architecture and engineering, and governance, risk, and compliance capabilities.
- Created board-ready reporting that connected cybersecurity posture with revenue, contract, acquisition, and operational risk.
- Led a successful DIBCAC assessment under compressed timelines and built a sustainable program designed to endure beyond assessment.
- Partnered with legal, compliance, engineering, operations, and product teams to embed security across the enterprise.
- Served as incident commander during active risk events while maintaining operational stability.

Penn State University Applied Research Laboratory

Chief Information Security Officer | 2023

- Directed enterprise cybersecurity initiatives for a federally aligned applied-research organization.
- Assessed security architecture, strengthened governance, and implemented compliance strategies aligned with federal requirements.
- Advised senior leadership on mission risk, remediation priorities, and program improvement.

New York University

Director, Detection, Response, and Forensics / Deputy CISO | 2021

- Led global detection, response, forensics, and security-operations capabilities supporting 13 international sites.
- Rebuilt SOC capabilities by rearchitecting Splunk SIEM and implementing Palo Alto Cortex SOAR.
- Deployed Cortex XDR across 13 countries and advanced microsegmentation and zero-trust network access.
- Prepared the organization for IT outsourcing through standardized procedures, contract negotiation, and risk assessment.
- Developed incident-response procedures, led response activities, and trained institutional leadership.

MIT Lincoln Laboratory

Cyber Security Sector Manager / Chief Information Security Officer | 2018-2020

Led cybersecurity in classified and unclassified environments for a Department of Defense-sponsored federally funded research and development center.

- Managed a cybersecurity budget exceeding \$10 million and a team of more than 30 employees.
- Led cybersecurity strategy, governance, security operations, vulnerability management, and performance measurement.
- Aligned cybersecurity with research operations, federal oversight, and national-security mission requirements.

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- Consolidated overlapping SOC capabilities, normalized operating procedures, and automated workflows through SOAR.
- Built trusted relationships with researchers, program leaders, engineers, and senior executives.

eSentire

Principal Security Strategist / Virtual CISO | 2016-2018

- Conducted enterprise risk assessments, business-impact analyses, and remediation planning for clients.
- Developed long-term security strategies and served as an executive client advocate.
- Created an MDR offerings portfolio and managed its pricing and profitability.

Hewlett-Packard Enterprise / Electronic Data Systems

Enterprise Architect / Virtual CISO | 2003-2016

- Led security-service implementation for the Navy-Marine Corps Intranet, supporting approximately 400,000 users and more than one million assets globally.
- Developed a DHS Continuous Diagnostics and Monitoring solution for a \$6 billion IDIQ pursuit.
- Led development of FedRAMP cloud offerings for U.S. government sponsors.
- Served as virtual CISO for commercial clients and as HIPAA compliance officer and lead security architect for CMS-focused software development.

Microsoft

Engineer / Consultant | 1999-2003

- Supported early, very-large-scale Active Directory deployment serving more than 400,000 users.
- Delivered Windows infrastructure and security solutions for government, healthcare, and financial-technology clients.

Earlier Healthcare and Technology Experience

- **Winchester Hospital** - Manager, Information Technology | 1998-1999
- **New England Medical Center / Tufts** - Senior Consultant | 1996-1998
- **St. Mary's Health Services / Mercy Health Services** - Senior Consultant | 1992-1996

Education

- MBA, The University of Texas at Dallas, 2011
- MS, Information Technology specializing in Security, Capella University, 2008
- BS, Computer Information Systems, Excelsior College, 2006

Selected Credentials

- Cybersecurity Maturity Model Certification (CMMC)
Lead Certified CMMC Assessor (LCCA),
Certified CMMC Assessor (CCA),
Certified CMMC Practitioner (CCP),
Registered Practitioner Advanced (RPA),
Registered Practitioner (RP)

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- Certified Information Systems Security Professional (CISSP)
- Certified Information Security Manager (CISM)
- Certified in Risk and Information Systems Control (CRISC)
- OneTrust Fellow of Privacy Technology
- AWS Certified Cloud Practitioner
- Microsoft MCSE and MCITP

Selected Web Sites

- CyberFoundry Blog
<https://cyberfoundry.io>
- CMMC Brain
<https://cmmcbbrain.com>

Community Leadership

- Board Member and Organizer, BSides Bloomington, 2023-Present
- Coordinator, Mensa Security Special Interest Group
- FBI InfraGard member
- Le Droit Humain