

# Bill Weber

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I am writing to express my keen interest in the Chief Information Security Officer position. With over 35 years of diverse experience in cybersecurity and information technology, I am enthusiastic about the opportunity to leverage my expertise in a dynamic and forward-thinking organization.

My career spans esteemed institutions where I have developed a leadership philosophy focused on the power of team building and the strategic alignment of security with business objectives. From MIT Lincoln Labs to Microsoft, my journey has been marked by a commitment to not only safeguard technological assets but also to foster a culture of security awareness and resilience.

In my role as a CISO, I have excelled in creating and leading high-performance teams capable of proactively shaping secure operational environments. My experience includes managing large-scale security operations, ensuring compliance with various regulatory frameworks, and navigating the complexities of cloud and infrastructure security.

The true strength of a CISO lies in the ability to understand and adapt to the unique challenges and culture of any organization. My goal is to integrate my expertise in continuous monitoring solutions, risk management, and team development to enhance the cybersecurity posture of the organization.

I am eager to explore opportunities where my background, values, and strategic approach to cybersecurity can contribute significantly. I look forward to the possibility of discussing how my experiences and vision can align with the security goals of your organization.

Thank you for considering my application. I am enthusiastic about the opportunity to contribute to your team and am ready to bring my blend of experience, dedication, and passion to this challenging and rewarding role.

-Bill

## Chief Information Security Officer

35 Years Experience  
Entrepreneur / MIT / NYU / HP / Microsoft  
Academic, Defense, Healthcare

MBA, MS IT, BS IT  
CISSP, CISM, CRISC, Fellow

Open to Remote / On-site  
International / National Relocation

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With over 35 years of experience in the realms of cybersecurity, technology, and business leadership, I have dedicated my career to devising and executing strategies that drive sustainable change and fortify organizational security. At the heart of my approach is a keen ability to identify and bridge gaps, particularly in developing human capital. My greatest pride lies in fostering the growth of teams and individuals, a cornerstone for any successful enterprise. In my journey, from hands-on technical roles to strategic leadership positions, I have consistently aligned security initiatives with business objectives, ensuring robust and resilient infrastructures against evolving threats.

## PROFILE

As a seasoned Chief Information Security Officer, I bring a wealth of experience from esteemed institutions like MIT Lincoln Labs, New York University, Hewlett-Packard, Electronic Data Systems (EDS), and Microsoft. My expertise lies in crafting and leading strategies that safeguard critical information assets while supporting business continuity. I excel in building strong alliances and teams, aligning tactical and strategic goals to mitigate risks in real-world business scenarios. My extensive background spans across diverse sectors, including academia, healthcare, and government, providing a deep understanding of unique security challenges and solutions in each domain.

## CAREER HIGHLIGHTS

LEADERSHIP	Dedicated team builder with a history of helping organizations transform their internal security operations into high performance teams capable of shifting culture, reducing risk, and responding to emerging threats. Being a CISO is equal parts partnering within the organization, building the cyber team, and responding to the threat landscape; all with the vision of implementing a strategy to reduce risk to the organization.
SECURITY	Based in the rigor of government security programs, I've developed large scale systems (400,000+ seats), lead the architectural development of Continuous Monitoring Solutions, and built Security Operation Centers for Classified and Unclassified environments. Having operated in strategic and technical environments, I can move between and lead all facets of security and engineering efforts.
COMPLIANCE	OneTrust Fellow and highly experienced implementing Governance, Risk Management and Compliance (GRC) programs. Developed compliance programs based on NIST SP800-171, SP800-53, ISO 27001, HIPAA, GDPR, SOX and SOC2 requirements.
CLOUD	Developed and sold the first FedRAMP Moderate Cloud Solution for HP to government sponsors. Extensive experience driving emerging technologies into existing programs. Amazon Web Services certified.
INFRASTRUCTURE	35 years of experience, starting as a network and microsystems engineer. Fluent in network and internal infrastructure design having implemented campus networks, regional WAN infrastructure, virtualization platforms and within the Microsoft and now Azure ecosystems. Enterprise Architect and Systems Engineer experienced in developing and implementing large scale infrastructure (400,000+ seats)

## PROFESSIONAL EXPERIENCE

<b>Cyber Foundry</b> , South Bend, Indiana USA Founder (President) / Virtual CISO	2017 to present
Develop security offerings to assist medium to large enterprises in improving their capabilities. Support reviews of existing operations before audits or in response to incidents. Help organizations orient their security operations to their business strategy.	
<ul style="list-style-type: none"><li>Developed and deployed OneTrust Third Party Risk Management for the New York City Public Schools</li><li>Interim CISO for Penn State University Applied Research Lab FFRDC</li><li>Provide Virtual Chief Information Security Officer programs to high-value businesses, including cybersecurity assessments and audit prep</li><li>Conduct Incident Response Root Cause Analysis for post-breach clients, helping identify and remove security threats</li><li>Provide small business IT services to move into the cloud and modernize business operations securely</li></ul>	
<b>New York University</b> , New York, New York USA	2021.01 to 2021.10
Director of Detection, Response, and Forensics Teams / Chief Information Security Officer (CISO) NYU is a top global research university with an annual academic and research revenue of \$3.7bn. As director of the Detection, Response, and Forensics department, I led global efforts to implement and manage a Security Operations Center (SOC) and managed internal, matrix, and multi-national teams to implement security services for 13 global sites.	
<ul style="list-style-type: none"><li>Rebuilt SOC detection and response capabilities by rearchitecting the Splunk SIEM and implementing Palo Alto Cortex SOAR.</li><li>Deployed Palo Alto Cortex XDR (Extended Detection and Response) capability across 13 countries.</li><li>Rearchitected the network into an 'Open Campus' and protected networks using micro-segmentation and ZTNA concepts.</li><li>Prepared the organization for IT Outsourcing by standardizing operational procedures, negotiating contracts, and performing risk assessments.</li><li>Developed Incident Response Procedures and led multiple Incident Response Activities. Trained leadership on risk and response.</li><li>Conducted listening tours to understand stakeholder needs and adapt the program to the organization's culture.</li></ul>	
<b>Massachusetts Institute of Technology (MIT) Lincoln Laboratory</b> , Lexington, Massachusetts USA	2018.11 to 2020.10
Cyber Security Sector Manager / Chief Information Security Officer (CISO) MIT Lincoln Labs is a Federally Funded, Research and Development Center (FFRDC) with an annual research revenue of \$1bn. As the team leader for cyber security operations within the Information Technology division, my responsibilities include the development, implementation, and operation of all cyber security operations within DoD classified and unclassified environments. This role extended into protecting unique and threat-adverse environments under high external interest, sensitivity, and potential security threats.	

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- Developed, managed, and operated DoD classified and unclassified security operations centers (SOC) in compliance with CMMC, FISMA, NIST Risk Management Framework, NIST SP800-53, and NIST SP800-171 standards.
- Implemented ACAS and related vulnerability management technologies to support DoD classified systems.
- Partnered with researchers to leverage the lab's unique skills to detect and deter cyber security threats using ahead-of-market insights and technologies.
- Built collaborative, strategic relationships with stakeholders within the lab to advance the cyber security capability and culture.
- Analyzed SOC tooling and procedures allowing a reduction of duplicate capabilities, and provided normalized operating procedures, which were then automated through a Security Orchestration Automation and Response (SOAR) platform.
- Created and monitored performance analytics to measure effectiveness.

## eSentire, Waterloo, Ontario Canada

2016.09 to 2018.09

### Principal Security Strategist / Virtual Chief Information Security Officer (vCISO)

- Client Advocate performing comprehensive risk assessments and business impact analysis with remediations.
- Partnered with clients to define their risks and map out long-term strategies for their operations.
- Created MDR offerings portfolio while supporting sales and marketing. Managed pricing and profitability of the portfolio.

## Hewlett-Packard Enterprise (Electronic Data Systems – EDS), Plano, Texas USA

2003.05 to 2016.05

### Enterprise Architect / Virtual Chief Information Security Officer (vCISO)

- Team leader to implement security services for the Navy-Marine Corps Intranet (NMCI) program with 400,000 users and 1m+ assets globally. Functioned in DoD classified and unclassified environments.
- Developed and implemented a team-based DHS Continuous Diagnostics and Monitoring (CDM) program winning a \$6bn contract position.
- Team leader to develop and pitch FedRAMP cloud solution offerings to the US Government.
- Provided services as a Virtual Chief Information Security Officer (CISO) to commercial clients.
- Served as a HIPAA Compliance Officer and Lead Security Architect for CMS-focused software development efforts.
- Managed complex projects requiring strong analytical skills and creative cultural adaptation with government clients.

## Microsoft, San Diego, California USA

1999.10 to 2003.05

### Engineer / Consultant

Windows Kernel Performance engineer deploying Active Directory to the field at its inception. Supported the first very large-scale Active Directory (400,000+ users). Developed and deployed to the field Windows Terminal Server and Internet Security and Acceleration (ISA) services for large-scale internet presences. Developed client base supporting government, healthcare, and fintech client base, winning top region two of two years.

## Winchester Hospital, Boston, Massachusetts USA / Manager, Information Technology

1998 to 1999

## New England Medical Center (Tufts), Boston, Massachusetts USA, Senior Consultant

1996 to 1998

## St. Mary's Health Services (Mercy Health Services), Grand Rapids, Michigan USA, Senior Consultant

1992 to 1996

## Data Link Systems, South Bend, Indiana USA, Production Coordinator

1990 to 1992

## Acme Institute of Technology, South Bend, Indiana USA, Director, Tool & Die Apprenticeship Program

1989 to 1990

## EDUCATION

### Master of Business Administration (MBA)

University of Texas at Dallas, Graduated 2011

### Master of Science (MS)

#### Information Technology specializing in Security

Capella University, Graduated 2008

### Bachelor of Science (BS)

#### Computer Information Systems

Excelsior College, Graduated 2006

## PUBLICATIONS

- CFO's Guide to Just Enough Cybersecurity for Venture Capital Firms
- Guide to Creating Usable Cybersecurity Policies and Procedures

## REFERENCES

Please see the attached summary or LinkedIn for a full list.

## CERTIFICATIONS

OneTrust Fellow of Privacy Technology #73644

(ISC)<sup>2</sup> Certified Information Systems Security Professional (CISSP) #29867

ISACA Certified Information Security Manager (CISM) #1014442

ISACA Certified in Risk and Information Systems Controls (CRISC) #1004569

Microsoft Certified Systems Engineer (MCSE) #1793697

Microsoft Certified Information Technology Professional (MCITP) #1793697

Amazon Web Services Certified Cloud Practitioner (CCP) #01783372

Cisco Certified Network Associate / Design Associate (CCNA/CCDA) #CSCO010095762

NSA IS Sec Pro / System Admin / InfoSec Assessment Method (CNSS 4011/4013)

ICCP Certified Computing Professional (CCP) #240331

CompTIA A+ / i-Net+ / Network+ / Server+ / Cert Tech Trainer (CTT+) #COMP10445345

## HONORS & VOLUNTEER ACTIVITIES

Mensa International High IQ Society / Security Special Interest Group Coordinator

TOOOL The Open Organization of Lockpickers

FCC Licensed HAM Radio General Operator KD9YTT

FBI Infraguard

## CLEARANCES

US Department of Defense / US Department of Homeland Security

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## REFERENCES

These references can all be found on LinkedIn but are provided here for convenience.

### From Cyber Foundry, Inc.

**Renault Ross** CISSP, CHSS, CCSK, CISM

Cybersecurity OG | Author | Humanitarian Nerd

July 31, 2016, Renault worked with Bill but they were at different companies

Bill Weber is a rare breed of Information Security practitioners, who I can actually attest not only understands just Cybersecurity strategy, controls and best practices but equally understands how it applies to business goals, objectives and imperatives. His passion is unmatched and keeps him sharpening his toolkit of knowledge in learning and sharing it to improve vendor products, solutions and customer's Enterprise Information Security Programs.

### From MIT Lincoln Labs

**Vik Muiznieks**

Enterprise Architecture Director at MIT Lincoln Laboratory; Adjunct Professor at SNHU

August 12, 2022, Vik worked with Bill on the same team

When I think about who I'd like to have as a CISO, Bill bubbles quickly to the top of a very short list. He has a very broad, deep and strategic view of the security landscape (complemented by a business perspective to match), but can get down into the weeds and sort through the details quickly if and when necessary (and it frequently is necessary...). He also cares deeply about his staff, encourages continuous development and training, and tries to make things fun at the same time. Doesn't hurt that his Mensa scores/skills are second to none, either...

**Michael Todino**

IT Manager - MIT Lincoln Laboratory

December 13, 2020, Michael worked with Bill but on different teams

Bill brings a wealth of knowledge on multiple domains within the cyber and IT areas. His ability to measure risk vs usability is a key towards striking a balance between the two for organizations to protect their data while enabling their staff to work more collaboratively. Bill is also a person of high integrity and solid values. The development and well being of his staff is paramount while he embraces a diversity of ideas and welcomes different perspectives towards problem solving. Bill is a great addition for any organization looking to modernize and develop their cyber program.

### From eSentire

**Peter Brookman**

AVP Security Sales at CDI LLC

October 22, 2018, Peter worked with Bill on the same team

I have had the pleasure of working with Bill over the past 3 years. Bill's command over security and regulatory compliance is extremely impressive. Bill has the rare ability to understand the various compliance (NIST, ISO...) complexities and translate those into business priorities. As a revenue producer who predominantly sells to C-level executives I was fortunate to have Bill on my team. Executives appreciated Bill's pragmatic approach to problem-solving and his partnership helped me quickly build trust and confidence among our clients/prospects.

**Chris Tangora**

Data Modeling & Analytics Manager at MIT Lincoln Laboratory

December 1, 2020, Chris worked with Bill but on different teams

I worked with Bill before and into the 2020 Pandemic and saw first hand his strategic views being put into action. Bill urges and facilitates his team to design & develop a security infrastructure to achieve overarching goals. I appreciated Bill's confidence and candor.

**David Abotchie**

Cyber Advisor and President at StopAHack.com

August 29, 2023, David reported directly to Bill

I had the honor of working under Bill's leadership at MIT Lincoln Laboratory. Bill consistently impressed me with his strategic vision, transparent decision-making, and unwavering commitment to our mission. His ability to inspire his team and drive results is truly exceptional. I wholeheartedly recommend Bill for any leadership role or initiative he chooses to undertake. His dedication and prowess in leadership are second to none.

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## From EDS/Hewlett-Packard Enterprise

### George Romas

Chief Technologist and Thought Leader

April 7, 2015, George managed Bill directly

Bill worked for me as an Enterprise/Security/Cloud Architect, developing solutions for our US Public Sector customers - while building a cybersecurity lab for our organization. He easily grasps the complexities of architecting solutions according to stringent security policies, controls and requirements, and does extremely well in communicating these concepts to any audience. He is a strategic thinker that can also incorporate the details in the solutions he develops.

### Wayne Wright

Senior Consultant, IT Service Management at Microsoft

March 4, 2015, Wayne worked with Bill on the same team

Bill is an amazing security guru. He is adept at designing, architecting and implementing secure IT environments at all levels of FISMA. I really believe that Bill has the NIST security documents, DISA STIGs, FedRAMP controls, and the Security Risk Management framework memorized. And, perhaps his most important characteristic, he can explain the value and the rationale of security practices to those of us who are challenged by the esoteric nuances of security.

### Michael Schwartz

Micro Focus

May 18, 2011, Bill was Michael's client

I have worked with Bill for close to a decade crossing paths along various client engagements. Bill is very articulate and possesses great knowledge with respect to IT Security, Process, and Policy. A forward thinking individual that would be a great asset to any service organization, think tank, or CTO role

## From University of Texas at Dallas

### Pamela Foster Brady

Director of Executive Education at The University of Texas at Austin

May 21, 2011, Pamela and Bill studied together

Bill is a high level thinker - always two to three steps removed from the task and looking at the greater picture. He's free-spirited with a great sense of humor. He was a high performance team member and delivered excellent work on time.

### Kevin Lawson

President / General Manager at First Texas Auto Credit

May 20, 2011, Kevin and Bill studied together

Bill and I worked together on several projects together at the University of Texas - Dallas. Bill was always diligent in his preparation and he brought different view points to improve our strategic execution. An example of Bill's solid contribution was when he took the lead on a project to develop the framework and outline which helped keep us organized and focused on the end result. Bill is a great contributor and creative thinker, I highly recommend his abilities.

## From Microsoft

### Rachael Babcock

CEO | Technology & Innovation | Empowerment & Growth | Curious, Optimistic Explorer

January 19, 2009, Rachael worked with Bill but on different teams

Bill is a strategic thinker and analyst. You can give him any software or technology and he will quickly understand how it works in detail, and the business and technical implications of an implementation. Bill keeps up to date on the many industry trends and always has a cutting edge and progressive view on security, architecture, and various technologies. I would highly recommend him to lead or be part of the technical team of any major corporation, where cutting edge technologies and business is crucial for market place differentiation.