WILLIAM M. GENOVESE

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CHIEF TECHNOLOGY OFFICER | CHIEF INFORMATION OFFICER
CHIEF QUANTUM OFFICER

Enterprise Technology Strategy • Digital Transformation • Quantum Computing & AI

Enterprise technology and innovation executive with 20+ years of global leadership across enterprise architecture, large-scale modernization, quantum computing, AI, cloud, cybersecurity, blockchain, and technology strategy. Three-time CIO/CTO and current Chief Quantum Officer with experience translating emerging technologies into commercial offerings, enterprise transformation, strategic alliances, and measurable business outcomes. Trusted advisor to CEOs, boards, CIOs, CTOs, investors, and Fortune 500 leadership, with international experience across the U.S., Europe, Asia, and Africa.

SELECTED LEADERSHIP HIGHLIGHTS

- **$1.3B quantum opportunity:** Defined and secured executive alignment for Kyndryl's three-year quantum services growth strategy; built a 9+ alliance ecosystem and 50+ enterprise use cases, supporting a $15M qualified pipeline.
- **$1B+ modernization:** Led major enterprise transformation work, including a $700M Epic infrastructure program and $34M network modernization, strengthening resilience, security, and operational performance.
- **Global banking growth:** At Huawei, drove enterprise architecture and product modernization that contributed to 154% revenue growth and a projected $500M revenue infusion within two years.
- **Technology commercialization:** Advanced quantum-safe, AI, blockchain, and cloud offerings; generated advisory revenue, funding, IP, and strategic partnership opportunities across emerging-technology markets.

AREAS OF EXPERTISE

Quantum & Emerging Technologies: Post-Quantum Cryptography (PQC) | Sovereign Computing | Enterprise Use Cases | Quantum & AI Application Development/Integration

Leadership & Strategy: Technology Portfolio Management | Cross-Functional Leadership | IT Strategy | Strategic Roadmaps | IP Commercialization | Risk Management | M&A Technology Due Diligence | Stakeholder Engagement | Board Advisory | IT Governance & Compliance | Strategic Partnerships & Alliances | Portfolio Development | Optimization | Go-to-Market

Technical Architecture: Global Enterprise Cloud Environments | Cybersecurity | Enterprise Architecture | Cloud & Hybrid Infrastructure | Data & Advanced Analytics | Quantum Technologies | Artificial Intelligence | Machine Learning | Blockchain

PROFESSIONAL EXPERIENCE

CHIEF QUANTUM OFFICER | HEAD OF QUANTUM INNOVATION & SOVEREIGN COMPUTING

Cyber Eagle | Remote – *Washington, DC* Oct 2025 to Present

Lead quantum innovation, sovereign-computing strategy, and product development across defense, enterprise, and regulated markets. Advance Quantum AI products, quantum-risk capabilities, and intellectual-property initiatives that strengthen market differentiation and commercialization.

Key Highlights

- **Build strategic partnerships** with NVIDIA, IBM, D-Wave, QuSecure, SandboxAQ, and other technology leaders to accelerate quantum product development, technology integration, and market expansion.
- **Lead development and commercialization of a Quantum AI portfolio** including Quantum Deterrence Stack, QRA, Quantum Risk Valuation, and BluLyte, translating emerging quantum capabilities into differentiated security and risk-intelligence offerings.
- **Design layered crypto-agility frameworks** spanning infrastructure, applications, networks, and identity, enabling rapid algorithm substitution and more resilient security architectures in preparation for emerging quantum threats.
- **Advise executive and institutional stakeholders** on quantum strategy, cybersecurity, emerging-technology investment, and commercialization, translating complex technology considerations into actionable business, regulatory, and investment decisions.

Continued...

Professional Experience Continued…

GLOBAL QUANTUM COMPUTING & SERVICE PORTFOLIO

KYNDRYL | Hybrid – *St. Augustine, FL* June 2022 to Oct 2025

Defined a three-year quantum growth strategy identifying $1.3B in incremental revenue opportunity; converted strategy into a qualified $15M global pipeline. Built a global ecosystem of 9+ strategic alliances and 50+ enterprise use cases spanning optimization, PQC, AI, and simulation while leading a 16-person quantum specialist team.

- As CIO Advisory Partner, originated $15M in advisory engagements and counseled Fortune 500 leaders on modernization, cloud, AI, quantum, security, and advanced analytics. Established the Palantir alliance and shaped joint financial-services solutions, partnership strategy, and enterprise GTM expansion.

SENIOR PRACTIONER, TECHNOLOGY ADVISORY & DUE DILIGENCE

Crosslake Technologies – *St. Augustine, FL* June 2021 to Nov 2021

De-risked private-equity acquisitions through technology and cybersecurity assessments; improved asset valuation by 20% through data-driven benchmarking and modernization analysis.

CO-FOUNDER & CTO

Interlect Global – *Miami, FL* Jan 2021 to June 2021

Designed a blockchain-powered ecosystem and ERUDITE blockchain-AI platform for regulated applications across education, healthcare, and financial services; aligned technology strategy with investor and GTM requirements.

CIO | CTO

EHome Holdings – *St. Augustine, FL* Dec 2020 to Feb 2021

Defined enterprise technology strategy for nationwide real-estate platform modernization; led a 15+ person technology organization and strengthened KPI-driven governance, budget oversight, and execution.

VICE PRESIDENT, CORPORATE STRATEGY, GLOBAL BANKING & FINANCIAL MARKETS

Huawei Technologies – *Shenzhen, China* Aug 2016 to Sept 2020

Drove enterprise architecture and product modernization contributing to 154% revenue growth and a projected $500M revenue infusion within two years. Led blockchain and quantum go-to-market strategies and operationalized quantum use cases that influenced financial-services applications and long-term R&D priorities. Directed enterprise transformation across global business units, integrating AI, blockchain, cloud, and quantum technologies.

PRINCIPAL | CHIEF TECHNOLOGY ARCHITECT

WGroup (Wavestone) – *Radnor, PA* Mar 2015 to Mar 2016

Led a $1B IT modernization initiative, including a $700M Epic EMR infrastructure transformation, and negotiated a $34M Cisco network solution that improved resiliency, performance, and security.

PROGRESSIVE LEADERSHIP

IBM – *Charlotte, NC* Mar 2004 to Mar 2015

Advanced Consultant → Managing Consultant → Senior Managing IT Architect → Chief Enterprise Architect / Chief Engineer → Senior Certified Executive IT Architect / Client Technical Leader

Led enterprise architecture, cloud, innovation, and C-suite technology engagements for major financial institutions and global enterprises; secured a $400M five-year outsourcing extension and up to $8M in new opportunity revenue. Pioneered open-cloud and OpenStack architecture and delivered first-of-a-kind innovations, contributing to foundational technology expansion later associated with IBM's $34B Red Hat acquisition.

PROFESSIONAL DEVELOPMENT

EDUCATION: B.A., Communications, Western Connecticut State University

EXECUTIVE DEVELOPMENT: MIT, Harvard Business School, Oxford Saïd Business School

CERTIFICATIONS & CREDENTIALS: CISSP | Certificate in Quantitative Finance (CQF) | Master Certified IT Architect | Master Certified IT Specialist | Distinguished/Chief IT Architect (The Open Group) | **Awarded Patent US 8140590 · Issued Mar 20, 2012**

SELECTED BOARD & ADVISORY LEADERSHIP: Tortora Brayda Institute | 7CTOs | AFG Partners | FinTech4Good | MIT Technology Review | FinTech Association of Hong Kong | OpenStack Foundation | Saving Promise | Standard Health | NewChip Accelerator | HA:KU Global.

THOUGHT LEADERSHIP: 75+ publications, conference keynotes, university programs, webinars, and podcasts; recognized for innovation and emerging-technology leadership. Complete history available on **LinkedIn.**