Waylon Krush, CISSP, CISA, CGRC

CEO, ZeroTrusted.AI | Tech Visionary | Cybersecurity Authority | U.S. Army Veteran

Waylon Krush is the CEO of **ZeroTrusted.AI**, a pioneering firm dedicated to fortifying the security, privacy, and reliability of AI Agents and Machine Learning ecosystems. With over 27 years of experience spanning the highest levels of government and private industry, Waylon is a recognized authority on the technical and ethical complexities of the "Agentic" future. Under his leadership, ZeroTrusted.AI is developing innovative solutions to solve the critical lack of accountability and security in autonomous AI systems driven by AI agents.

Corporate Leadership & Entrepreneurship

Before founding ZeroTrusted.AI, Waylon served as the **Chief Technologist for Motorola Solutions' Cybersecurity Services**, following the successful acquisition of his previous company, **Lunarline, Inc.**, in March 2020. As founder and CEO of Lunarline for 17 years, he scaled the firm into a global leader in role-based cyber training and secure solutions for the Department of Defense (DoD), the Intelligence Community (IC), and Fortune 500 healthcare and telecommunications giants. He was inducted into the Motorola 2021 Science Advisory Board Associates (SABA) for outstanding innovation.

Beyond cybersecurity, Waylon is the President and CEO of **Krush Acquisitions**, where he creates, buys, and scales diverse ventures across Central Florida—including **Krush Brau Park, Krush Caters, Ensley, Containrent, Lifestyles CFL, Krush Gifts (Mouse to Your House, Donaco)**, and **Krush Development** (real estate holdings). He also serves on the board of **Kerov.ai**, an AI-driven neurofeedback platform supporting U.S. veterans with PTSD.

Government & Technical Influence

A **U.S. Army Veteran**, Waylon's career is rooted in over two decades of hands-on mission impact, including:

- **National Standards:** Technical reviewer for **NIST SP 800-53A** and the CIO Council's **Federal Enterprise Architecture Security and Privacy Profile (FEA-SPP) v3.0** (including developing the supporting software). Co-author of two cybersecurity books used in advanced and university courses—***The Definitive Guide to the C&A Transformation*** and ***The Definitive Guide to FedRAMP***.
- **Higher Education:** Has taught security architecture at the **University of Syracuse** for masters students, and trained thousands of cybersecurity students worldwide via the School of Cybersecurity.

- **Expert Testimony:** Called to testify as a Subject Matter Expert on cybersecurity before the **U.S. House of Representatives Committee on Homeland Security** and the **Committee on Science, Space, and Technology**.
- **Global Speaker:** Keynoted AI Security conferences in the United States, Japan, and Brazil, and featured as a cybersecurity SME on **CNBC, Fox News, NPR, and AP**.

Speaking Engagements & Expert Testimony

Waylon is a recognized global speaker, expert witness, and Subject Matter Expert on cybersecurity:

- **Congressional Testimony** — Called to testify as a Subject Matter Expert on cybersecurity before the **U.S. House of Representatives Committee on Homeland Security** and the **Committee on Science, Space, and Technology**.
- **International Keynotes** — Keynote speaker at AI Security conferences in the **United States, Japan, and Brazil**; presenter at U.S. Government cybersecurity and AI Security forums.
- **Media SME** — Featured as a cybersecurity subject matter expert on **CNBC, Fox News, NPR, AP**, and William Shatner's ***Moving America Forward***.
- **Higher Education** — Lecturer/instructor in security architecture for masters students at the **University of Syracuse**; trained thousands of cybersecurity students worldwide via the School of Cybersecurity.

Education & Credentials

Waylon holds a **B.S. in Computer Information Science** from the University of Maryland (University College) and has completed over **3,000 hours of advanced training** at the **NSA National Cryptologic School (NCS)**. His professional certifications include CISSP, CISA, and CGRC, alongside specialized designations in Risk Management (RMF) and Continuous Monitoring (CERP, CEIA, CECM, CESE, CERE, CAP).

Awards & Recognition

Waylon's contributions to national security and technology have earned him numerous honors, including:

- **The Knowlton Award** & **DOT Cybersecurity Excellence Award**
- **NSA Professional of the Quarter** & **718th Military Intelligence Soldier of the Year**
- **Smart CEO Cyber Warrior Award** (2013) and **three-time Future 50 Award** winner (2014, 2015, 2016)
- **AFCEA Honor Award, CWFI Cyber Training Award, U.S. Marine Corps Scholastic Award, American Legion Award** (two years)
- **"20 Most Admired Tech Leaders in Business"** — Insight Success (2017)

- **2024 Top Cyber Pro Award** (Level 99)
- Several military awards related to cyber and mission impact

Health & Mission Focus

Waylon has extensive experience working cyber missions in **DoD Health, the Department of Veterans Affairs (VA)**, and **Health and Human Services (HHS)**—including HQ and several operating divisions. He has worked on, and provided security training for, many of the Fortune 500 medical, health, pharmaceutical, and hospital organizations throughout his career. Through his board role at **Kerov.ai**, he extends that focus to AI-driven neurofeedback for U.S. veterans with PTSD.

Executive Summary

Waylon Krush (CISSP, CISA, CGRC) is the CEO of ZeroTrusted.AI and a veteran cybersecurity visionary with 27+ years of experience. A former Chief Technologist at Motorola Solutions and founder of Lunarline, Inc. (acquired in March 2020), Waylon specializes in the security of AI Agents, ML, and complex data architectures. A U.S. Army Veteran with 3,000+ hours of NSA training, he has testified as a cybersecurity Subject Matter Expert before the U.S. House of Representatives Committee on Homeland Security and Committee on Science, Space, and Technology, and has co-authored foundational NIST and FedRAMP technical guides. He has keynoted AI security conferences in the U.S., Japan, and Brazil; been featured on CNBC, Fox News, NPR, and AP; and currently leads initiatives at the intersection of AI safety, neurofeedback for veteran health (Kerov.ai board), and Central Florida venture investing as President & CEO of Krush Acquisitions.

Professional Experience

ZeroTrusted.AI March 2022 – Present
Chief Executive Officer

- Leads the charge in securing AI technologies, delivering advanced solutions in AI security, privacy, and reliability to organizations worldwide.
- **Research and Design Implementation:** Identifies threats, malware, and vulnerabilities specific to AI technologies; designs and tests robust security measures to mitigate risks and enhance system reliability.
- **Zero Trust Architecture Development:** Plays a pivotal role in developing Zero Trust Architecture (ZTA) and FedRAMP-compliant cloud infrastructures, delivering secure, scalable solutions for diverse clients.

- **AI Training Development & Delivery:** Designs and delivers AI security, privacy, and reliability training programs, educating organizations on best practices and proactive measures to safeguard AI systems.
- **Customer Collaboration:** Works directly with customers worldwide to solve complex challenges related to AI security, privacy, and performance, providing tailored solutions and expert guidance.
- **Specialized AI Infrastructure:** Developed a secure cloud environment with security and privacy controls focused on Large Language Models (LLM), Small Language Models (SLM), Agentic Architecture, and RAG, prioritizing advanced security protocols.

Krush Acquisitions Concurrent
President & Chief Executive Officer — Central Florida

- Creates, acquires, and scales ventures across Central Florida—including Krush Brau Park, Krush Caters, Ensley, Containrent, Lifestyles CFL, Krush Gifts (Mouse to Your House, Donaco), and Krush Development (real estate holdings).

Kerov.ai Concurrent
Board Member

- Serves on the board of an AI-driven neurofeedback platform supporting U.S. veterans with PTSD.

Motorola Solutions, Inc. March 2020 – March 2022
Chief Technologist — Cyber Security

- Designed and implemented Zero Trust Architecture (ZTA) and cryptographic systems for Government Spec and commercial 5G radio networks deployed for U.S. and U.K. clients.
- Developed secure systems for 911 centers across the U.S. and contributed to Maryland's cybersecurity legislation.
- Inducted into the Motorola Scientific and Advisory Board Associates (SABA) in 2021 for outstanding innovation.

Lunarline, Inc. July 2004 – March 2020
President & Chief Executive Officer

- Founded and led for 17 years a privately held cybersecurity and privacy company providing secure solutions and role-based cybersecurity training and certification for the Federal Government, DoD, IC, and commercial corporations worldwide; **acquired by Motorola Solutions in March 2020**.
- Technical lead on assessments of 100+ DoD, Federal, IC, and commercial systems—including legacy mainframe, ICS, weapon systems, C4I, robotics, transportation systems, platform IT, sensors, medical devices, telecommunications infrastructure, cloud, mobile apps, and space systems.

- Headed testing teams for over 200 systems at the Department of Veterans Affairs (VA); provided oversight to assessment and continuous monitoring of 300+ systems at the FAA (NAS and Non-NAS), 100+ systems across U.S. Courts, and 50+ systems across the DOT (including all systems categorized as HIGH).
- Primary trainer for the SCS Risk Management Framework Security Control Assessor (SCA) course; trained over 1,000 independent assessors across Government and commercial entities.
- Helped create and served on the Board of Directors for Warrior to Cyber Warrior.
- Lead assessor for the FCC CISO and CIO on all new technologies, including open source, freeware, and other components not previously authorized on Federal baselines.
- Developed software solutions to enhance security, privacy, and the C&A process; led development of the Federal Enterprise Architecture Security and Privacy Profile (FEA-SPP) tool.
- Senior Security Engineer for the DoD Next Generation Wireless Communications (NGWC) for logistics—the secure DoD wireless mesh networking technology being developed and fielded for In-Transit Visibility (ITV).
- Conducted security code reviews using static and dynamic tools (open source and mobile applications); supported FCC and DOT in planning, transitioning, and implementing systems securely into Government VPC and commercial cloud architectures (Amazon, Google, TerreMark).
- Supported the FAA CISO and AIS 200/300/500 directors in development of the FAA ISS 5-year cyber strategy and the FAA Non-NAS and NAS Information Security Architecture; contributed to FAA Domain Name Security guideline, Technical Engineering Working Group (TEWG), Risk Management Plan, common controls security plan, continuous monitoring plan, and enterprise security metrics.

AT&T Government Solutions September 2002 – July 2004
Senior INFOSEC Engineer | Information Assurance Program Manager

- Provided INFOSEC, Information Assurance, computer security, and Network Exploitation training to military, government civilians, and government contractors.
- Wrote policies, procedures, and guidelines for vulnerability assessments, risk assessments, configuration management, rules of behavior, security accreditation, and new system security testing for joint military major commands and commercial entities.
- Provided engineering expertise in the redesign and secure migration of mission-critical systems to government facilities.
- Prepared Continuity Of Operations Plans (COOP), Disaster Recovery Plans, Security Test and Evaluation (ST&E) reports, Technical Architectures Documentation (TAD), and Security Plans for government and contractor customers.

- Conducted risk and vulnerability assessments of military and shared critical infrastructure and key resources—including Supervisory Control and Data Acquisition (SCADA), Industrial Control Systems (ICS), and interconnected IT infrastructure.
- Developed methodology, tools, templates, and a training program for military and civilian staff conducting Critical Infrastructure Protection assessments.

INSCOM / LIWA — U.S. Army December 2000 – September 2002
NCOIC, Information Systems Security Monitoring

- Served as NCOIC of the LIWA/IOVAD Information Systems Security / Communications Systems Security Monitoring Division.
- Planned and executed LIWA ISSM/COMSEC monitoring missions in support of worldwide deployments and missions.
- Provided expertise in network, workstation, server, and communications security, configuration management, and control.
- Technical Lead on Blue Team (Vulnerability) and Red Team (Intrusion) Information Operations assessments of Army policies, procedures, and techniques for Automation Information Systems (AIS).

U.S. Army (assigned to DoD Europe) July 1996 – December 2000
Senior Signals Analyst

- Conducted signal research and development across all forms of modulation and the frequency spectrum—Phase, Frequency, and Pulse Code Modulation.
- Analyzed the internal structure of complex time-division multiplexers to recover voice and data from advanced telecommunications systems.
- Performed analysis of communication protocols across all OSI layers (TCP/IP Suite, Nortel Suite, SS7 Suite, Cisco proprietary).
- Performed telecommunications and information systems exploitation at the binary level; developed software solutions to aid in research and analysis.

Education

- **Bachelor of Science, Computer Information Science** — University of Maryland University College (2003)

Certifications

- **CISSP** — Certified Information Systems Security Professional (#55975)
- **CISA** — Certified Information Systems Auditor (#0649096)
- **CGRC** — Certified in Governance, Risk and Compliance (#55975)
- **CERP** — Certified Expert RMF Professional
- **CEIA** — Certified Expert Independent Assessor

- **CECM** — Certified Expert Continuous Monitoring
- **CESE** — Certified Expert Security Executive
- **CERE** — Certified Expert Risk Executive
- **CAP** — Certified Authorization Professional

Training

- **NSA National Cryptologic School (1996–2002)** — 3,000+ hours: DNR, SS7, Digital Communications and Analysis, Computer Security, INFOSEC, C2C Communications, SIGINT Instrument/Measurement, Advanced Protocol Analysis, PERL Programming, C Programming, XLINX Programming, Signal Processing.
- **Military / DoD / Commercial (1996–2017)** — Signals Analysis, Non-Morse Collection and Analysis Leadership Development, Advanced Signal Analysis Course, Information Operations Planning, Deception Planning, FBI Computer Security Program Course, GSA FedRAMP Training, GSA FedRAMP 3PAO Training, DoD/DA Information Systems Security Monitoring, DoD/DA Internet Security Scanner Certification, OBLIX, Sun Trusted Solaris, FISMA Course (Certified Trainer), DIACAP Course (Certified Trainer), CNSS Course (Certified Trainer), Federal Security Architecture (Course Developer / Primary Trainer), FEA SPP Tool Training (Course Developer / Primary Trainer).

Clearance & Standing

- **Top Secret Clearance** — DoD
- **Motorola Scientific and Advisory Board Associates (SABA)** — Inducted 2021

Publications

- **Co-author** — ***The Definitive Guide to the C&A Transformation***
- **Co-author / Technical Reviewer** — ***The Definitive Guide to FedRAMP***
- **Technical contributor** — NIST SP 800-53A (Identification & Authentication section)
- **Technical contributor** — CIO Council's Federal Enterprise Architecture Security and Privacy Profile (FEA-SPP) v3.0

Awards & Recognition

- The Knowlton Award
- DOT Cybersecurity Excellence Award
- NSA Professional of the Quarter
- AFCEA Honor Award
- CWFI Cyber Training Award
- U.S. Marine Corps Scholastic Award
- American Legion Award (two years)

- 718th Military Intelligence Soldier of the Year
- Smart CEO Cyber Warrior Award (2013)
- Future 50 Award (2014, 2015, 2016) — three-time winner
- “20 Most Admired Tech Leaders in Business” — Insight Success (2017)
- 2024 Top Cyber Pro Award (Level 99)
- Multiple military awards related to cybersecurity and mission impact

Speaking & Media

- **Congressional Testimony** — U.S. House of Representatives, Committee on Homeland Security and Committee on Science, Space, and Technology (cybersecurity Subject Matter Expert).
- **International Keynotes** — AI Security conferences in the U.S., Japan, and Brazil.
- **Media SME** — CNBC, Fox News, NPR, AP, William Shatner’s ***Moving America Forward***.
- **Higher Education** — University of Syracuse (security architecture, masters); School of Cybersecurity (thousands of students worldwide).

Contact

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