

SENIOR NETWORK SECURITY ENGINEER

Senior Network Security Engineer with 14+ years of experience designing, implementing, and securing enterprise network and cloud infrastructure across healthcare, defense, and critical infrastructure. Expertise in firewall architecture, SIEM operations, and Zero Trust frameworks across Palo Alto, Fortinet, Cisco, Azure, and AWS. Proven record of reducing security incidents, improving uptime, and leading large-scale security deployments in regulated environments aligned with NIST, ISO 27001, and HIPAA. Former Air Force NCO; current Public Trust clearance and prior TS/SCI clearance (inactive, 2013–2016).

PROFESSIONAL EXPERIENCE

L3Harris Technologies | Remote

May 2025 – Present

Information Security Systems Engineer (Public Trust)

- Validate Fortinet FortiGate security designs and configurations across 14 sites, including IPS, application control, and geo-blocking policies, for an Australian Defense Force and airport cybersecurity infrastructure upgrade.
- Review 2,000+ pages of CDD/SDD documentation for compliance before implementation by a third-party integrator.
- Validate Splunk SIEM, Cisco Threat Grid, and Imprivata PAM design documents against security requirements.
- Leverage in-house AI compliance tools to automate documentation validation and improve implementation accuracy.
- Assist R&D in building an in-house security posture and alerting system for Network Operations Center (NOC) use.
- Collaborate with cross-functional global teams to deliver cybersecurity infrastructure milestones to security standards.

LifePoint Health (formerly Kindred Healthcare) | Remote

Oct 2021 – May 2025

Sr. Network Security Engineer

- Administered large-scale firewall infrastructure including 120+ Palo Alto devices, Cisco ASA, Fortinet FortiGate, Panorama, and FireMon, securing Layer 3–7 traffic across geographically distributed data centers.
- Engineered high-availability FortiGate firewall solutions, achieving 99.99% uptime and eliminating single points of failure.
- Developed 11,000+ security rule sets across routers, switches, load balancers, and network management platforms.
- Audited ACLs, IPsec VPNs, TACACS authentication, and load balancer configurations for HIPAA and ISO 27001 compliance.
- Resolved 300+ security incidents using segmentation, ACLs, and IPS, reducing incident rates by 20%.
- Led Azure cloud security architecture, deploying Palo Alto firewalls and implementing Zero Trust controls aligned with NIST SP 800-207 across identity, network, and endpoint layers.
- Integrated the Kindred and LifePoint networks after acquisition, engineering site-to-site VPNs and secure IP routing for shared information access under HIPAA and ISO 27001.
- Configured and troubleshooted enterprise SSL VPNs for secure remote access, including split-tunneling requirements.

Integrated Resources Inc. (TECO Energy) | Tampa, FL

Jul 2020 – Oct 2021

Network Security Engineer

- Engineered network segmentation and Network Access Control (NAC) with Cisco ISE and Check Point firewalls to align TECO Energy with the parent-company Emera Cyber Security Framework (CSF).
- Audited DNS and firewall configurations against Emera CSF, optimizing policies to meet best practices and regulations.
- Patched and modernized 25+ switches in the Eastern Operations Center; supported GarrettCom routers at 20+ substations.

Ashley Furniture Industries | Tampa, FL

Nov 2019 – Jul 2020

Cybersecurity Engineer

- Tuned Darktrace IDS across 1,000+ endpoints and supported monitoring, cutting false positives by 45%.
- Deployed MFA for Azure cloud applications and Palo Alto GlobalProtect VPN, enrolling 2,000+ users.
- Led design of Syslog-NG to Microsoft Azure Sentinel SIEM log management; configured Palo Alto ACLs and URL filtering.
- Implemented IAM and a least-privilege privileged account program aligned with NIST 800.
- Engineered secure infrastructure for operational technology (OT), integrating vendor systems into manufacturing networks.
- Investigated and responded to security incidents and malware events, performing remediation and system cleanup.

ReliaQuest | Tampa, FL

Jul 2016 – Nov 2019

Network Security Engineer / Security Engineer

- Scoped, recommended, and authored SOWs for NGFW refresh projects for clients including IHG Hotels & Resorts, Domino's, and SeaWorld, influencing \$2M+ in security investments.
- Led IPsec VPN redundancy for 150+ clients (incl. SeaWorld, Marriott), restricting tunnel ACLs to required services.
- Overhauled SolarWinds monitoring for 150+ clients, improving visibility into VPN tunnels and mission-critical networks.
- Spearheaded deployment and maintenance of Cisco FirePOWER (AMP, NGFW, NGIPS) across 10+ client deployments.
- Deployed and optimized Palo Alto and FortiGate NGFWs to improve client segmentation and secure external access.
- Engineered SIEM with LogRhythm, ArcSight, and IBM QRadar (10+ clients), integrating 3+ threat intel sources.
- Responded to client network outages and reviewed security policy violations using SIEM-driven intelligence.
- Authored SOWs/SLAs for co-managed Palo Alto and F5 ASM WAF services; configured F5 LTM for application delivery.
- Designed client security architectures (firewalls, IPS/IDS, web proxies); introduced 3–5 new solutions annually.
- Developed security policies, standards, and roadmaps; coached and trained new hires after promotion.

Arkansas Blue Cross and Blue Shield | Little Rock, AR

May 2014 – Jul 2016

Network Engineer

- Managed enterprise network and security systems, including firewalls, IPS, and anti-malware, resolving end-user issues.
- Deployed IBM QRadar SIEM, integrating 50+ log sources, tuning correlation rules, and monitoring security events.
- Deployed SSL/TLS VPN with MFA for 500+ remote users and administered 50+ PKI certificates (Symantec, GlobalSign).
- Implemented Blue Coat SSL proxy inspection and identity-based firewall policy via Context Directory Agent (CDA).
- Standardized a MAC address scheme for Cisco ASA interfaces to stabilize Layer 2; created a firewall request process.
- Designed security architecture for a test network to validate new security features; trained new hires on Cisco ASA.
- Mapped data center and regional network paths into topology diagrams for operational visibility and troubleshooting.
- Partnered with technical leadership to evaluate and integrate new network security tools across the enterprise.

Arkansas Air National Guard | Ft. Smith, AR

May 2012 – Oct 2016

Cyber Systems Operations (Part-Time, TSgt/E-6, TS/SCI Clearance 2013–2016, Honorable Discharge)

- Supervised a 4+ member team in a TS/SCI facility, overseeing trouble tickets, rollouts, and enhancement projects.
- Managed accounts, access, and patching for 150+ systems; installed network and surveillance systems for intel ops.
- Delivered TCP/IP and security training; monitored critical systems and executed remediation plans for uptime.
- Coordinated system upgrades and infrastructure enhancements, supporting secure rollouts and continuous operations.

United States Air Force | Little Rock AFB, AR

May 2002 – May 2012

Aerospace Maintenance Technician (Honorable Discharge)

- Directly supervised 6 airmen as an NCO, maintaining mission-critical aircraft and equipment valued at up to \$288M.
- Helped stand up the first joint Active Duty/Guard unit for reception, bed-down, and maintenance of 8 aircraft (\$1.6B).
- Partnered with Lockheed Martin to integrate 177 maintenance laptops tracking flight-line technical data usage.
- Received numerous awards and commendations during service.

SKILLS

Firewalls & Network Security: Palo Alto (Panorama), Fortinet FortiGate, Cisco ASA/FirePOWER/FTD, Check Point, F5 ASM/LTM, NetScaler, Blue Coat, FireMon

SIEM & Monitoring: Splunk, IBM QRadar, ArcSight, LogRhythm, Microsoft Sentinel, Syslog-NG, Darktrace, Cisco Threat Grid

Identity & Access: Cisco ISE, TACACS+, Active Directory, Imprivata PAM, MFA, PKI, SSL/TLS

Cloud & Infrastructure: Microsoft Azure, AWS, VMware vSphere/ESXi, Cisco Nexus/IOS, SolarWinds, DNS, TCP/IP

Frameworks & Practices: Zero Trust (NIST SP 800-207), NIST 800, ISO 27001, HIPAA, DevSecOps, third-party risk

EDUCATION & CERTIFICATIONS

M.S., Cyber Security — University of Tampa

Expected May 2027

B.S., Information & Computer Science: Networking and Security, Magna Cum Laude — Park University

May 2015

B.S., Aeronautics; Minor in Management — Embry-Riddle Aeronautical University Worldwide

Sep 2012

Certifications: CISSP (held Apr 2017 – Apr 2023, expired), GSEC (expired), CCNA (expired), Microsoft Azure Fundamentals (AZ-900)

Clearances: Public Trust (current, L3Harris); TS/SCI (inactive; held 2013–2016, Arkansas Air National Guard)

Side Project: Founder & Content Creator, Michael Keenan LLC — security tutorials on [YouTube](#)

Oct 2018 – Present