

Douglas E. Farmer,
Jr., CISSP
Architecting the
future of identity-
driven security

Principal Security Architect —
Zero Trust • SSE/SASE • AI
Governance



Principal Security Architect | Identity-Driven Control Planes | Enterprise Scale

Security architecture leader operating in highly regulated FinTech and Department of Defense environments

- **U.S. Patent Holder (US-12432181-B2)**
- Principal Security Architect with 20+ years in enterprise security
- Senior technical authority across Zero Trust, SSE/SASE, identity modernization, and AI control planes
- Translate complex business and regulatory requirements into scalable security architecture in highly regulated **FinTech and Department of Defense** environments
- Architect for environments supporting **80,000+ Windows, VM, Mobile and macOS endpoints across multiple Lines of Business**
- Designed and delivered unified control plane architecture across complex multi-platform environments
- Partner with engineering and business leaders to translate complex risk into scalable systems and informed decisions

I turn ambiguity into architecture



- Led enterprise SASE transformation, replacing legacy proxy infrastructure with identity-driven SSE
- Reduced platform incident escalations by **75% across ~80,000 endpoints**
- Delivered **\$1.8M+ annual cost savings** through platform consolidation and vendor strategy
- Improved application performance by **~50% through identity-aware traffic steering**
- Enabled **zero-downtime migration** from on-prem proxy environments to a cloud-based control plane
- Established enterprise patterns for **secure GenAI adoption across global endpoints**
- **Reduced policy deployment time from hours to under 5 minutes**, enabling CSOC teams to meet regulatory response requirements in real time
- **Unified 8+ security platforms into a single SSE control plane**



How I Lead & Deliver

- Align senior engineers and stakeholders around clear architectural direction
- Frame complex risk into actionable, context-aware decisions
- Directed architectural delivery alongside Distinguished Engineers and cross-platform owners
- Navigate tradeoffs across security, usability, and performance
- Define operating models that scale across teams, platforms, and environments
- Build trust by making clear decisions and standing behind them, including high-risk architectural calls across multiple engineering organizations
- I show up consistently, communicate clearly, and take responsibility for outcomes

How I Think About Security & Systems



Security is fundamentally a control plane problem, not a tooling problem



Systems must align with real workflows, not idealized architectures



Identity and context should drive enforcement decisions



Strong architecture enables speed, not friction



The future of security extends into AI systems and non-human identities

Applied in production environments supporting 80,000+ endpoints and multi-platform architectures

Focused on roles that combine architecture, strategy, and measurable impact at scale



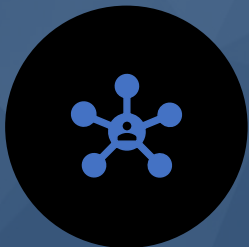
Experienced guiding multi-million dollar platform investments and long-term architectural direction



Defining security architecture and control planes for AI-native and cloud-scale environments



Partnering with engineering and business leaders to guide risk-informed decisions at scale



Shaping how identity, network, and AI systems converge into unified operating models



I'm drawn to environments that value clear thinking, technical depth, and solving hard problems the right way