

Secure Networks

BUILD CONFIDENCE IN EVERY CONNECTION

Modern environments demand more from the network than ever: flawless connectivity, built-in security, seamless hybrid work, and the ability to support AI-driven operations. Yet most organizations are still balancing:

- Aging hardware
- Fragmented architectures
- Isolated refresh cycles
- Rising segmentation and automation needs

A secure, modern network solves this by bringing campus, WAN, data center, cloud, and edge together into one integrated, intelligent architecture, purpose-built for what your business needs next.

ANM helps organizations design and deploy secure networks that adapt as environments grow, not the other way around.

HOW ANM IS DIFFERENT

- » We get to know you through discovery, not demos
- » 30+ years of resilience experience
- » 175+ engineers across data, network, cloud, and security
- » Custom workshops and assessments
- » Vendor-independent recommendations aligned to your environment

OUR APPROACH

Consultative by Design

We design and implement every solution with a consultative mindset, aligning architectures to your goals, constraints, and future-state roadmap.

From assessments to design to deployment and day-two enablement, we deliver solutions built to support both the knowns and the unknowns ahead.

TECHNOLOGY PARTNERS

ANM works with industry-leading providers, including Cisco, HPE, Palo Alto Networks, Nutanix, Rubrik, Pure, Broadcom, and many more.

ANM's Core Secure Network Capabilities



CAMPUS WIRED & WIRELESS

High-performance campus networks designed for scale, mobility, and operational simplicity:

- Wi-Fi 7 access and assurance for high-density, high-performance client environments
- Increased PoE capacity to support expanding wireless and IoT ecosystems
- AI-assisted troubleshooting and RF optimization for better user experience
- Full turnkey delivery from design through installation, configuration, and day-two enablement



ROUTING & SD-WAN

Flexible, resilient, multi-transport WAN architectures built for distributed operations:

- Traditional routing (MPLS, BGP controls, resilient Internet edge designs)
- SD-WAN with fiber, LTE, MPLS, satellite, and Starlink support for dynamic path selection
- Zero-touch deployment for rapid branch and remote stand-up
- Integrated security leveraging SSE and SASE policy frameworks
- Support for both modern and legacy WAN topologies



DATA CENTER FABRICS

Modern data centers require scalable, resilient architectures that can stretch across locations and into the cloud:

- ACI and EVPN-VXLAN fabrics for segmentation, hybrid-cloud reach, and multi-site disaster recovery
- Workload mobility to support application modernization and AI infrastructure
- Options for traditional and software-defined designs based on your operating model
- Secure connectivity between data centers, clouds, and edge sites



SOFTWARE DEFINED & SEGMENTATION

Segmentation that follows identity and intent rather than physical topology:

- SD-Access, SD-WAN, VRFs, VLANs, and TrustSec segmentation
- Micro-segmentation with Illumio, Guardicore, Cisco Secure Workload
- Controller-based architectures enabling automation, consistent policy, and Zero Trust alignment
- Unified segmentation across campus, WAN, and data center environments



**SECURE NETWORKS & CONNECTIVITY**

Security embedded directly into the network fabric:

- MACsec for link-layer encryption across switching and routing
- IPSec and encrypted overlays for secure WAN and remote connectivity
- VPN and identity-driven access controls for hybrid workforces
- Secure connection design for IoT, OT, and partner environments

**AUTOMATION**

Automated operations that eliminate drift and accelerate scale:

- Catalyst Center, Meraki Dashboard, and API-driven automation
- Ansible, Terraform, Python, and infrastructure-as-code frameworks
- Zero-touch provisioning to stand up branches and devices quickly
- Custom playbooks and templates built around your operational model

**VISIBILITY, OBSERVABILITY & MANAGEMENT**

Deep insight into user, device, and application performance:

- ThousandEyes, ZDX, and similar platforms for digital experience monitoring
- Catalyst Center Assurance for deep wireless and switching visibility
- Application-level observability to reduce mean time to innocence and repair
- Performance baselining for proactive issue prevention and improved capacity planning

**SASE, SSE & ZTNA**

Unified, cloud-delivered security and access control:

- Seamless policy enforcement across on-prem, cloud, and remote users
- Agent-based and clientless access for employees, contractors, and third parties
- Cloud-delivered firewalling, secure gateway, DLP, and CASB integration
- SSL decryption and global backbone optimization for improved performance
- AI guardrails and governance for responsible use of generative AI tools



The ANM Way to Secure Network Transformations

ASSESSMENT & STRATEGIC PLANNING

We begin every engagement with understanding, not assumptions.

- **Assess:** Analyze architecture, lifecycle posture, risk, performance constraints, and operational needs.
- **Align:** Map network evolution to business goals, growth plans, user needs, and upcoming technology demands.
- **Strategize:** Workshops to shape segmentation, modernization paths, automation opportunities, and SD-WAN readiness.
- **Strengthen:** Test and validate disaster recovery and continuity to ensure resilience.
- **Recommend:** Present a phased, prescriptive roadmap before any technology decisions are made.

ARCHITECTURE & DESIGN

We architect networks that are secure, scalable, and built to last.

- **Campus, WAN, and Data Center Design:** Architectures aligned to performance, segmentation, and security objectives.
- **Segmentation Strategy:** Identity-informed segmentation for users, workloads, and applications.
- **Integration Blueprints:** Documentation that connects new and existing platforms in a unified model.
- **AI-Ready Network Design:** Designs that support emerging AI workloads and telemetry requirements.
- **Operational Documentation:** Designs that reflect how your team actually works.

IMPLEMENTATION & DEPLOYMENT

We bring hands-on expertise across every technical domain to ensure a smooth rollout, reduced risk, and accelerated time to value.

- **Turnkey Campus Deployments:** Switching, Wi-Fi, assurance tools, and configuration delivered end-to-end.
- **Data Center Fabric Migrations:** ACI and EVPN-VXLAN migrations with no or minimal service disruption.
- **SD-WAN & Routing Deployment:** Rollouts across fiber, LTE, MPLS, satellite, and multi-transport topologies.
- **Automated Provisioning:** Zero-touch workflows using Catalyst Center, Meraki APIs, Ansible, Terraform.
- **Day-2 Enablement:** Training, knowledge transfer, tools alignment, and operational handoff.



Get Started

Ready to build confidence in every connection? Contact us today to schedule a consult with one of our network experts.

TALK TO AN EXPERT

info@anm.com anm.com (866) 527-8822