

AI-Driven Network Transformation for the Modern Enterprise

How Brillio helps organizations modernize networks
for resilience, agility, and intelligent operations



AI is driving transformation across the network industry, reshaping how enterprises think about connectivity, security, and performance. As demand grows for secure access, WAN and edge modernization, and software-defined data center and cloud environments, organizations need network models that are more automated, scalable, and easier to manage.

Brillio helps clients address this shift through end-to-end network capabilities spanning advisory, managed services, transformation, operations, and governance. Powered by ADAM, Brillio's network offerings combine AI-led operations, industrialized execution, and deep engineering expertise to help modernize network environments and improve operational outcomes.

The forces reshaping the network landscape

The network industry is being reshaped by a new set of enterprise requirements. Organizations need:

- secure access from anywhere
- cloud-native connectivity across environments
- high-performance collaboration
- the flexibility to support edge locations and distributed operations.

At the same time, they must modernize data center and cloud networking while keeping security, compliance, and service continuity intact.

Several trends are driving this change.

- Enterprises are moving toward Zero Trust and identity-based access, modernizing SD-access and LAN environments, and expanding Wi-Fi-first strategies to support dense, dynamic workplaces.
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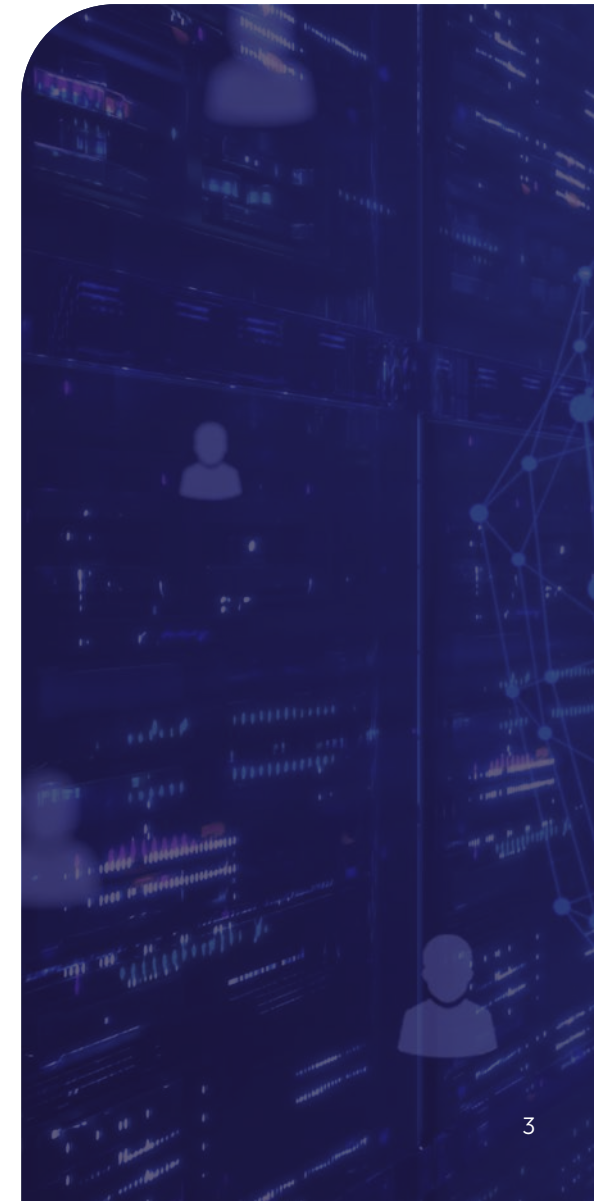
Brillio's network capability model

Brillio approaches network transformation as an end-to-end capability, not a narrow infrastructure service. The network practice is built to support clients across strategy, execution, operations, and governance, helping them move from fragmented network estates to intelligent, future-ready environments.

At the core of this approach are five connected capabilities:

- **Design, Consulting and Advisory** to align network architecture with business goals, scalability needs, and future-state technology priorities
- **Managed Network Services** spanning LAN, WAN, Wi-Fi, data center, and cloud connectivity management
- **Network Transformation** to modernize legacy environments through automation, cloud-first architecture, SD-WAN, and security-led upgrades
- **Network Operations Centre** 24x7 centralized delivery for proactive monitoring, incident response, performance monitoring, and service assurance, supported by self-heal, self-help, and AI-led platforms
- **Service Management and Governance** grounded in ITIL-based processes for incident, change, problem, availability, and configuration management

This model gives enterprises a more structured and repeatable path to modernization. Rather than treating network initiatives as isolated workstreams, Brillio brings them together into a more cohesive transformation agenda, designed to improve resilience, reduce complexity, and accelerate execution.



A service portfolio driven by ADAM

Brillio's network service offerings are increasingly shaped by AI and automation through ADAM, bringing greater intelligence and consistency into both transformation and operations. This allows the network to evolve from a manually managed infrastructure layer into a more adaptive, scalable, and resilient operating environment.

The portfolio spans six key solution areas that address both the structural modernization of the network and the operating model required to sustain it:

1 AI-driven network transformation

Brillio applies a factory-based transformation model powered by GenAI to industrialize large-scale modernization. This includes standardized templates, reference architectures, compliance-aware design patterns, wave-based rollouts, and distributed governance models that support consistent execution across regions, sites, and environments. The result is a more scalable and lower-risk approach to redesigning legacy networks.

2 Intelligent WAN and SASE

Brillio helps enterprises modernize WAN and secure access architectures through a provider-agnostic model that spans strategy, architecture, rollout planning, provisioning, and ongoing management. Capabilities include SD-WAN strategy, ZTNA and secure access modernization, centralized monitoring, application-aware visibility, and flexible commercial models that help organizations adopt software-defined connectivity without being locked into a rigid vendor path.

3 Wi-Fi-first environments

Brillio designs and deploys cloud-native WLAN environments that improve control, visibility, and operational agility across modern workplaces. With zero-touch provisioning, AI-driven performance insights, and reduced dependency on traditional cabling, the approach is designed to support hybrid work, IoT-heavy environments, dynamic user movement, and faster onboarding of new sites and users.

4 Branch in a Box

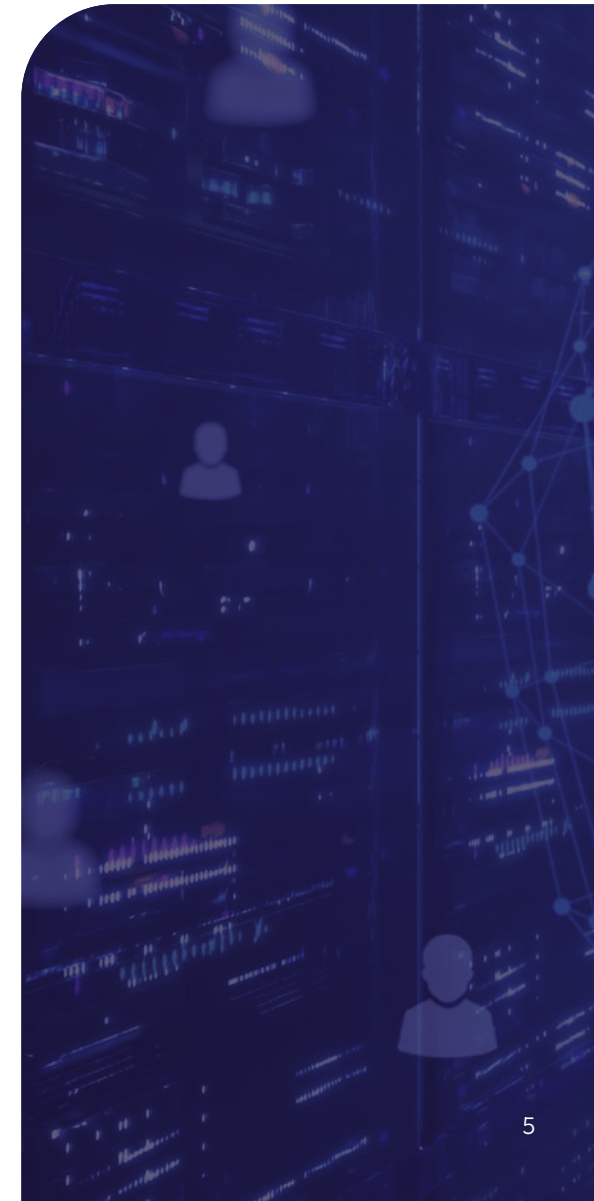
Brillio simplifies branch modernization through integrated deployment models that consolidate LAN functionality, connectivity, and security into a more unified solution. By using pre-validated designs, rapid rollout methods, and multi-vendor integration where needed, Brillio helps enterprises scale branch expansion with greater consistency, improved security posture, and lower deployment complexity.

5 Software-defined data center and cloud

Brillio helps clients modernize toward programmable, policy-driven infrastructure across data center and cloud environments. This includes software-defined multi-tenant data centers, hybrid and multi-cloud migration, and policy-driven automation with zero-touch provisioning and centralized governance. Combined with integrated service management and flexible as-a-service delivery, this approach helps improve workload mobility and support more scalable, consistent infrastructure operations.

6 AI-led network operations

Brillio brings intelligence into network operations through AI-assisted root-cause analysis, self-healing automation, unified visibility across network, cloud, and data center environments, and standardized NOC delivery. This helps organizations accelerate MTTR by 30–35%, reduce TCO by 40% by eliminating manual-heavy operations, improve service assurance, and move from reactive operations to a more resilient operating model.



Technology depth that supports execution

Strong strategy and service design are effective if they are backed by the right operational tooling. Brillio's experience across the network technology stack reflects that execution focus, helping clients move from fragmented operations to a more integrated and scalable network model.

Brillio's capabilities cover the core layers required to monitor, manage, secure, and optimize modern network environments:

- **Network monitoring** – Delivers 24x7 visibility into device health, performance, and availability, helping teams maintain service continuity and identify issues earlier.
- **Event correlation and AIOps** – Reduces operational noise by correlating alerts and accelerating root-cause analysis, enabling faster and more focused incident response.
- **Configuration and compliance management** – Automates configuration backup, compliance checks, and drift detection to improve control and reduce manual oversight.
- **Network discovery and inventory** – Auto-discovers devices, maps topology, and feeds the CMDB, creating stronger visibility across distributed environments.
- **Log management and security visibility** – Aggregates syslogs, firewall logs, and security events to support monitoring, analysis, and stronger operational awareness.
- **SD-WAN and WAN optimization** – Enables centralized management across distributed WAN environments, helping improve consistency, visibility, and performance.
- **Automation and orchestration** – Accelerates zero-touch provisioning and network change execution, reducing manual effort and supporting more scalable operations.

This breadth allows Brillio to support enterprises with an operating model that is integrated, tool-aware, and built for scale. It also strengthens continuous visibility across device health, compliance, topology, and change activity, helping organizations reduce noise, accelerate issue resolution, and sustain more automated network operations over time.

Proof through outcomes

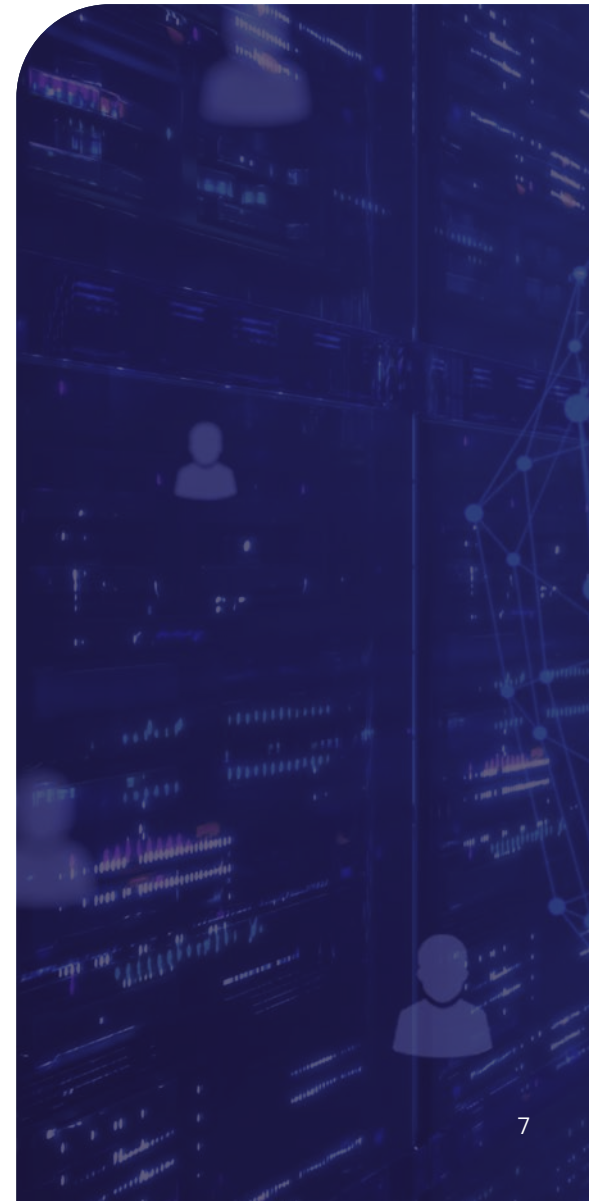
Brillio's network capabilities are best understood through the outcomes they deliver in real enterprise environments. Across infrastructure modernization, lifecycle transformation, and automation-led operations, Brillio has helped clients reduce outages, improve change performance, lower cost, strengthen security, and bring greater consistency to large-scale network estates.

Modernizing global network infrastructure and security for a large industrial enterprise

Brillio helped a globally distributed industrial client transform its network and security landscape by replacing manual monitoring with an integrated SolarWinds and ServiceNow automation model, modernizing data centers through cloud migration, and upgrading core network components across SD-WAN, LAN, security, and Azure architecture. The engagement also introduced automated failover, standardized infrastructure, and Zscaler-based cloud security, helping reduce service outages by 80% and deliver 60% annual TCO savings.

Stabilizing & standardizing network operations for a fast-growing logistics enterprise

To support a rapidly expanding warehouse footprint, Brillio partnered with a global logistics client to drive a full network transformation that stabilized and modernized the IT foundation across new and existing sites. The work included large-scale tech refreshes, network design for M&A environments, automated operational workflows, and streamlined change management across SD-WAN, wireless, switching, firewalls, and application delivery.



The result was:

- **20%** reduction in MTTR for changes
- **65%** reduction in vulnerabilities
- **100%** standardization across network devices.

Transforming lifecycle management for a global financial services institution

Brillio modernized a complex, non-scalable network environment for a leading financial institution by addressing capacity constraints, security gaps, outdated systems, and lifecycle challenges. The program enabled smooth cloud and data center migrations, introduced automation through Ansible and Tufin, and established 24x7 Tier-4 support for life cycle management. By streamlining the architecture and reducing operational overhead, Brillio helped the client achieve:

- **25%** improvement in workforce efficiency through automation
- **40%** savings in TCO and a 100% change success rate.

Accelerating provisioning and service efficiency for a telecommunications leader

Brillio worked with a major telecommunications provider to improve scalability and operational efficiency by co-creating an industry-first Virtual Network Services Platform. The solution introduced an intuitive Blueprint Designer, unified network health monitoring, modernized infrastructure built on open-source and microservices, and automated end-to-end workflows and license management. This helped:

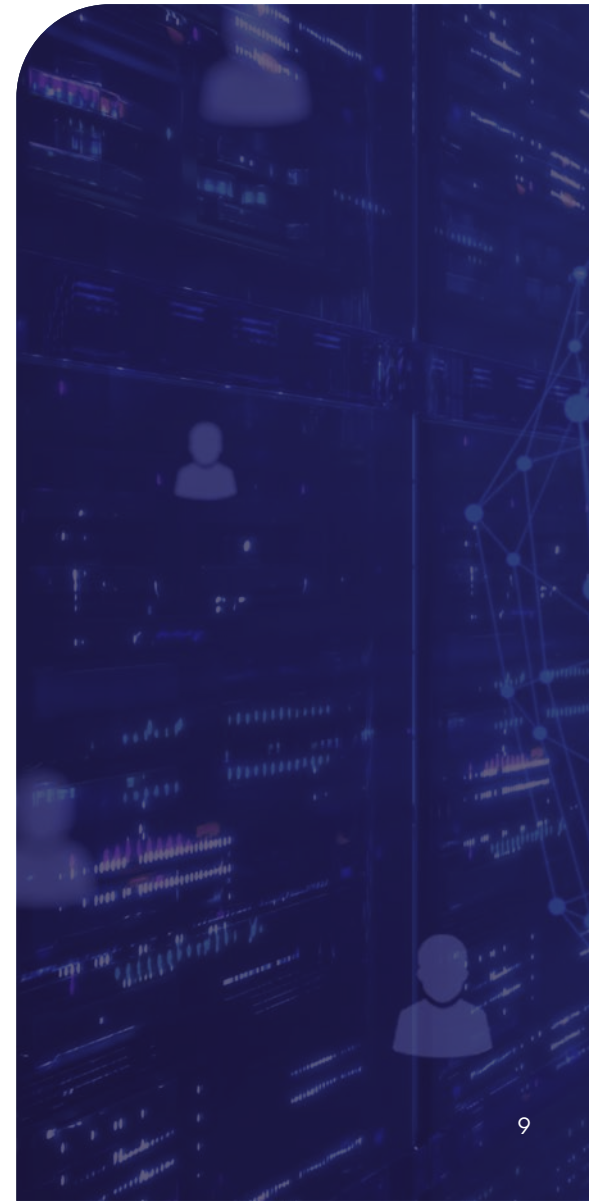
- reduce provisioning fallout by **60%** through zero-touch automation
- enabled **~17,000** self-service activations across private IP, Ethernet, and cloud services.

From Network Complexity to Intelligent Operations

As enterprise environments become more distributed, digital, and AI-intensive, the network can no longer be treated as background infrastructure. It must become a more intelligent, secure, and adaptive business enabler.

This kind of shift cannot be delivered through technology refresh alone. It requires a partner that understands how to modernize the architecture, improve the operating model, and translate automation into tangible results. Brillio brings that combination together through deep network expertise, AI-led delivery, scalable service models, and a practical approach to governance and execution.

The result is a network that is not only modernized for today's demands but built to support what comes next.



About Brillio

Brillio is a digital technology services company that drives AI-first engineering and design-led experiences for global enterprises. Born digital in 2014, its consulting-led services span Customer Experience, Data & AI, Product Engineering, and Digital Infrastructure. With an industry-leading NPS of 71, Brillio accelerates time to market through its proprietary BrillioOne.ai platform, powered by AI-ready talent with deep domain expertise.

Brillio is the official Digital Transformation Partner and the official Data and AI Services Provider of Atlassian Williams Racing. Brillio partners with leading technology providers including Microsoft, AWS, Google Cloud, Salesforce, Adobe, Databricks, and Snowflake and operates with 6,000+ “Brillians” across 15 global delivery centers. Consistently recognized as a Great Place to Work® since 2021, Brillio blends innovation, talent, and purpose to deliver measurable outcomes for clients and fulfilling careers for employees.



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