

Enable Secure AI-Driven Network-as-a-Service

Modernize Enterprise Networking with Scalable, Secure and Autonomous NaaS

Future-Ready Secure NaaS for Modern Enterprises

Enterprise networks are becoming increasingly complex to manage, secure, and scale across campuses, branches, and hybrid work environments. Organizations require modern networking solutions that simplify operations, improve security, and deliver predictable performance while reducing operational overhead.

Black Box helps enterprises design, deploy, and manage secure Network-as-a-Service (NaaS) environments powered by **Nile**, enabling organizations to modernize network infrastructure through AI-driven operations, Zero Trust security, and cloud-delivered services.

Key Services Offered

Black Box delivers end-to-end NaaS solutions that combine secure enterprise networking, lifecycle management, automation, and managed operations to help organizations accelerate digital transformation while improving agility, scalability, and operational efficiency.



Campus Networking & Connectivity Solutions

Secure enterprise networking enabling seamless connectivity across campuses, branches, and hybrid work environments.

- Campus Wired and wireless LAN infrastructure
- Wi-Fi 6/6E deployment
- Branch and campus connectivity
- SD-WAN integration
- High-availability architecture



Native Identity & Segment-of-One Security

Device-level isolation blocks lateral threats and ransomware exposure without complex VLAN management overhead.

- Hardware-level device isolation
- Identity built into the network fabric
- Elimination of legacy NAC complexity
- Dynamic policy enforcement
- Secure onboarding for users and devices



Strengthen Autonomous Network Operations

AI-driven Ops reduce IT workload through monitoring, predictive analytics, and automated remediation across network Ops.

- AI-driven monitoring and analytics
- Predictive issue detection
- Automated troubleshooting
- Lifecycle automation
- Operational simplification



Managed Network Services

End-to-end managed network services enabling proactive monitoring, optimization, and lifecycle support.

- 24x7 monitoring and support
- SLA-driven managed services
- Multi-site operations support
- Incident management
- Network optimization services



Utility-Based Network Consumption

Transform networking from a capital expense into a predictable utility model with financially backed performance guarantees and zero upfront infrastructure investment.

- Consumption-based pricing
- No upfront hardware investment
- Financially backed SLA guarantees
- Simplified lifecycle management
- Continuous technology refresh

Enabling Enterprise Network Transformation

Black Box enables enterprises to modernize and simplify network infrastructure through secure, AI-driven Network-as-a-Service solutions.



**Legacy Network
Infrastructure**



**Secure Connected
Enterprise**



**Autonomous
Operations**



**AI-Driven
Digital Workspace**

Outcomes

Black Box enables global enterprises to build secure, scalable, and future-ready networking environments through integrated NaaS solutions and managed services.

- **Eliminate Lateral Movement Risk**
- **Reduce NAC and VLAN Complexity**
- **Shift Network Risk to the Service Provider**
- **Accelerate Deployment and Expansion**
- **Improve Operational Efficiency**
- **Predictable OpEx Consumption**

Why Black Box for NaaS?

Black Box combines global integration expertise with **Nile's** cloud-native Secure NaaS architecture to help enterprises eliminate network complexity, reduce cyber risk, and shift infrastructure consumption to a fully managed utility model.

- **Architectural Differentiation**
Delivering secure digital infrastructure solutions across global enterprise environments.
- **Native Identity-Driven Security**
Eliminating dependence on external NAC appliances through identity embedded directly into the network fabric.
- **Consumption-Based Networking**
Helping enterprises transition from capital-intensive refresh cycles to predictable utility-based networking services.
- **Operational Simplification**
Reducing operational burden through AI-driven autonomous operations and lifecycle automation.
- **End-to-End Enterprise Delivery**
One trusted partner for assessment, deployment, migration, support, and ongoing managed operations.

Powered by Nile

Black Box's Secure NaaS offering is powered by **Nile's** cloud-native networking platform featuring Segment-of-One isolation, native identity-based security, autonomous operations, and financially backed performance guarantees.



Get in Touch

Modernize Your Enterprise Network

For more information about Black Box Secure NaaS solutions powered by **Nile**, visit blackbox.com.

Black Box is a global leader in digital infrastructure solutions, delivering network and system integration, managed services, and technology products to Fortune 100 and top global enterprises. With a presence across the United States, Europe, India, Asia Pacific, the Middle East, and Latin America, Black Box serves businesses across financial services, technology, healthcare, retail, public services, and manufacturing.