

Digital Network Architecture

The Network. Intuitive.

Digital Network Architecture is "intent-based networking" and is laying the foundation for the network of today's world, and tomorrow's. This new network is focused on business outcomes and how quickly and efficiently businesses achieve these outcomes. It removes the complexity of the traditional, time-intensive manual approach, introducing one that is automated, intelligent, and highly secure. With an automated network, you can connect billions of devices, identify them almost instantly, know what's trustworthy and what isn't, and draw exponential value from the connections – and you can do it in hours instead of weeks and months.

The new network:

- Interprets who, what, when, where, and how
- Automatically translates intentions into the right network configuration
- Continually learns from and turns data into actionable, predictable insights



17%

faster delivery of
new applications



28%

more-efficient
network staff



42%

faster WAN and
branch deployments



402%

5-year ROI


Benefits



Network automation: fully automate the network infrastructure with Software-Defined Access, and can easily set and apply policies across the entire network.



Advanced analytics: device, application, and user data is collected by the network allowing customers to predict issues before they happen through predictive intelligence.



Data security: newly developed Encrypted Traffic Analytics (ETA) is a self-protecting network that can identify encrypted malware anywhere on the network.



Software-based subscription licensing: purchase only what you need and can now leverage flexible network consumption.

Solving Today's Challenges

Security: embedded security starts at the edge and extends to the core and WAN of your network, providing visibility, control, and automation for today's businesses

Mobility: provide a consistent user experience across wired and wireless enterprise networks and securely bring users, devices, and applications to the network quickly and securely

IoT: leverage policy-based automation from the edge to the cloud, while simplifying and scaling operations

Visibility: reduce troubleshooting time and improve network service levels with correlated network insights and applied machine learning

Cloud: quickly and securely scale the network into the cloud, and leverage visibility to and protection from Internet threats anywhere