

THE NETWORK. INTUITIVE.

5 innovations for the new era of networking

Expert engineers at Cisco are challenging norms and looking for ways to revolutionize the network. See five of the most important ways these innovations are changing your relationship with your network. The new network is constantly learning, constantly adapting, constantly protecting.



1 Automation makes QoS painless.

No one likes configuring quality of service. Cisco® Digital Network Architecture (DNA) Center and EasyQoS automate the process so it takes minutes instead of days. Now the network can automatically put priority traffic in the fast lane.

Machines can configure machines across LAN, WAN, and even WLAN. Now you can implement QoS in as little as 250 ms.

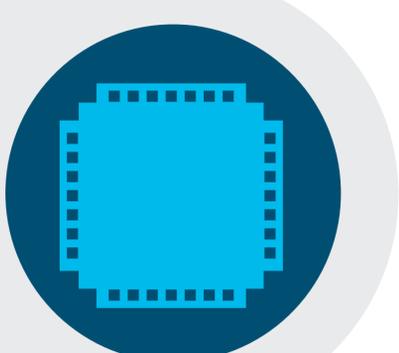
[See how Cisco DNA Center simplifies network management >](#)

2 Protect against hidden threats—even in encrypted traffic.

Cisco Enterprise Network Security with Encrypted Traffic Analytics (ETA) offers wide, deep visibility and learns to spot anomalies that could signal an incoming threat. Even more, you can finally spot threats in encrypted traffic without decrypting it.

By looking broad and deep and accurately identifying threats and stress points in real-time, you can deliver the protection and performance your organization needs.

[Learn more about Enterprise Network Security >](#)



3 Programmable ASICs are the antiaging treatment for your network.

Upgrading traditional networks usually means swapping out expensive infrastructure. But what if your hardware had the flexibility of software to stay younger longer?

Programmable ASICs in our next-generation networking infrastructure make it possible. Enabling cloud, mobility, IoT, and security, it's the most open, programmable infrastructure available. It gives you the flexibility to address changes and requirements you cannot anticipate yet.

[Learn more about Cisco Catalyst® 9000 Series Switching Portfolio >](#)

4 Secure the IoT with end-to-end segmentation.

Segmenting the growing number of connected devices can be complicated and risky. By decoupling identity from location, the network can secure users, devices, and applications with identity-based policy, no matter where they are or how they're connected.

It's the end of carving out VLANs, IP subnetting, and painful ACL configurations. Now it's time for point-and-click safety for users, apps, and even Zero Trust devices.

Now you can specify segmentation by expressing intent while the network takes care of segmentation automatically.

[Learn more about Software-Defined Access >](#)



5 A software-delivered platform enables high-speed innovation.

Traditional network architectures won't be able to support the business needs of the future. The new network is built on Cisco DNA™, a software-driven platform that enables innovation at the speed of software.

Cisco is redefining the network's role, and it will transform the way IT and businesses perceive it. Constantly learning. Constantly adapting. Constantly protecting. So you can spend less time and budget on maintenance and more on innovation.

[Explore the advantages of Cisco DNA >](#)

Take a closer look at these innovations in our video series *New Frontiers: IT Innovations in 5 Minutes.*

[Watch the series](#)