



# Cisco DNA Center

## Automate the management of your network using deep insight and rich context. The Network. Intuitive.

Digitization is fueled by major technology trends: mobility, the Internet of Things, and cloud computing. To capture the opportunity, you need to adapt constantly. You need real-time insights and personalized experiences, automation and assurance, security and compliance. You need a network that is constantly learning. Constantly adapting. Constantly protecting. Introducing an entirely new era of networking. The Network. Intuitive. Cisco DNA™ Center is a complete software-based network automation and assurance solution and is the dashboard for control and management of Cisco's intent-based networking system: Cisco DNA. Cisco DNA Center addresses the demands of digitization, cloud, IoT, and mobility by eliminating IT complexity and protecting against cybersecurity threats, while allowing an IT organization to align the network with business intent by unifying policy, automation, and assurance with integrated security.

## Benefits

- **Simplify network management.** Manage your enterprise network over a centralized dashboard.
- **Deploy networks in minutes, not days.** Using intuitive workflows, Cisco DNA Center makes it easy to design, provision, and apply policy across your network.
- **Lower costs.** Policy-driven provisioning and guided remediation increase network uptime and reduce time spent managing simple network operations.
- **Predict problems before they happen.** Analytics and Assurance use network insights to optimize network performance and deliver the best user and application experience.

## A complete platform

The Cisco DNA Center dashboard provides an intuitive and simple overview of network health and clear drill-down menus for quickly identifying and remediating issues.

The network design interface allows quick creation of physical maps and logical views of all network deployment locations.

Automation and orchestration provide zero-touch provisioning based on profiles facilitating remote branch network deployment.

Advanced assurance and analytics capabilities use deep insights from devices, streaming telemetry, and rich context to deliver an uncompromised experience while proactively monitoring, troubleshooting, and optimizing your wired and wireless network.

## Cisco Services

[Cisco DNA Center Advise and Implement Service](#) helps ensure rapid deployment of Cisco DNA Center for simplified control of wired and wireless environments with security built in. Taking an architectural approach to policy automation and network assurance, Cisco experts work with your IT staff to develop a business strategy and use case requirements for Cisco DNA Center.

## What Cisco DNA Center enables you to do

Save time by using a single dashboard to manage and automate your network. Quickly scale your business with intuitive workflows and reusable templates. Configure and provision thousands of network devices across your enterprise in minutes, not hours. Deploy group-based secure access and network segmentation based on business needs. With Cisco DNA Center, you apply policy to users and applications instead of to your network devices. Automation reduces manual operations and the costs associated with human errors, resulting in more uptime and improved security. Assurance then assesses the network and uses context to turn data into intelligence, making sure that changes in the network device policies achieve your intent.

Monitor, identify, and react in real time to changing network and wireless conditions. Cisco DNA Center uses your network's

wired and wireless devices to create sensors everywhere, providing real-time feedback based on actual network conditions. Cisco's Assurance engine correlates network sensor insights with streaming telemetry and compares this with the current context of these data sources. With a quick check of the health scores on the Cisco DNA Center dashboard, you can see where there is a performance issue and identify the most likely cause. Cisco gives you remediation options based on 30 years of network and wireless expertise. Even when things are running right, Cisco DNA Center provides insights about where there may be performance or capacity degradation in the future. As a result, you can mitigate problems before they affect your network. Cisco DNA Center allows you to run the network with maximum performance and uncompromising reliability.

## Learn more

To learn more about Cisco DNA Center and how it can help to accelerate your digital transformation, visit <http://www.cisco.com/go/dnacenter>.