



# Cisco DNA Center

## Simplify management and streamline network operations with an intelligent intent-based network controller.

The need for secure, zero-trust networking is growing as campus networks become more distributed and offsite IT teams become the norm. Cisco DNA Center is a powerful network controller and management dashboard that lets you take charge of your network, optimize your Cisco investment, secure your remote workforce, and lower your IT spending. Full automation capabilities for provisioning and change management are enhanced with AI/ML enhanced analytics that pull streaming telemetry from everywhere in the network. Applications, services, and users are prioritized based on business goals, within policy parameters and security best-practices. Shortcomings in network, application, or device performance are flagged, and instant remediation guidance saves hours of IT troubleshooting. Machine reasoning automates complex networking tasks with the click of a button, to enable your newer administrators and save time for your seasoned engineers. This interconnection of automation and assurance forms a continuous validation-and-verification loop, checking alignment of network operation with business intent. Through open APIs and SDKs, third-party technologies can be run on top of Cisco DNA Center and benefit from its powerful network visibility. This new Cisco DNA Center is an open, extensible platform for streamlining IT workflows and greater business innovation.

## Benefits

- **Secure access from anywhere:** Facilitate distributed networks and secure your remote workforce with zero-trust policies and dynamic segmentation of endpoints based on business requirements
- **Simplify management:** Policy-driven provisioning, guided remediation, and machine reasoning increase network uptime and reduce time spent managing network operations
- **Ensure network and application performance:** AI/ML network insights reduce time spent managing network operations and improve user experience
- **Facilitate offsite IT teams:** Optimized for remote access, a clean, organized dashboard with single-button workflows makes remote management easy

## Learn more

To learn more about Cisco DNA Center and how it can help to accelerate your digital transformation, read the [Cisco DNA Center solution overview](#) and visit <https://www.cisco.com/go/dnacenter>.

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## What Cisco DNA Center enables you to do

**NetOps:** 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. Empower your newer staff with machine reasoning to perform complex tasks with the click of a button.

**SecOps:** Full featured zero-trust capabilities will identify and classify endpoints and users, assign granular access policies, and deploy group-based secure access and network segmentation customized for your 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.

**AIOps:** Leverage AI/ML to 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. The Cisco DNA 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 in minutes.

**DevOps:** With the Cisco DNA Center platform, IT can integrate Cisco® solutions and third-party technologies into a single network operation for streamlining IT workflows and increasing business value and innovation. Cisco DNA Center allows you to run the network with open interfaces with IT and business applications, integrates across IT operations and technology domains, and can manage heterogeneous network devices.

## Cisco Services

Accelerate your intent-based networking journey with [Cisco services for enterprise networks](#). Our lifecycle of advisory, implementation, software integration, optimization, managed, technical, and IT training services help you migrate with ease and confidence. [Cisco DNA Center Advise and Implement](#) services help ensure rapid and secure deployment of Cisco DNA Center for simplified control of wired and wireless environments. By extending Cisco DNA Center platform capabilities and using an architectural approach to policy automation and assurance, this service helps you manage, scale, and securely integrate Cisco DNA Center with IT and business systems.