

Cisco DNA Center

Simplify management and streamline network operations

Cisco DNA Center is a powerful management system that leverages Artificial Intelligence (AI) to connect, secure, and automate network operations. Cisco DNA Center simplifies management of Cisco® Catalyst® network infrastructure and ensures a consistent user experience across wired and wireless networks. It delivers enterprise-scale, secure, seamless, and reliable connectivity among users, applications, and things.

What it does

Simplify operations:

Cisco DNA Center simplifies network management by automating routine operations, predicting potential problems, and accelerating issue resolution. It automates discovery of network devices and simplifies provisioning using plug and play, zero-touch provisioning. In addition, Cisco DNA Center reduces human error and enables compliance by translating

policies into configurations and applying them uniformly across the network. Automated software image management eliminates the manual effort involved in keeping device software up to date. Predictive analytics identify potential issues before they become problems. Should issues occur, Cisco DNA Center enables quicker troubleshooting and resolution, thanks to machine learning and Cisco's vast networking expertise.

Improve user experiences:

Cisco DNA Center provides deeper insights into user experiences. Network engineers visualize Wi-Fi spatial coverage across floors and walls of a building in 3D, to optimize coverage and deliver services where they are needed. Cisco DNA Center uses AI to fine tune Wi-Fi performance and coverage based on actual usage. It improves hybrid work experiences by providing deep insights into collaboration applications such as Webex® by Cisco and Microsoft Teams. Furthermore, Cisco DNA Center enables faster remediation of end-user device issues, thanks to Cisco's deep technology partnerships with Apple, Samsung, and Intel.

Benefits

- **Simplify operations** and reduce operational costs by leveraging AI and automating network operations
- **Improve user experiences** with deep insights into business-critical applications and client health
- **Accelerate digital agility** through business process automation using Cisco and third-party ecosystem
- **Secure the digital enterprise** with intuitive security policy management, AI-enabled enforcement, and automated compliance checks
- **Drive sustainability** by enabling smart buildings and optimizing Power over Ethernet (PoE) infrastructure

Learn more

To learn more about Cisco DNA Center and how it simplifies network management, visit the Cisco DNA Center web page: <https://www.cisco.com/go/dnacenter>.

Accelerate digital agility:

Cisco DNA Center accelerates digital agility using its extensive Cisco and third-party ecosystem to automate and streamline IT processes. Integration with ServiceNow ITSM automates incident management and streamlines problem and change management processes. The integrated PagerDuty system accelerates incident response, resulting in improved service availability. Together with Cisco ThousandEyes®, Cisco DNA Center extends visibility into the internet and delivers better digital experiences for users. Other Cisco and third-party ecosystem solutions contribute to further improvements in operational efficiency.

Secure the digital enterprise:

Cisco DNA Center improves security posture of the network by shrinking the attack surface, eliminating vulnerabilities, and employing zero-trust principles for network access. Granular segmentation of the network facilitated by intuitive group-based policies helps reduce the attack surface. AI-assisted automation

of the identification, profiling, and grouping of IT and OT endpoints eliminates associated complexity. Cisco DNA Center secures the network from compromised endpoints by identifying anomalous behavior and automating the quarantine process. It helps eliminate security vulnerabilities and ensure compliance by automating software, configuration, and policy-compliance verification. Additionally, the integrated Cisco security suite minimizes exposure to security threats and accelerates resolution when issues occur.

Drive sustainability:

Cisco DNA Center enables smart buildings by connecting, securing, and managing IoT devices and sensors. It provides insights into PoE capacity and power consumption to help optimize PoE infrastructure and drive power savings. Cisco DNA Center helps reduce power consumption of Access Points (APs) by up to 20 percent with central administration of AP power profiles and calendars. In addition, Wi-Fi 6/6E planning tools assist with upgrades to more efficient Wi-Fi technologies.