Cisco Catalyst Center



Simplify, assure, and secure network operations

Cisco® Catalyst® Center helps you design, deploy, manage, and secure campus and branch networks at scale. From a centralized dashboard, IT teams can automate and manage wired and wireless networks and deliver reliable connectivity for users, applications, and devices.

Catalyst Center supports Cisco's AgenticOps approach: using AI, automation, and purpose-built agents to help teams understand network conditions and take action, with IT teams retaining oversight.

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Benefits

- **Simplify and standardize operations at scale:** automate scheduled discovery and software image management, plus standardize device and port configurations across sites
- **Accelerate troubleshooting with Assurance and AgenticOps:** use AI-powered analysis, including AI PCAP for wireless client onboarding issues
- **Strengthen security and governance across the network:** apply site-based access, rule-based compliance, and security traffic controls

Simplify operations at scale

Cisco Catalyst Center lets you automate routine network lifecycle work across sites, from discovery and provisioning to software image management and backup and restore. You can:

- Standardize device configurations with cloning and port profiles, plus speed wireless deployments with reusable controller profiles and AP priming
- Connect workflows through APIs, event notifications, and ITSM integrations
- Choose supported physical or virtual deployments, including Cisco Catalyst Center DN4 appliances and Ubuntu KVM

Accelerate troubleshooting with Assurance and AgenticOps

Correlate network, device, client, and application health to pinpoint issues, speed troubleshooting, and improve wired and wireless performance. You'll be able to:

- Use Cisco AI Assistant to ask questions about network health and issues, and get contextual insights, troubleshooting guidance, and recommended actions
- Leverage AI-RRM to analyze wireless conditions and usage patterns to tune Wi-Fi performance and coverage. AI PCAP Analysis helps troubleshoot wireless client onboarding failures.
- Visualize coverage in 3D views, locate rogue APs, and review client roam events.

Strengthen security across the network

Cisco Catalyst Center lets you apply consistent access, configuration, and traffic controls across sites and the network fabric. Your teams can:

- Scope permissions by site and check configurations against custom compliance rules
- Manage segmentation and allowed VLANs, plus steer selected SD-Access traffic through security services
- Use Cisco Live Protect to mitigate supported vulnerabilities and automate PQC (post-quantum cryptography) configuration on supported Cisco IOS® XE devices

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Support smarter, more sustainable buildings

Understand energy consumption, cost, and carbon trends across the network with the Energy Management dashboard. Cisco Power over Ethernet insights can help optimize power use, while connected device management supports smart building initiatives.



Learn more

- Explore Cisco Catalyst Center
- View datasheets and deployment options
- Review release notes
- Check device and software compatibility

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