

# Cisco C9000 Smart Switches

The evolution of the network foundation for the future-proof workplace and the next chapter in the One Cisco story.

- **Unified hardware** – Customers can choose to manage their networks from the cloud, on-premises, or via a hybrid approach using the same hardware and simplified SKU structure, with no variations based on management mode.
- **Unified software** – Multi-mode Cisco IOS® XE enables all management modes with common licensing tiers (Advantage and Essentials) for on-premises, cloud and hybrid deployments.
- **Unified support** – Consistent and reliable product support for both hardware and software is included with the unified licenses.

With Cisco® C9000 Smart Switches you can:

**Transform the network for a future-proof workplace** with a powerful platform that provides the broadest range of bandwidth, speed, scale, and power required for today's more immersive, AI Enterprise, big and small.

**Enable workplaces that deliver outcomes for everyone**

A future-proof workplace has the agility to support the evolving needs of modern work while being resilient enough to adapt to an unknown future. It is where amazing experiences become the norm, not the exception. Offices become magnets, not just mandates. Technology becomes integrated and

extensible, not rip and replace. Collaboration happens everywhere, not just in person. And security is infused from the start, not as an afterthought.

This is exactly what the Cisco C9000 family of access and core smart switches delivers.

Secure the network from inside to outside by leveraging enhanced onboard computational power and advanced AI/ML to apply continuous zero-trust security anywhere it's needed.

**Future-proof design so IT can work smarter, not harder**, with converged switching and routing capabilities, enhanced app hosting, and more config automations for a smarter, more sustainable, and more agile campus and branch.

## Feature overview

### Cisco C9000 Smart Switches:

- **Automate on-premises, cloud, and hybrid deployments** with APIs and AI-certified turnkey apps that can improve operational efficiency, secure business operations, and troubleshoot and respond faster with AI-powered incident response, including anomaly detection and automated reporting.
- **Deliver IoT convergence** with industry-leading scale and capabilities such as service discovery and “Thing” classification.
- Are based on the latest **Cisco Silicon One™** Application-Specific Integrated Circuit (ASIC) technology that has been optimized to power the AI Enterprise with programmable pipeline and tables that help ensure platform longevity.
- Run a modern operating system, **Cisco IOS XE**, that supports model-driven programmability, streaming telemetry, patching, and **on-premises and cloud management options natively**.
- Use enhanced **X86-based multicore CPUs** and optional local Solid-State Disk (SSD) storage for third-party container-based application hosting, include **Docker, ThousandEyes®, Cisco Spaces, Adaptive Security Appliance container (ASAc), and Cisco Hypershield™ readiness**.
- Provide **unprecedented Application Visibility and Control (AVC)** with Network-Based Application Recognition (NBAR) Version 2.

The Cisco C9000 Smart Switching portfolio will continue to expand and combined with the Catalyst portfolio, will meet the evolving needs of your network, offering **upgrade options for every Cisco Catalyst™ switch** series—the Catalyst 2000, 3000, 4000, and 6000 level platforms.

## Workplaces that deliver outcomes for everyone

The network is the backbone of modern workplaces, powering seamless experiences across all environments. Cisco C9350 Series Smart Switches and Cisco C9610 Series Smart Switches help ensure that every device connects to your network with unparalleled ease, manageability, and reliability. All with embedded security and assurance to keep everything across your network up and running. Cisco stands alone in delivering a networking solution that integrates security, assurance, and intelligence across the entire network spectrum, from campuses to branches to data centers and beyond.

The new Cisco C9350 Series Smart Switches provide choice and flexibility to meet the diverse needs of your environment – on-premises, in the cloud or hybrid – from simpler plug-and-play options to powerful, highly customizable networking solutions including support for Cisco Spaces, ThousandEyes, and Hypershield security. They are an ideal replacement for end-of-sale Catalyst 3850 models and current Catalyst 9300 1G U/P/T and 48HX/TX models.

Cisco C9610 Series Smart Switches take the core of the future-proof workplace to the next level in terms of high availability, performance, and density. This new modular core switching platform offers a pathway to cloud, on-premises, or air-gapped core deployments with the same hardware. They are a primary Catalyst 6500/6800 refresh upgrade option.

## Next steps

### How to buy

To view buying options and speak with a Cisco sales representative, visit [www.cisco.com/c/en/us/buy](https://www.cisco.com/c/en/us/buy).

<https://www.cisco.com/c/en/us/products/collateral/networking/software/networking-subscription-ds.html>.

<https://www.cisco.com/site/us/en/products/networking/software/index.html>.

## Service components

- **Meet the impact of AI workloads** on campus and branch with network infrastructure built for the AI Enterprise, with AI
- **Shield the network** from the security risk that the proliferation of IoT devices creates, with security fused into the entire fabric of the network
- **Reduce operating cost** as we evolve to a full AI Enterprise that is self-configuring, self-learning, and self-healing
- Help **ease the pressures of increasing energy costs** and demanding Environmental, Social, and Governance (ESG) goals with a sustainably built, energy efficient, and AI-optimized network

Create a future-proof workplace with smart building technology, with full 90W PoE and Multigigabit for Wi-Fi 7 and IoT, IEEE1588/AVB, ENERGY STAR certification, and SmartPower including Auto-Off and Hibernation modes.

## Why Cisco Services?

### Cisco services

Successfully deploy, manage, and support Cisco C9000 Smart Switch family with a full lifecycle of services, including implementation, optimization, technical, managed, and training services. Our team of experts can help you speed deployment, reduce costs, and minimize risk as you introduce new hardware, software, and protocols into the network. [Learn more.](#)