

**Datasheet**

# Campus & Branch Networks

Logicalis supports your network journey with more agile, automated, resilient—and cloud-managed—wired and wireless networks that enable readiness for WiFi 6/6E and other future standards.

## Overview

Today's customers demand greater agility and richer online experiences. And employees demand greater mobility in where they work, whether from campus, branch, or home offices.

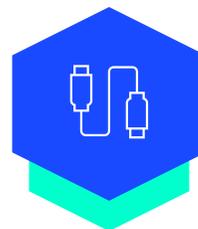
Add the latest in data-intensive applications—AI- and cloud-powered applications that enable modern workplaces, such as streaming video, teleconferencing, IoT, and others—and increasingly sophisticated security risks, and efficient network management may only be a pipe dream. For today.

Fast-changing business conditions demand that organizations' wired and wireless networks deliver more than just connectivity. They must deliver intelligent insights that enable their IT teams to dynamically operate, optimize, and manage increasingly complex networks and smart experiences that enable their constituencies to connect in a whole new world.

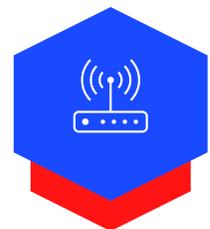
Logicalis can support your network journey with more agile, automated, resilient—and cloud-managed—wired and wireless networks that enable readiness for WiFi 6/6E and other standards. With the right network driving your business, you'll reach your digital transformation goals faster, reduce IT costs, improve secure access, and enable richer experiences for your customers and employees.

## Marrying wired and wireless networks

Traditionally, wired and wireless networks were kept separate—separate operating systems, separate management, and separate security. But change is afoot.

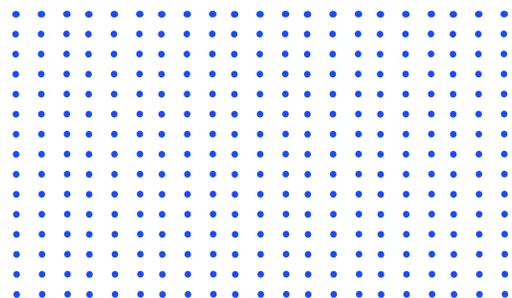


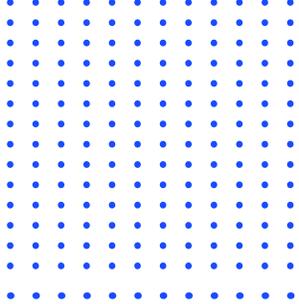
wired



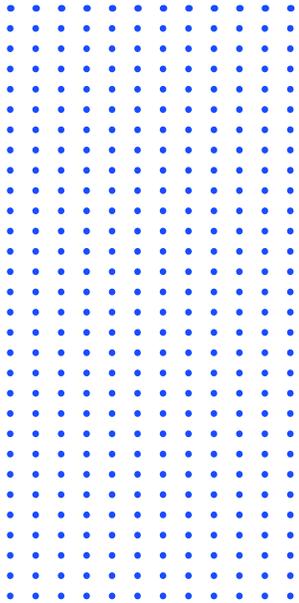
wireless

Cisco's fixed, modular, and compact enterprise access, aggregation and core switching platform is built to transform your network to breezily handle a world where work is anywhere, endpoints are anything, and applications are hosted everywhere. This future-forward switch portfolio helps you reimagine your network, reinforce security, and redefine the customer and employee experience.





For every dollar spent on network equipment, organizations spend \$3 on network operations and management<sup>1</sup>



## Tame your distributed network

Combining wired and wireless enables you to edge toward cloud management for full visibility into your access networks.

- **One operating system** – Combine wired and wireless switches on a modern, modular, and programmable operating system and reduce the time spent managing and securing two separate operating systems.
- **Lower IT costs** – Eliminate the management and security of two operating systems, enabling your IT team to deploy services faster, provide one seamless user experience, and certify one release instead of two.
- **Consistent global security** – Deploy consistent policy-based segmentation across all connected wired and wireless devices, securing users, applications, and things—and protecting against attacks in encrypted traffic coming from the access layer.
- **Ability to change, scale, grow** – Support users wherever they're working with faster performance, scale your network on demand, and enjoy continuous zero-trust security with a robust set of open, standards-based, programmable APIs.

And, with cloud monitoring, you can now connect to your access networks from anywhere, see the flow of traffic, and quickly diagnose where clients may be having issues. You'll also have deep insight into your network topology—every connected client and port-level configuration—with detailed traffic inspection and simple remote troubleshooting tools so you can quickly identify, isolate, and resolve issues. It's a powerful way to streamline—and scale—your operations.

## Up the ante with cloud-managed switches

Simplify campus and branch switching and meet the demands of next-generation wired and wireless networks with cloud-managed access and aggregation switches. These switches offer built-in monitoring, troubleshooting, and logging capabilities with the robust power and flexibility found in enterprise-class switches.

Connect and configure cloud-managed switches in minutes and get deep visibility into your network with detailed network topology views—and free your IT team to focus on more strategic business-critical initiatives.

- **Make changes fast** – Make changes quickly and securely on one or all switches at once—without the need for configuration scripts and commands.
- **Enforce security in minutes** – Set up multiple security policies and apply them across the entire network in a few clicks and proactively discover malicious activity on the network.
- **Reduce time to resolution** – Quickly isolate and troubleshoot network issues with dynamic network topology views and powerful troubleshooting tools.
- **Enable additional resiliency** – Form a shared pool of power—and lower costs with more efficient PoE management—and enable faster stack convergence in case of failover.
- **Streamline provisioning and configuration** – Configure switches before they arrive onsite—or use templates to standardize an entire fleet—and manage thousands of ports from a single dashboard.
- **Optimize network resources** – Easily identify hundreds of applications and manage individual users, PCs, iMacs, iPads, Androids, and other devices with integrated layer 7 fingerprinting.
- **Keep network up to date** – Rely on a common operating system for a consistent experience across product lines and enable switches to automatically connect, configure, and update themselves.

## Streamline on-premises network management

Simplify network operations and quickly and intelligently respond to changes and challenges with a robust on-premises network controller and management dashboard. With a single network management platform, your IT team can handle day-to-day management tasks with ease, optimizing your investment, and reducing IT spending.

- **Create intuitive network designs** – Use intuitive workflows to design your network, starting with locations where your network devices will be deployed—or import existing network designs.
- **Define policies based on business needs** – Define user and device profiles for secure access and network segmentation and create application policies that enable consistent performance for business-critical applications.
- **Automate provisioning** – Use policy-based automation to deliver network services based on business priority and zero-touch device provisioning to easily bring new remote offices online.
- **Ensure network assurance** – Receive continuous telemetry on real-time application performance and user connectivity by making every access point a sensor.
- **Prevent network issues** – Add automatic path-trace visibility and guided remediation to quickly prevent network issues and automated switch configuration to detect and mitigate threats.
- **Improve IT operations** – Enable third-party applications and processes to exchange intelligence and automate workflow processes with an open and extensible platform.

## Bridge network management with cloud-ease

At long last, manage your globally distributed network—wired and wireless—with an intuitive web interface connecting you to the industry-leading cloud IT platform. This cloud-based platform captures over 23 billion data points every week, enabling it to learn quickly and dynamically adapt to changing business conditions.

This is modern network management with an easy layout, intuitive workflows, and directly actionable insights. Deliver exceptional network experiences fast and view and secure IT from the cloud with a user interface that powers 10 million IT and IoT devices and 3.5 million networks.

- Make changes quickly and securely on one or all switches at once—without the need for configuration scripts and commands.
- Save time by automating repetitive tasks and using global provisioning and configuration tools.
- Get more value from your existing business systems with pre-built apps.
- Plan for the future with real-time telemetry and location analytics.
- Enjoy robust connectivity and security for distributed teams, powered by the secure access service edge (SASE) architecture

Whether you're powering a small business with a few devices or an enterprise with 100,000+ devices, no one network journey is the same. Your networks may already be cloud managed, but for many more organizations, a cloud-managed network is aspirational. With Logicalis by your side and through our longstanding Cisco partnership, we can help you reach your network nirvana.





## Why Logicalis?

- **Long-term partnerships** – As one of just 5 Cisco Global Gold partners and ranked #12 of 67,000 Cisco partners worldwide, Logicalis works closely with key suppliers to solve customer challenges.
- **Award-winning** – Logicalis continues to receive recognition for networking solutions and services, including Cisco 2021 Enterprise Networking Partner of the Year and Leader in the IDC MarketScape: Worldwide Network Consulting Services 2021 Vendor Assessment.
- **Technology proficiency** – Logicalis brings a deep bench, including 250+ Cisco certifications and specializations such as Advanced Enterprise Networks Architecture Specialization, Advanced Security Architecture Specialization, and Master Security Specialization.
- **Services expertise** – Logicalis offers end-to-end services—from professional, advisory, and consulting services to managed services—to ensure our customers succeed and was recently named Channel Partner Insight 2021 MSP of the Year.
- **Customer success** – Logicalis provides service excellence and continuous quality and improvement using processes honed as a Cisco Lifecycle Advisor and holds the Cisco Advanced Customer Experience Specialization.

## Technologies

- Cisco Catalyst 9000 Series Switches
- Cisco DNA Center
- Cisco Meraki MS Switches
- Cisco Meraki Dashboard

## Services

Logicalis offers complete professional, consulting, advisory, and managed services for campus and branch networks, including:

- Professional & Consulting Services
- Design, Integration & Deployment
- Workload Migration
- DevOps & Automation
- Managed Services
- Service Desk

### What can we do for your organization?

Contact Logicalis to learn how we can help.

#### Visit

[www.us.logicalis.com](http://www.us.logicalis.com)

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Architects of Change