

# Cisco Catalyst Switches: Innovations in Networking

Cisco delivers a portfolio of unique switching solutions for Borderless Networks. Optimized for investment protection with forward and backward system compatibility, Cisco Catalyst switches let you build a scalable network with solutions and service offerings that are secure, reliable, seamless, and integrated.



## Secure

- Behavior-based detection of malicious traffic
- Port-level MACsec encryption from access to data center
- Integrated security with firewall, IPS, and VPN service modules
- Campus-wide role-based access control

## Reliable

- Better media delivery and scaling through a superior QoS architecture
- High uptime with fixed-platform resiliency and power pooling
- Rapid re-convergence of failed connections
- Fast physical fault detection and diagnosis of cable faults

## Seamless

- Superior portfolio breadth that scales for every size network
- Simplified deployment and operations with SBA Design Guides and Cisco Validated Designs
- Flexible migration to 10 Gbps with 10 GbE SFP+
- Universal Power over Ethernet for industry's widest range of network-connected devices

## Integrated

- Hardware-accelerated performance on the industry's most comprehensive service module portfolio
- ASIC development that delivers innovation 24-36 months before merchant silicon switches
- Hardware-enabled IPv6 security and control

Learn More at [www.cisco.com/go/switching](http://www.cisco.com/go/switching)