

Cisco Industrial Ethernet Switching Portfolio

The Cisco® Industrial Ethernet (IE) switching portfolio includes ruggedized, secure, easy-to-use switches built for extending the enterprise to harsh, industrial environments. They provide secure connectivity across challenging environments and industries such as manufacturing, utilities, transportation, oil and gas, mining, and smart cities. These Cisco switches offer best-in-class Cisco IOS® or Cisco IOS XE Software with advanced Layer 2 and Layer 3 features, along with industrial protocol support, such as PROFINET and EtherNet/IP to support industries' digital transformation.

IE switches are available with a robust security feature set, including software-based segmentation and flow visibility for security-threat detection, and isolation. Scaling is easy with many management options. Enable intent-based networking to the Internet of Things (IoT) edge with Cisco Software-Defined Access (SD-Access), and easily manage IoT network with the same tools that manage the IT network, such as [Cisco DNA Center](#).

Choose from other management options such as [Cisco Industrial Network Director](#), purpose-built for managing industrial networks, or the included web management tool, which simplifies configuration and reduces time and cost of deployment.



Cisco Catalyst IE3400 Rugged Series

- Advanced modular DIN rail switch expandable up to 26 ports
- All Gigabit Ethernet platform, layer 2 or layer 3
- Up to 24 ports of PoE/PoE+ [Power budget up to 480W]
- Copper, fiber, and PoE+ expansion modules
- Cisco DNA Center for management
- SD-Access policy extended node
- Advanced industrial protocols and additional security features
- Edge compute, Cisco Cyber Vision



Cisco Catalyst IE3400 Heavy Duty Series

- Wall mount IP66/IP67 switch with M12 interfaces
- Up to 24 all Gigabit Ethernet or all Fast Ethernet ports, Layer 2 or layer 3
- Cisco DNA Center for management
- SD-Access policy extended node
- Advanced industrial protocols and additional security features
- Edge compute, Cisco Cyber Vision



Cisco Catalyst IE3300 Rugged Series

- Modular DIN rail switch expandable up to 26 ports
- All Gigabit Ethernet platform, layer 2 or layer 3
- Up to 24 ports of PoE/PoE+ [Power budget up to 360W]
- Copper, fiber, and PoE+ expansion modules
- Cisco DNA Center for management
- SD-Access extended node



Cisco Catalyst IE3200 Rugged Series

- Fixed DIN rail switch, 10 ports
- All Gigabit Ethernet platform, layer 2
- 8 ports of PoE/PoE+ [Power budget up to 240W]
- Cisco DNA Center for management



Cisco IE 5000 Series Switches

- 19" rack mount switch, 28 ports
- All Gigabit Ethernet platform, layer 2 or layer 3
- 4 x 10G fiber uplinks (on select models)
- Up to 12 ports of PoE/PoE+ [power budget 360W]
- Horizontal stacking up to 4 members
- GNSS/GPS antenna interface
- Advanced industrial protocols and additional security features
- Conformal coating (on select model)
- Cisco DNA Center management
- SD-Access extended node



Cisco IE 4010 Series Switches

- 19" rack mount switch, 28 ports
- All Gigabit Ethernet platform, layer 2 or layer 3
- Up to 24 ports of PoE/PoE+ [power budget up to 385W]
- Advanced industrial protocols and additional security features
- Cisco DNA Center management
- SD-Access extended node



Cisco IE 4000 Series Switches

- Fixed DIN rail switch, up to 20 ports
- 4x 1G combo uplinks
- All Gigabit Ethernet platform, layer 2 or layer 3
- Up to 8 ports of PoE/PoE+ [power budget up to 200W]
- Advanced industrial protocols and additional security features
- Cisco DNA Center management
- SD-Access extended node



Cisco IE 2000 Series Switches

- Fixed DIN rail switch, up to 20 ports or Wall mount, IP67 rated, up to 24 ports with M12 interfaces
- Up to 18 x FE ports, 2x 1G combo uplinks (on select models)
- Layer 2 or layer 3 (limited features)
- Up to 4 ports of PoE/PoE+ [power budget up to 120W]
- Conformal coating (on select model)
- Optimized for use in utilities (select models)
- Cisco DNA Center management



Cisco IE 1000 Series Switches

- Fixed DIN rail switch, up to 10 ports
- Up to 8 x FE ports, 2x 1G combo uplinks (on select models)
- Lightly managed layer 2
- Up to 8 ports of PoE/PoE+ [power budget up to 180W]
- Security: Port security, TACACS, 802.1X
- Plug and Play (PnP) for easy deployment



Cisco Industrial Ethernet 2000U Series Switches

- Optimized for use in utilities
- Fixed DIN rail switch, up to 20 ports
- Up to 18 x FE ports, 2 x 1 G uplinks
- Layer 2 or layer 3
- Up to 4 ports of PoE/PoE+ [power budget up to 120W]
- Conformal coating (on select model)
- Cisco DNA Center management

Next steps

To find out more about
Cisco's Industrial Ethernet Switching Portfolio, visit www.cisco.com/go/ie