

At-A-Glance

Why Does Ethernet Switching in Your Data Center Matter to You?

Your data center is the technological core of your organization. Your Ethernet switching solution can affect many different aspects of your organization, including:

- Revenue and profitability
- Growth and expansion rates
- Employee and IT staff productivity
- Customer experience and satisfaction
- Capital and operating expenses

What Do You Need to Consider in Your Ethernet Switching Solution for Your Data Center?

Architectural Scalability

As the goals of your organization evolve over time, you will need an Ethernet switching solution that enables your data center to keep pace. You might use up to three different types of Ethernet switches: modular, top-of-rack, and blade switches. Furthermore, these switches should be optimized to scale your services, virtualized infrastructure, and physical infrastructure. This breadth will help ensure that your data center is built on a foundation that will support your needs today and tomorrow.

Operational Manageability

After it is deployed, your Ethernet switching solution needs to accelerate the rate at which new services are added to your data center while increasing IT staff productivity. This will enable your organization to improve its overall productivity and increase its ability to exceed its customers' expectations. To achieve this, your Ethernet switching solution needs industry-leading automation, visibility, and serviceability capabilities.

Comprehensive Resilience

As the success of your organization becomes more closely tied to the services your data center delivers, you need to be confident that your Ethernet switching solution will provide industry-leading fault prevention and transparent recovery and minimize the required resources to resolve problems.

The Cisco Catalyst Series Ethernet Switches

The Cisco® Catalyst® Series offers three types of Ethernet switches for data centers: modular, top-of-rack, and blade switches.

Cisco Catalyst 6500 Series Modular Switch



The Cisco Catalyst 6500 Ethernet switch is an ideal solution for both aggregation of access switches and server access in end-of-row architectures. The Catalyst 6500 delivers high levels of architectural scalability, operational manageability, and comprehensive resilience.

Cisco Catalyst 4948 Switch



This award winning top-of-rack switch simplifies cabling while delivering low latency, line-rate throughput, and advanced security capabilities.

Cisco Catalyst Blade Switches for Blade Servers



This product line of integrated blade switches brings Cisco Catalyst switching technologies to blade servers from Dell, Fujitsu-Siemens Computing, HP, and IBM.

Solutions Based on Actual Data Center Deployments

Cisco knows that when you make a decision about your Ethernet switching solution for your data center, you want to be confident that it will meet your needs today and tomorrow. That is why Cisco developed a comprehensive guide based on rigorous testing of many different types of Ethernet switching architectures in real data centers. The Data Center Infrastructure Design Guide, provides an in-depth outline of major design considerations and recommends different configurations based on all three types of Ethernet switches for data centers.

Read more at http://www.cisco.com/go/dc_switching

Why Choose Cisco for Your Ethernet Switching Solution in Your Data Center?

Cisco has a deep understanding of the importance of your data center and its role in your organization's success. The Cisco Catalyst Series Ethernet switches are industry leaders in architectural scalability, operational manageability, and comprehensive resilience, and Cisco offers all three types of Ethernet switches for data centers. Finally, Cisco has rigorously tested and documented multiple design architectures for Ethernet switching in data centers.

Choose Cisco Catalyst Series Ethernet switches for your data center and experience success.