

Cisco Routing and Switching Services

The enterprise network becomes a strategic asset through effective architecture, deployment, and operations.

Challenge: Enabling the Agile Business

Agility and innovative new business models are vital in today's business environment, where your customers increasingly expect a personalized experience above and beyond your product or service, and your competition can come from anyone, anywhere around the globe.



Benefits

Cisco Routing and Switching Services use leading practices and time-tested methodologies to help you to:

- Deliver new capabilities while keeping the network secure, reliable, and available
- Successfully integrate new technologies and applications onto the routing and switching platform
- Reduce risk, delays, and the total cost of network deployments
- Optimize your core routing and switching network to meet future needs
- Prepare your teams to succeed with new technologies
- Achieve operational excellence

IT plays a critical role in enabling innovation, delivering new capabilities while running the existing business. To succeed in this fast-paced marketplace requires effective collaboration and efficient use of resources. Business and information technology are inseparable, and the network is what brings them together; it alone touches all people, locations, resources, and applications.

Solution: Business Success Through an Architectural Approach

In collaboration with your team and our partner ecosystem, we take an architectural approach to helping you create a more intelligent, responsive, integrated network. Through a robust portfolio of services, we can help you align IT to the needs of the business, unify network-based services, and create a flexible architecture optimized for your organization. We can help you assess readiness to support proposed solutions, integrate new capabilities, and keep network devices and applications secure, available, and operating reliably.

Architecting Solutions to Transform Business

An architectural approach helps you use your network as a strategic asset and evolve your infrastructure to support new business capabilities.

Cisco® Business Transformation Services help you transform your business by using the Cisco Service-Oriented Network Architecture (SONA) framework as a strategy to evolve your infrastructure. A team of Cisco architects facilitates alignment of your IT resources to your organization's business problems, opportunities, and priorities. An architectural approach to unifying network-based services helps you reduce complexity and management costs, enhance system resiliency and flexibility, and improve the efficiency of your network resources.

Effective Planning and Design to Support Performance and Scalability

Business innovation calls for the integration of new technologies and applications onto the routing and switching platform. Successful integration depends on an accurate assessment of your network and overall readiness to support proposed solutions.

- **Planning:** Cisco and Cisco Certified Partners can evaluate your network's strengths and limitations, services, and solution requirements and validate that planned changes are in alignment with your business goals. We can examine critical readiness factors such as infrastructure design, environmental issues, and security and make recommendations to help you proactively resolve gaps.
- **Design:** Developing a detailed design is essential to reducing risk, delays, and the total cost of network deployments. Cisco and Cisco Certified Partners can provide an implementation-ready design that you can use to engineer your network. We consider your technical requirements and network design goals to create an architecture optimized for your organization that can reduce the need for costly redesign, improve performance, and scale to support future change.

Implementing Systems and Solutions into the Architecture

For the architecture to work as intended, it needs to be implemented in accordance with the design and without compromising network availability or performance. Implementation service activities are delivered primarily through Cisco Certified Partners. However, for technologies and applications that are relatively new, Cisco can perform service activities in conjunction with our channel partners, transferring knowledge to broaden and deepen the expertise of our channel partners and your staff.

Improving Availability and Reducing Costs and Risk in Day-to-Day Operations

To realize the value of the architecture, network devices and applications need to be secure, available, and operating reliably. In day-to-day operations, a company proactively monitors the health and vital signs of the network to improve service quality, reduce disruptions, and mitigate outages.

- The Cisco SMARTnet[®] Service maintains the operational health of your network through Cisco expertise and resources that promote greater uptime and extend the value of your IT investment.
- Cisco Software Application Support Services help you improve the availability, security, and performance of your important business applications.
- Cisco Focused Technical Support Services help businesses with large or sophisticated business-critical Cisco networks protect essential business operations by providing personalized technical attention and support services designed to provide fast, complete resolution to issues that might arise.
- The Cisco Foundation Technology Remote Management Service provides cost-effective management of Cisco technologies that helps you solve complex performance issues and lower expenses.

Optimizing for Business Evolution and Innovation

Cisco can help you make sure your routing and switching network remains optimized to support your business objectives. We share knowledge and leading practices, complementing your teams and the Cisco partners you work with.

The Cisco Network Optimization Service combines network assessment, network support, and network learning in a tightly integrated, comprehensive subscription package focused on optimizing your core routing and switching network to meet future needs and helping your team succeed with new technologies. Aspects of this service focused on architectural enhancement include:

- Review of your architecture and/or design to resolve application performance problems
- Analysis of resiliency requirements for strategic locations within the IP infrastructure
- Review of your network management architecture, goals, and capabilities
- Review of your design priorities, goals, and requirements for modifying your existing architecture or design
- Ongoing design support for incremental changes to the network or architecture

Cisco Advanced Technology Optimization Services can also be purchased to help improve the performance of other technologies on your network.

Achieving Operational Excellence and High Availability

As your organization continues to migrate to more collaborative, global, and agile structure, it is ever more critical to improve the availability, resiliency, and visibility of your network and the stability of the services running on it. A reliable, highly available network is mission critical to the successful delivery of services to support business needs.

The Cisco Network Availability and Operations Optimization Service helps you effectively adopt, manage, and scale technologies and applications in your converged network environment by optimizing your operational processes and network management tools. It delivers these benefits through a portfolio of deliverables and activities focused on network systems and advanced technologies in 3 critical areas:

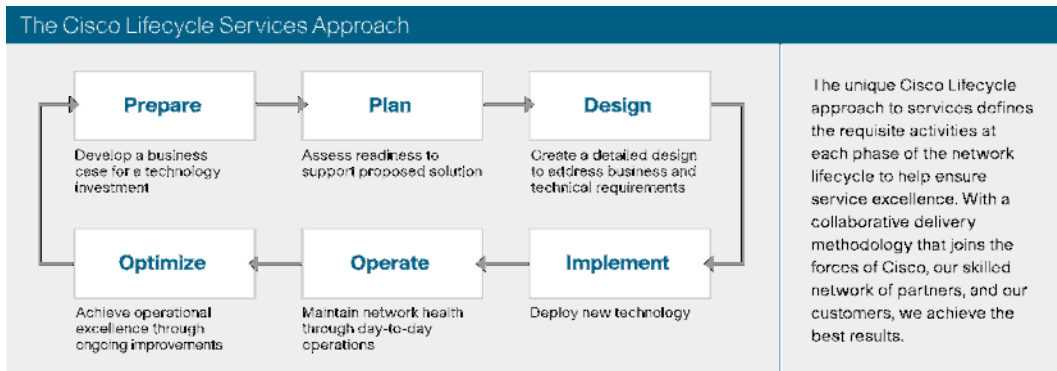
- Resilient design to reduce the effects of outages on the business
- Robust network management solutions that provide visibility to network faults and enable effective planning through performance and capacity management
- Optimized operational processes that are part of a continuous service improvement strategy

Why Cisco Services

Cisco Services make networks, applications, and the people who use them work better together.

Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

The Cisco Lifecycle approach to services defines the requisite activities at each phase of the network lifecycle to help ensure service excellence. With a collaborative delivery methodology that joins the forces of Cisco, our skilled network of partners, and our customers, we achieve the best results.



Cisco and Partner Expertise: Better Together

Cisco engineers and Cisco Certified Partners are among the industry’s elite in providing integrated, collaborative, adaptive solutions. Jointly with our partners, we form the largest collection of industry certified experts in the world supporting the most complex networks to meet and exceed the needs of our customers. Cisco teams can collaborate with partners to foster consistency and alignment with Cisco methodologies, tools, and leading practices.

Availability

Cisco Routing and Switching Services are available globally. Service delivery details might vary by region.

For More Information

For more information about Cisco Routing and Switching Services, visit www.cisco.com/go/services/routing-switching or contact your local account representative.

Cisco Services.
Making Networks Work.
Better Together.



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