



# Enable Next Generation Learning and Reduce Costs with a More Secure, Reliable Network



## Cisco Network Optimization Service for Education

As universities and K-12 schools look for new ways to engage with students, parents, and educators, attract top talent, and improve educational outcomes for all students, they need a sound, scalable network foundation on which to integrate the enabling technologies and applications. Working with Cisco Services, you can evolve to and maintain a more scalable network that enables secure, reliable delivery of next generation teaching and learning while reducing operational costs. The Cisco® Network Optimization Service optimizes secure wired and wireless networks and supports school and university IT teams in managing change, improving performance, and making better informed IT investment decisions.

### Collective Strength: People, Processes, Tools

We help you succeed with specialized engineering expertise, a wealth of leading practices, and proprietary tools.

Our experienced engineers understand your mission and network requirements and can access the right resources for your needs:

- More than 2400 Cisco engineers and more than 1500 holders of Cisco CCIE® certification
- 15 specialized practices and 15 professional services solution teams

Improve visibility and performance through state-of-the-art tools:

- Network data collection, analysis, and diagnostic tools
- Bug navigator and alert system
- Security alerts, field-notice engines, and network audit reports
- Cisco IOS® Software migration tool

Test changes with confidence through our unparalleled investment in lab capabilities:

- 200,000 square feet of lab space; globally integrated virtual labs
- Software releases for all products
- Inventory of supported hardware

## Optimize Your Network Investment

The Cisco Network Optimization Service optimizes your network investment by providing your team with technical leadership and professional services expertise, tools, and best practices to help you intelligently run your network for optimal performance.

As you evolve your network to respond to educational requirements, and communicate with students, parents, faculty and the broader educational community, anywhere and on multiple devices, you need a network architecture that delivers that experience more securely, reliably, and seamlessly. How will you assure that your network is optimized to successfully deliver this experience? How will you know that you are getting the most value from your investment?

## A Proactive Support Service from Cisco

The Cisco Network Optimization Service (NOS) is a proactive support service that helps you manage and optimize your routing and switching, wired and wireless, and security infrastructure across its lifecycle to help deliver the best return on your network investment. With an expert Cisco engineer complementing your team, you gain the support, knowledge, and guidance to strengthen network performance, improve efficiencies, and successfully manage network changes in support of new initiatives such as IPv6 deployment, or adopting cloud, virtualization, and mobility solutions.

## Create a More Scalable, Stable, and Resilient Network

A scalable, stable, resilient network is one that can grow and change to keep pace with evolving user demand, educational imperatives and administrative requirements. By providing leading practices and support, we can help you to:

- Understand what is needed to achieve the right level and balance of resiliency and complexity
- Proactively identify issues that might affect performance and stability
- Improve network performance, reliability, and functionality
- Prioritize network improvement efforts and quantify progress



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## Make Your Network More Secure, Available, and Reliable

In a secure, available, and reliable network, problems and potential issues are identified and addressed proactively, complexity and variables are managed, and sound operational processes are in place. By enabling greater visibility into your network, we can help you to:

- Strengthen your infrastructure and security architecture
- Mitigate risk due to security issues and potentially unmanaged devices
- Manage your hardware lifecycle in a way that is consistent with your investment strategy and requirements
- Improve configuration consistency and standardization
- Proactively eliminate sources of problems

## Get Ready to Support New Technologies and Applications

Enabling your network to support evolving technologies and applications that foster a next generation learning environment, improve educational outcomes and attract top talent to your school, requires an IT environment that is flexible and scalable enough to adapt to rapidly changing demands. Prepare your IT environment and team to support new technology as we help you to:

- Solidify your requirements
- Improve operational processes
- Assess readiness and identify and resolve gaps
- Improve your software management practices and network management architecture
- Strengthen your network management strategy
- Build knowledge and skills

## Availability

The Network Optimization Service is available globally and can be purchased from Cisco and Cisco Certified Partners. Service delivery details might vary by region and depending on which subscription options you choose.

## Learn More

For more information about how Cisco Services can help you get more from your technology investments, visit [www.cisco.com/go/services](http://www.cisco.com/go/services) or speak with your account representative or Cisco partner.



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