Cisco Solution Validation Service

Simplify and expedite the integration and use of new network technologies

Outcomes

- **Best-in-class validation** in a Cisco® lab.
- **Enable predictable outcomes** to support your business.
- **Accelerate adoption** of new technologies.
- **De-risk** the production network.
- **Reduce validation costs** by 40 to 80%.[1]

A major network outage can cost more than $500,000 per hour.[2] That's why enabling network transformation without compromising network availability or performance is critical to your business success.

Before introducing new technology infrastructure, applications, or changes to your operations processes and network management capabilities, you need to validate that it meets your requirements for availability, security, and reliability. But despite the availability of in-house test solutions, issues related to time, equipment, and budget make it challenging for your IT teams to keep pace with IT lifecycle demands.

We can help

Cisco Solution Validation Service simulates your network environment in a Cisco-provided, Cisco Splunk®-monitored lab with proven industry-leading expertise, AI-enabled test solution Automated Validation Framework, and additional comprehensive test tools such as industry-standard Spirent traffic generators, impairment generation tools, agentic AI-enriched As-Code Methodologies, and BE interlocks. Our team uses processes that help reduce your time to market and expedite integration and adoption to power your network transformation.

With our service, you get comprehensive test lifecycle support to address design validation, optimization, performance and scalability, high availability, resiliency, interoperability and capacity, software certification, and migration validation, as well as compatibility testing with third-party platforms.

This service helps ensure that your new solutions, applications, and upgrades work as expected by simulating your environment in our labs, providing you with a turnkey environment for ongoing testing.

You can also use the lab environment to conduct additional testing after Cisco testing is complete. Technology coverage includes core networking, data center, cloud and AI infrastructure, security, collaboration, and observability architectures and related technologies.

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Large financial enterprise success story

Challenge:

Lack of expertise and budget for a dedicated test lab led to multiple full-day outages in their Cisco Application Centric Infrastructure (ACI®) environment

Cisco solution:

- Verified in the Cisco lab that the ACI design met the expected availability, security, performance, and reliability standards.
- Expanded testing to include multiple technology tracks leveraging automation using Automated Validation Framework.
- Increased operational efficiency by reducing the required change windows for successful alterations, saving the customer millions in costs.
- Accelerated the integration of new technologies for faster market launch of new services and applications, ensuring a competitive edge.

[1] Statistics from Cisco delivery metrics
[2] Gartner, Key Practices to Reduce Network Downtime, Sept. 2025

Service overview

You can count on Solution Validation Service to provide a complete, customized service using leading practices and time-tested methodologies to:

- **Define test scope and procedures** based on your network environment.
- **Create test plans** that meet your timetable and business goals.
- **Recreate your environment** in Cisco world-class labs.
- **Conduct validation tests** with our experts.
- **Analyze the effects of changes** on simulated or actual application performance.
- **Certify solutions** support design standards and are ready for production traffic.
- **Create detailed analysis** reports.

Why Cisco?

Leverage the unrivaled expertise and network optimization experience of Cisco Services to drive your business forward with our:

- **Extensive expertise, best practices, and customer insights** from thousands of engineers and over 40 years of experience.
- **Proprietary IP** with intelligent and actionable insights amassed from millions of devices in production and Cisco AI and machine learning.
- **Trusted guidance** to act as an extension of your team, providing the performance and skillsets you need.

Next steps

Cisco Solution Validation Service is consumed through Cisco Professional Services as an annual subscription service or as a transactional engagement, bringing together expertise and open standard test automation framework and aligning them with your network lifecycle management.

To get started, contact your Cisco representative or partner today or email us at cx-svs@cisco.com.

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