

This Former Spirent Business is Now Part of VIAVI

Contact Us +1 844 GO VIAVI | (+1 844 468 4284)

To learn more about VIAVI, visit viavisolutions.com/en-us/spirent-acquisition

Spirent Avalanche

SSL VPN Testing

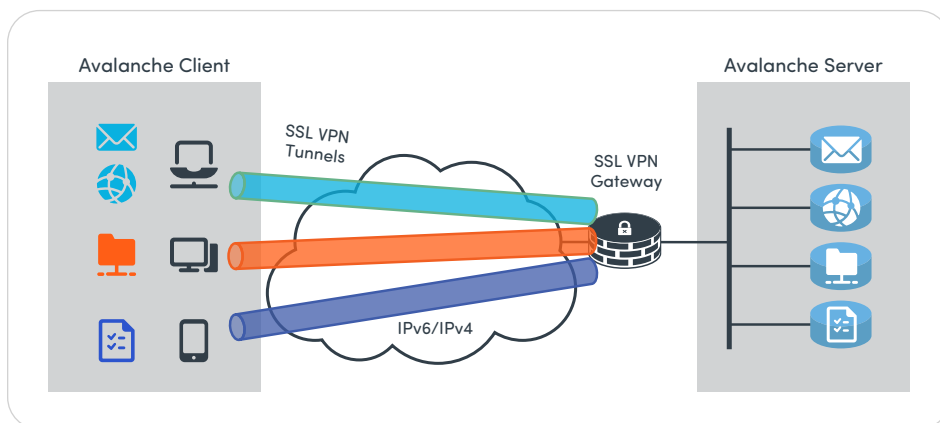
Application Performance Testing Solution

Demand for remote work has been part of enterprise operation for quite some time. Current climate of global and local crisis has also added urgency to deployment of infrastructure that allows business continuity and remote access to corporate resources. SSL VPN provides a highly secure and simple way to access corporate network for remote workers. Spirent Avalanche SSL VPN testing enables Network Equipment Manufacturers, Enterprises, and Service Providers to realistically validate on-prem and cloud-based SSL VPN gateways and deployments.

Benefits

Spirent Avalanche's SSL VPN feature provides complete performance assessment of SSL VPN gateways to quickly understand and correct deficiencies before deployment. The use of real application protocols over encrypted tunnels is the best way to truly understand the gateway's effect on user experience.

- **Quicker Time to Test:** Integrated SSL VPN allows full performance characterization of gateways, leading to faster production roll-outs
- **Avoiding Downtime:** High-performance testing with real traffic identifies proper sizing for your environment while providing comprehensive statistics to quickly locate problem areas
- **Investment Protection:** Support for both IPv4 and IPv6 ensures testing needs can be supported now and for future generation testing
- **Minimizing Cost:** SSL VPN is a fully integrated Avalanche application that supports many use cases, minimizing the number of test applications to learn



Applications

- Compare application performance with and without SSL VPN
- Test user data over SSL VPN tunnels
- Determine maximum tunnel capacity of SSL VPN gateways
- Measure tunnel set-up and tear-down rates
- Find maximum tunnel throughput
- Test SSL VPN services over cloud and virtualized environments and devices
- Measure the user experience through encrypted tunnels
- Emulate SSL VPN deployment scenarios for IPv4 and IPv6 networks, including:
 - IPv4 over IPv4
 - IPv4 over IPv6
 - IPv6 over IPv4
 - IPv6 over IPv6
- Test automation using FormsDB for creating large numbers of unique user name/password/group names

Technical Specifications

SSL VPN Security Protocols

TLS	DTLS
-----	------

SSL VPN Parameters

Validated for use with:	Supports full suite of TLS v1.2 Elliptical Curve, DHE, RSA, AES ciphers including:
Cisco AnyConnect™ v9.x and later	• ECDHE-ECDSA-AES256-GCM-SHA384 • ECDHE-RSA-AES256-GCM-SHA384
Palo Alto GlobalProtect™ v8.x and later	• AES256-GCM-SHA384 • DHE-RSA-AES256-GCM-SHA384 • ECDHE-ECDSA-AES128-SHA256 • ECDHE-RSA-AES128-GCM-SHA256 • AES128-SHA256 • AES128-CCM8 • DHE-RSA-AES128-GCM-SHA256 • ECDHE-ECDSA-AES128-GCM-SHA256

Ordering Information

Description	Part Number
-------------	-------------

SSL VPN support requires the following licenses based on your specific platform.

Avalanche Application Testing Client for C100-S3 and C200	CMP-ASW-APP
---	-------------

Avalanche SSL Client Server for C100-S3 and C200	CMP-ASW-SSL
--	-------------

Supported Modules/Platforms

- Spirent CF30 Appliances
- Spirent CFv
- Spirent C200 Appliances
- Spirent CF400 Appliances
- Compatible STC Modules

Available in license bundles for CF30 and CF400 Appliances.

Licenses are also available on compatible STC modules.

Please contact your Spirent sales representative for more details, including ordering information for other test devices and CFv.

About Spirent Communications

Spirent Communications (LSE: SPT) is a global leader with deep expertise and decades of experience in testing, assurance, analytics and security, serving developers, service providers, and enterprise networks. We help bring clarity to increasingly complex technological and business challenges. Spirent's customers have made a promise to their customers to deliver superior performance. Spirent assures that those promises are fulfilled. For more information visit: www.spirent.com

Americas 1-800-SPIRENT

+1-800-774-7368 | sales@spirent.com

Europe and the Middle East

+44 (0) 1293 767979 | emeainfo@spirent.com

Asia and the Pacific

+86-10-8518-2539 | salesasia@spirent.com