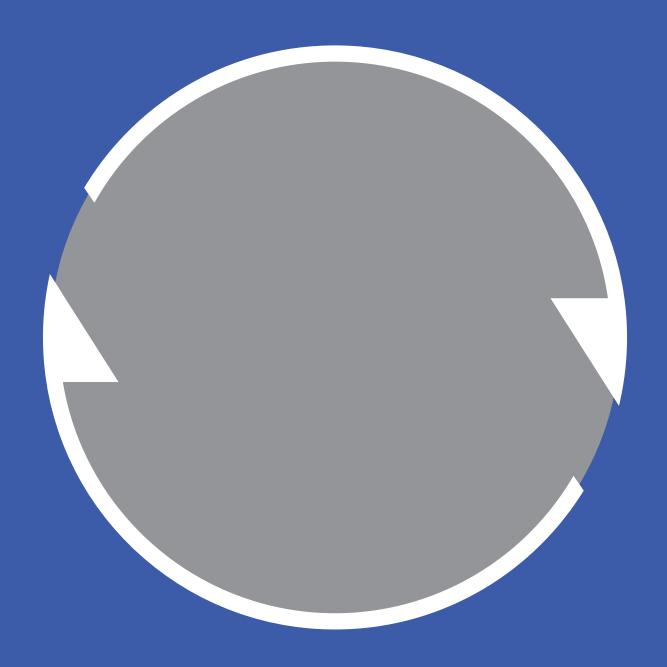


This Former Spirent Business is Now Part of VIAVI

Contact Us +1844 GO VIAVI | (+1844 468 4284)
To learn more about VIAVI, visit viavisolutions.com/en-us/spirent-acquisition

Spirent TestCenter™ Platforms

Trusted partner for verifying the network and cloud evolution







Appliances & Test Modules

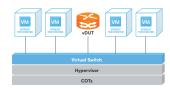
Spirent's flexible High–Speed Ethernet portfolio helps validate Ethernet technologies from 100M to 800G at the highest scale, deepest functionality, and most costs effective way.

Compact Appliances



TestCenter compact appliances offer the power of Spirent's L2-3 router, switch, application, security, TSN, and automotive test solutions in a flexible and portable form factor.

Virtual Solution



TestCenter Virtual delivers a unified testing architecture that ensures full compatibility with any TestCenter interface and enables porting of prior investment in test cases for physical to virtual.



Trusted Performance



Unparalleled Flexibility



Industry Leadership

Decades of experience in network testing, industry-leading hardware and software platforms proven over multiple generations of network technologies.

TestCenter platforms can interoperate and cooperate in a single test to tailor test infrastructure to deliver optimal results without breaking the budget.

100% of the world's top Service Providers, network and device vendors use Spirent.

Ethernet Test & Validation Solutions



High-Speed Ethernet

Launch products and services quickly and with confidence, while ensuring a reliable, high-quality user experience.

- High flexibility with support for more interfaces and protocols across several multi-speed test modules and appliances
- Support for 800, 400, 200, 100, 50, 40, 25, and 10G, and various types of small form-factor pluggables
- Extreme scalability with the ability to customize solution with evolving testing needs (industry's highest number of ports per test)
- · Lowest cost of ownership per port



Automotive

Bring automotive devices and networks to market faster while meeting the highest standards for performance and reliability.

- R&D testing: Technology feasibility studies and performance modeling
- Device & protocol functional testing
- Conformance & certification testing
- Device, sub-system, or services performance characterization and availability
- Stress testing requiring higher device and traffic emulation scaling
- Device benchmarking



Time-Sensitive Networking

Easily test and validate TSN implementations to meet critical timing and safety requirements.

- Conformance and performance testing in a single hardware platform over a variety of interfaces and speeds (10M to 400G)
- Emulate TSN and non-TSN capable end-points to create realistic network environments with multiple connections, domains and different traffic profiles
- Real-time capture and analysis



Hardware Portfolio

APPLIANCES





B3 – 800G Validation

Industry's first and highest density QSFP-DD and OSFP test appliances for large capacity testing, with 4 and 8-port variants



A1 - 400G Validation

Industry's highest density QSFP-DD platform with 16 400G ports per 2U appliance, offering 2x density advantage



A2 – 400G Validation

High-density QSFP-DD platform, best value to performance for software, system, scale testing, offered in a 2U appliance with 8 & 16-port variants



A3 – 400G Validation

Industry's highest scale and performance QSFP-DD platform with 4 ports per 2U appliance, delivering massive capacity and feature-rich stateless traffic generation for validating core and edge network infrastructure



PX3 – 400G Validation

Protocol Scale



DX3 - 400G Validation

Data Density

TEST MODULES



DX3 — Data Density

High port density test modules designed to verify the highest scale cloud data center fabrics



FX3 — Flexible Functionality

Broad feature set test modules with powerful emulation capabilities for testing enterprise, service provider & data center networks



PX3 — Protocol Scale

High port density test modules with higher control &data plane scale for performance, stress & industry standard benchmark tests



MX3 — Multiprotocol Performance

Highest performing test modules to realistically emulate entire cities for core network and converged multi-play devices and services

COMPACT APPLIANCES



C2 Appliance

Layer 2-7 testing, in a compact, portable 2U form factor



M1 Appliance

Layer 2–3 traffic testing in a 2U form factor, powerful network emulation and application layer protocols

CHASSIS



SPT-N12U Mainframe Chassis

Next-generation platform, scales to the highest port counts and test traffic rates in the industry, any module in any slot—no chassis slot restrictions.



SPT-N4U Compact Chassis

Smallest chassis form-factor with innovative time- and money-saving capabilities

SPIRENT TESTCENTER PLATFORMS

TestCenter Virtual

Optimize the performance and scale of network services and infrastructure deployed in public, private, or hybrid clouds.

- Layer 2-7 test and measurement with comprehensive emulation protocols
- Flexible deployment scenarios with support for a wide range of virtualization and cloud platforms
- · Seamless integration with rich API support
- · Portable test cases from hardware to virtual



TestCenter Software

Layer 2-7 test solutions to accelerate test cycles and time to market for higher quality products and services, customizable to evolving testing needs.

Reduce testing complexity, improve efficiency with actionable analytics, intuitive reporting, and flexibility to visualize the dynamic behavior of systems under test.

Automation

Whether developing scripts in Tcl, Perl, or Python for a complex regression environment, or focusing on script re-use and portability across platforms and teams, or looking to speed up repetitive manual tasks, TestCenter offers:

- Multiple ways to automate in diverse environments, including HLTAPI and Robot Framework.
- Easy integration with TTworkbench for test creation and orchestration.
- Supports OTG (Open Traffic Generator) and gNMI (gRPC Network Management Interface) APIs, enabling users to easily leverage open-source and standardized test scripts.



Enabling the Ecosystem for Next-Generation Data Rates

Network and cloud evolution requires flexible, high-density test solutions to validate the next generation of routers and data center fabrics to ensure reliability, performance, and interoperability.

Spirent continues to lead the industry in Ethernet test and validation, bringing innovative test solutions to market first, to enable the Ethernet ecosystem to fulfill next generation networking needs.



