

# This Former Spirent Business is Now Part of VIAVI

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# Enterprise Security and Performance Validation

## Assuring network services performance and security

Validating that network services are secure and perform as expected in real-world production environments doesn't have to be insanely complicated.

Leverage tangible metrics about the performance and resilience of the test environment, including SD-WAN, SASE / Zero Trust, 5G, and more. Adopt new architectures and cloud-based environments, scale services on-demand, and implement new technologies such as advanced encryption—without compromising on QoE or increasing the risk of a security breach.

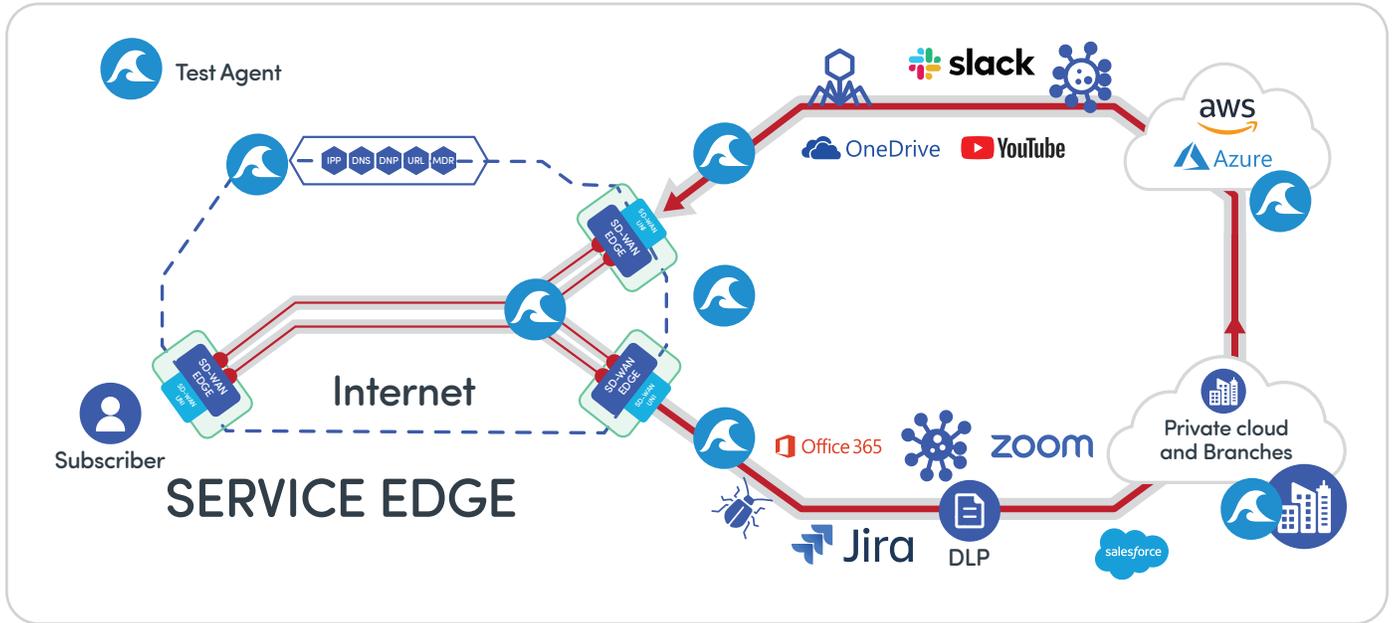
### Solution Business Benefits

- **Reduce risks and costs** by preempting production failures, with visibility into whether investments are paying off, lower procurement & maintenance costs through right-sizing, and through reduced development times.
- **Scale new services with confidence** that performance and security will not be compromised, and differentiate next-gen services with tangible, reliable, sustainable advantages in security and performance.
- **Get visibility into the organization's security posture**, to preempt catastrophic and costly security breaches, compliance violations, and provides the ability to quickly respond to new threats.
- **Raise customer satisfaction rates** through data-driven insights into how well new services are performing. Leverage measurable KPIs and reporting on user loads, latencies, QoS, and more, helping to improve QoE and reduce customer dissatisfaction.
- **Accelerate innovation and time-to-market** because developers spend less time troubleshooting, testing, and fewer refinement cycles through advanced automated assessment methods.

### Solution Highlights

CyberFlood combines scale, performance, ease, and hyper-realistic applications, allowing users to easily test and validate performance and scalability on any modern app-ware devices and solutions. It is a multi-domain, multi-platform, high-throughput solution that allows you to:

- **Stress-test network devices** using the latest applications (updated continuously) and push performance and scalability to the limit—including throughput with preconfigured traffic mixes and encrypted traffic—so you can see what's working and what could be improved.
- **Validate security efficacy** of today's modern security devices and countermeasures using hyper-realistic, high-performance traffic based on actual application and hacker threat scenarios.
- **Test and enforce application policies** by testing with thousands of popular application profiles to evaluate the impact of security policies on performance and availability and re-create production-level mixes of application traffic to test the effectiveness of network application QoS policies.
- **Benchmark performance and capacity** by simulating thousands (or hundreds of thousands) of real users on the network and run "what-if" scenarios to measure the performance impact of architecture, security, and configuration changes.
- **Validate on-prem, virtual, and cloud services** with Spirent's unique approach for assessing network infrastructure available in form factors to meet you exacting requirements.
- **Verify and measure the user experience** pre/post-deployment for critical applications under load to better prepare for traffic demands
- **Validate proof-of-concept designs** in SD-WAN, SASE, 5G environments, and more by testing with realistic mixes of application traffic.
- **Automate for fast, continuous testing**, leveraging CyberFlood's ability to allow vast regression test beds to be set up and used for ongoing use cases.



CyberFlood enables enterprise customers to stress-test network devices across any environment, including cloud environments, using the latest applications (updated continuously), and push performance and scalability to the limit.

## Next steps for enterprise customers

Transform security and performance validation from a source of worry, expense, delay, and disruption into a source of innovation and competitive advantage. All this, without creating a spider’s web of vendors such as system integrators, service providers, and security solution vendors whose products may not integrate or interact with each other seamlessly, while removing complexity from security and performance validation.

Contact us to talk to an expert and learn how our security and performance validation solutions deliver quantified business benefits. Request a demo and see how one partner can take the guesswork and complexity out of assuring the QoE and resilience of modern network services.

For more information visit: <https://www.spirent.com/products/cyberflood-security-test>.

### 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](http://www.spirent.com)

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