

# Spirent VisionWorks Test Platforms

## End-to-End Coverage for Active Network, Service, and Experience Assurance

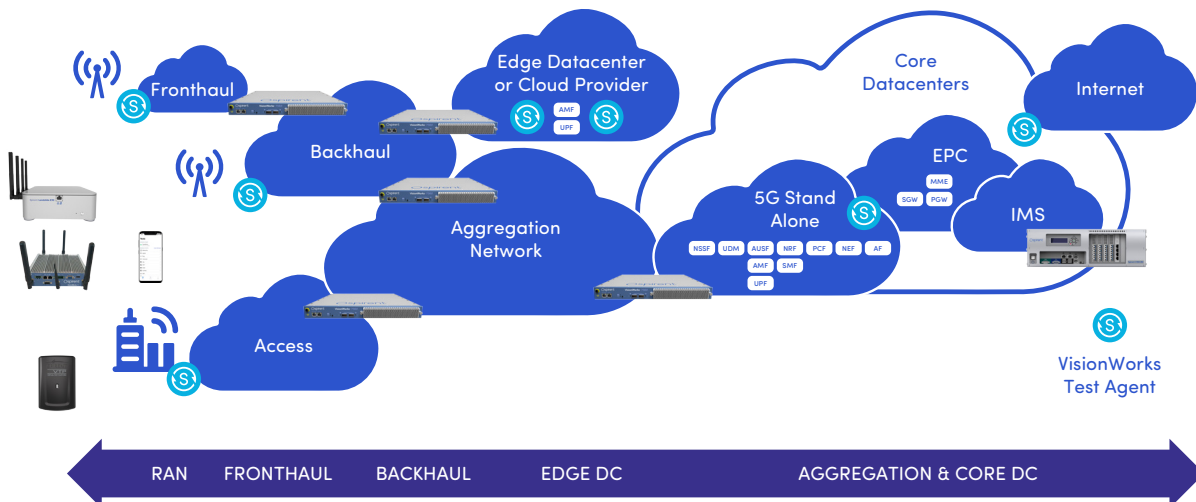
Prepare for, deliver, and monitor service quality, network performance, and end-user experience through active testing. VisionWorks Test Platforms and Test Agents can be deployed throughout the network to streamline activation testing, provide end-to-end visibility, proactively detect issues, and automate troubleshooting. Deliver reliable performance that exceeds customer expectations.

VisionWorks Test Platforms support an ever-growing library of active tests that can be run on-demand or 24x7 from anywhere, to anywhere. See the issue, resolve the issue, before users are impacted.

Platforms	Virtual	P2	7524   7562	DTA	E5	E10	C100-M4
Platform Details	Virtual Test Agent as NFVI or on White Box1	Portable Plug & Play, Compact Appliance	Line Rate Testing Monitoring Packet Capture	iOS & Android App for Mobile Devices	Indoor & Outdoor OTA Testing for LTE and WiFi	Mobile Core, Wi-Fi, Diameter, IMS Testing, OTA LTE	25/40/100G Mobile Core, Wi-Fi, Diameter, IMS Testing
Concurrent Active Tests	4	1	30	1	4	4	16
Test Rate	Host VM Dependent	1 Gbps	10   100 Gbps	SP Dependent	SP Dependent	SP Dependent	200 Gbps
Dimensions (HxWxD)	Virtual	3.25x2.2x1"	1 RU	Native App	7.87x0.75x0.5"	2.8x7.76x7.76"	3 RU
Weight	Virtual	0.15 lbs	14.15 lbs	Device Dependent	6.6 lbs	3.6 lbs	31 lbs
Test Interface(s)	Host VM Dependent	Ethernet	4x10G   2x100G	Device Integrated Radios	LTE Modem, Handset, Virtual UE	2x10/100/1G Ethernet 1xWiFi 4xOTA LTE	2x25G 2x40G or 2x100G

1 Spirent VisionWorks Test Agents are container-packaged or QCOW2 images for x86 or ARM 64-bit systems. Validated platforms include: Cisco, Dell, and HP Blade Servers, Juniper NFX 250, Lanner White Box, and others.

## Flexible Deployment Options for Complete Coverage





Network Tests	Virtual	P2	7524   7562	DTA	E5	E10	C100-M4
Bandwidth Check			•				
Burst			•				
iPerf L4	•	•	•	•	•	•	
Loopback – L2/L3	•	•	•				
MEF 46			•				
MEF 48			•				
Network Quality (in-band UDP)			•				
Passive Analysis			•				
RFC 2544 L2/3 <sup>1</sup>	•		•		•	•	•
RFC 6349 L4	•	•	•		•	•	
TWAMP L3	•	•	•		•	•	•
WebTest – L5-7 HTTP/S/DNS	•	•		•	•	•	
Y.1564 L2/3	•	•	•		•	•	•
Y.1731 L2			•				

Service and User Experience Tests	Virtual	P2	7524   7562	DTA	E5	E10	C100-M4
5G UE_N2/3	•				•	•	•
AMF	•				•	•	•
Application Traffic	•			•	•	•	•
E911 Routing	•				•	•	•
HTTP	•			•	•	•	•
MCPTT	•				•	•	•
Mobility	•			•	•	•	•
Ookla Speedtest	•			•	•	•	•
PGW	•				•	•	•
Policy & Charging	•				•	•	•
SGW	•				•	•	•
SIP/VoIP	•				•	•	•
SMF	•				•	•	•
SMS / MMS	•			•	•	•	•
Social Media (FB, IG)				•			
UPF	•				•	•	•
Video	•			•	•	•	•
Voice	•			•	•	•	•
WhatsApp				•			

1 Container or x86 VM

**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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