

BROCHURE

Spirent VisionWorks

Optimize user experience with automated, end-to-end network, service, and experience assurance



Deliver outstanding service quality and network performance by harnessing the power of active testing to gain end-to-end visibility, proactive analytics, and automate complex troubleshooting processes.

Did you know:

Tier-1 service providers have achieved a 10x improvement in small cell turn-up and SLA management with VisionWorks

Source: Solving the Challenge of Massive Small Cell Deployment for 5G <https://www.spirent.cn/-/media/>

Digital transformation drives an increase in services, business agility, and the generation of revenue by offering innovative solutions. In order to deliver on this promise, communications providers must reduce operational costs while continuing to support traffic growth and ensure a superior customer experience.

Automate your network awareness

Digital transformation is accelerating trends such as virtualization, SDN, and 5G, which promise increased business agility and new paths revenue. Yet this innovation is compounding network complexity across multiple domains while creating a tsunami of data, challenging operations teams who must maintain superior user experience. These disaggregated and dynamic new approaches require new ways of testing and managing performance that were previously not possible.



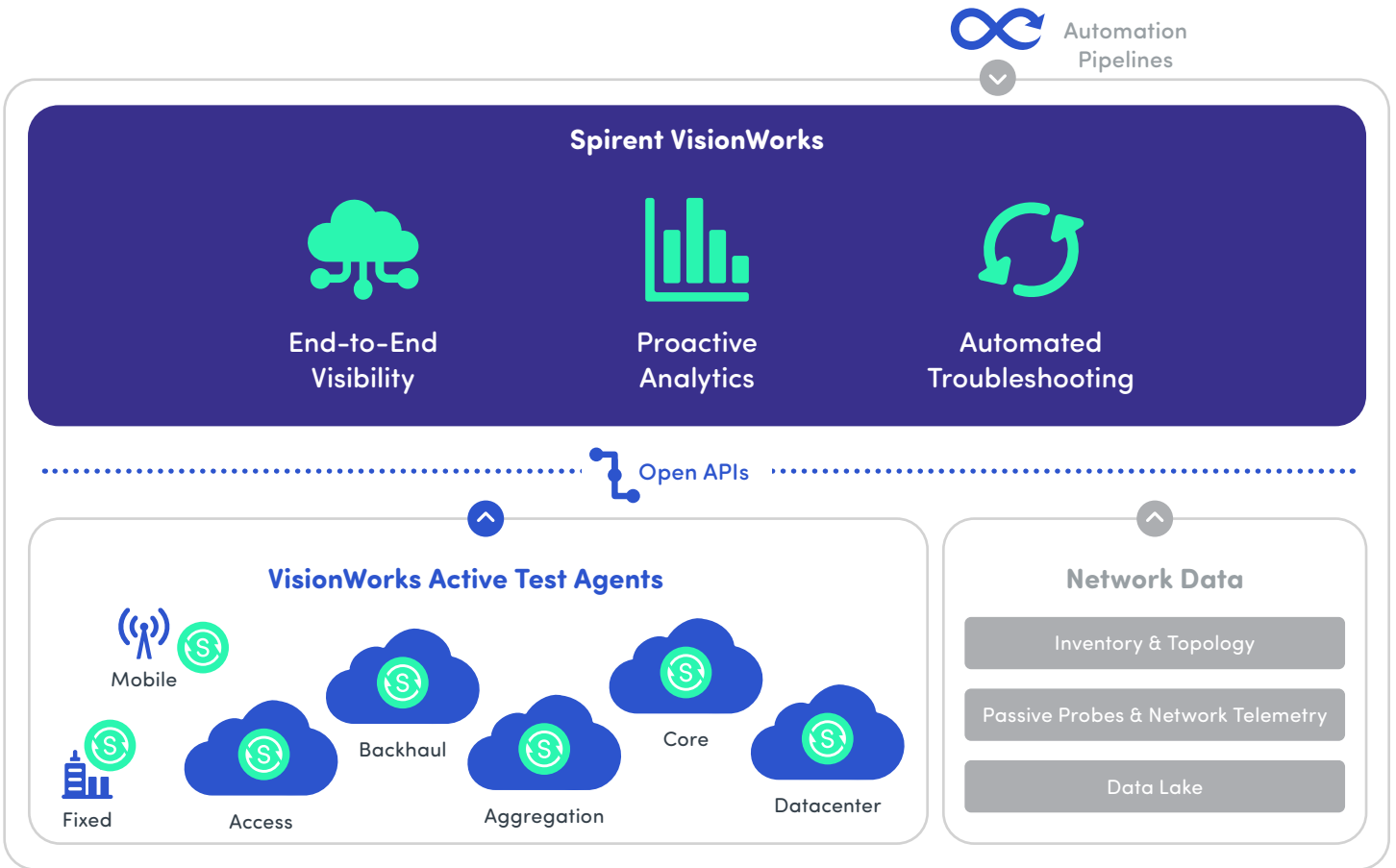
Recent events have driven a 75 percent spike in user consumption, creating a divide between optimizing bandwidth over user experience.

Source: Analysys Mason

With VisionWorks you can:

- **Gain end-to-end visibility.** Expand performance views across the entire network ecosystem by combining active testing with passive data to quickly identify network and service problems.
- **Leverage synthetic traffic.** Stop relying solely on actual traffic to identify issues by injecting emulated user traffic from active test agents supporting activation testing, automated assurance, and troubleshooting.
- **Proactively detect issues.** Verify critical services and link performance before customer usage starts, when traffic levels are low, and proactively identify minor issues before they become major issues anywhere in the network.
- **Automate troubleshooting.** Leverage actionable data and signature-based analysis to detect irregularities and automatically initiate troubleshooting test procedures to rapidly isolate problems.
- **Streamline activation testing.** Integrate automated turn-up testing into orchestration processes to activate new network functions and services while monitoring performance and user experience with active testing.
- **Deliver reliable performance.** Ensure SLAs and performance objectives are met by monitoring critical KPIs that allow proactive identification and remediation of potential issues before services are disrupted.

System Overview



VisionWorks Benefits



Accelerate Time-to-Market

Achieve up to 10x faster turn-up of new network functions and services



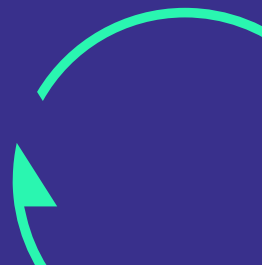
Optimize User Experience

Proactively discover and resolve issues before users are impacted



Reduce Costs

Avoid hours of manual troubleshooting and SLA violation penalties



Use Cases

VisionWorks combines end-to-end visibility, proactive analytics, and automated troubleshooting for full lifecycle support from lab to live.

Network Assurance: Gain insights and visibility across your entire network for a comprehensive view of Ethernet, IP, and SD-WAN networks and services.

Service Assurance: Assure service delivery across fixed, mobile, and converged networks to monitor performance and availability of 3G/4G/5G mobility services.

Experience Assurance: Optimize quality of experience (QoE) by monitoring service delivery from the perspective of customers and users.

At Spirent we understand the challenges our customers face and the pressure to be faster, spend less, and reduce risk. Our products, solutions, and services drive operational excellence across the entire lifecycle, from lab environments to live operations, with industry-leading automation, coverage, and analytics capabilities.

Spirent VisionWorks provides critical insights and automation to optimize performance across every service and network layer.



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

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