

Mobile operators discover the full potential of Ethernet with Spirent's new testing & monitoring solution

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Industry's first integrated 1 GigE/10 GigE testing, diagnostics and performance monitoring solution for live networks drives down capital and operational expenses



Spirent Communications at Mobile World Congress 2010,

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Spirent Communications plc., a leader in networks, devices and services testing, introduced Spirent TestCenter Live, the industry's first integrated 1/10 Gigabit Ethernet (GigE) live network test, diagnostics and performance monitoring solution. Deployed by several providers including a leading North American 4G wireless operator, Spirent TestCenter Live reduces operational costs, increases service quality levels of the Ethernet backhaul and helps deploy services to market faster.

To handle the explosion of high bandwidth application traffic expected to result from 3G/4G enable devices, mobile operators are migrating their backhaul networks from legacy TDM to high speed Ethernet. While operators leverage the operational and cost benefits of Ethernet, they also have to ensure that service quality in the Ethernet backhaul goes beyond "best effort." With Spirent TestCenter Live, mobile operators can remove the guess work out of troubleshooting Ethernet and realize the full potential of Ethernet as an easy to use, cost effective, flexible and scalable network technology.

"Spirent was first to recognize and deliver a solution that directly addressed the complexities of migrating to Ethernet in mobile backhaul," said John Cunningham, vice president of Service Assurance at Spirent. "With Spirent TestCenter Live, testing becomes a competitive advantage for network operators enabling them to maintain backhaul network SLAs, ensure applications performance, as well as quickly activate and provision new services."

Spirent TestCenter Live provides simultaneous on-demand testing and proactive, 24x7 performance monitoring on a single probe. Alternative solutions require multiple probes, multiple vendors or multiple OSS to achieve the same visibility Spirent TestCenter Live delivers. In the end, with Spirent's approach service providers benefit from a huge reduction in total cost of ownership, and continued operational efficiency over the service lifecycle. The live probes with test & diagnostics and performance monitoring interfaces have been specifically designed to maximize cost efficiencies across multiple user groups within the service provider organization. Spirent TestCenter Live can also serve the testing & monitoring requirements of Telcos and Multi System Operators (MSO).

Spirent TestCenter Live reduces technician dispatches and enables the proliferation of Ethernet backhaul circuits without an equivalent increase in staffing. Furthermore, the solution is 40/100GigE ready; supporting the 1/10GigE networks of today, while being prepared to handle the higher speeds of tomorrow.