



## **Spirent Communications Drives Innovation in High Speed Ethernet with New 40/100G Ethernet Test System**

Posted on November 30, 2009, 3:24 pm, by , under [Market](#), [Technology](#).

<http://indiainfotechnews.com/?p=117>

Spirent TestCenter HyperMetrics 40/100G Ethernet Module Extends Ethernet Market Leadership with Highest Scale, Highest Performance Layer 1-7 Test System Continuing on the path of innovation and leadership in Ethernet testing, Spirent Communications plc , the global provider of network, services and device testing solutions, has introduced the Spirent TestCenter HyperMetrics <sup>TM</sup> 40/100 Gigabit Ethernet test module.

Designed to test the performance and scalability of 40/100G Ethernet systems and services, the new module goes beyond test port density to focus on application realism, accuracy and performance per port, reducing operational expenses and total cost of ownership (TCO).

“As service providers prepare to deploy 40/100G Ethernet networks next year, they have to test optical transport, IP routers, and Carrier Ethernet systems for performance, scale, and quality of experience,” stated Michael Howard, principal analyst at Infonetics Research.

“Service providers and network equipment manufacturers need reliable testing products to ensure that the 40G and 100G Ethernet equipment – which promises to perform at up to ten times current speeds and scale – actually delivers. Of the Ethernet testing gear we have seen to date, Spirent’s is among the best, especially at simulating real world services.”

The Spirent TestCenter HyperMetrics 40/100G Ethernet module delivers several industry firsts including the generation of realistic multiplay traffic for the highest scale edge and core IP services testing the highest performance per port and the maximum return on investment. Leveraging Spirent’s HyperMetrics multi-core processor, the new test module validates performance, scalability and realism. Further, to support all aspects of 40/100G Ethernet development the Spirent TestCenter HyperMetrics 40/100G Ethernet modules goes beyond Layer 2-7 to include Layer 1 functional testing.

“Spirent is advancing 40/100G Ethernet deployments by delivering better performance and scalability testing,” said Jeff Schmitz, vice president of Performance Analysis, Spirent. “By offering a solution that addresses the dual challenge of scaling the upper-layer engines to deliver services and quality of experience at four to ten times the current rate, we ensure that our customers maintain brand credibility and subscriber confidence.”

Spirent TestCenter's future-proof architecture with backward compatibility and integrated Spirent NoCode™ automation framework makes the solution the preferred return on investment (ROI) and total cost of ownership (TCO) platform for high-speed Ethernet testing.

Spirent's latest white paper on the challenges and complexity of testing 40G and 100G Ethernet networks addresses how Spirent TestCenter HyperMetrics 40/100G Ethernet modules help address the issues faced today by equipment manufacturers, service providers and organizations with enterprise networks.

(Courtesy: NetEvents)