

**For Immediate Release**

**Leading industry peers join forces to develop Low-cost 100G Multi-Source Agreement**

*10X10 Multi-Source Agreement established to encourage broad adoption of 100G networks based on 10G signaling specifications.*

FREMONT, Calif., December 7, 2010 –Brocade® (NASDAQ: BRCD), Google Inc., JDSU ((NASDAQ: JDSU) and Santur Corporation have announced the formation of a Multi-Source Agreement (the “10X10 MSA”) to establish compatible sources of low-cost, low-power, pluggable 100G optical transceivers based on 10 optical lanes at 10G.

The 2km reach goal of the 10X10 MSA bridges the gap between 100m multi-mode and 10km single-mode solutions enabling the roll-out of new networks capable of delivering exponentially higher bandwidth at a significantly lower cost per bit. Unlike 100m multi-mode based on ribbons of fiber, this solution operates on a conventional Single Mode Fiber (SMF) enabling extended reach of 2Km. Compared with other single-mode 100G implementations, this approach does not require 25G electronics such as gearbox ICs to convert 10G data streams to intermediate 25G lanes.

The purpose of the 10X10 MSA is to deliver the industry’s lowest cost 100G solution over 2Km SMF. The 10X10 MSA enables 100G implementation today in modules compliant to the published CFP MSA specifications. Other 10X10 MSA implementations will leverage existing 10G electronics and optics to deliver higher density 100G modules.

Scott Kipp, Brocade standards representative and Chair of the 10X10 MSA, said: “The 10X10 MSA is ready to define a new price and performance trajectory for 100GbE that will significantly accelerate the adoption and economics of 100G deployment. Leveraging 10G technologies helps the 10X10 MSA provide the lowest cost solution in terms of bandwidth per meter and bandwidth per Watt.”

Santur CTO Milind Gokhale said, "The 10X10 MSA is exciting because it provides a roadmap for cost reduction of 100G optical interconnects. Using parallel optics that runs at the same rate as electrical lanes avoids the excess cost and power associated with gearbox devices and brings significant cost relief to 100G equipment."

For further information, interested parties may visit the 10X10 MSA website at <http://www.10x10msa.org>. Other users and developers who are interested in joining the 10X10 MSA are encouraged to contact MSA members at [info@10x10msa.org](mailto:info@10x10msa.org)

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