Datacom Optics at the Module Level Will Exceed $1.7bn By 2015

DUBLIN -- (BUSINESS WIRE) -- Research and Markets has announced the addition of the "Forecast Update: Datacom Optical Components" report to their offering.

The current forecast period is one of profound change. The transition to 10GbE from 1GbE brings architecture and protocol changes as well as increased speed. Fibre Channel will be affected by converged networking. InfiniBand and proprietary interconnect are hitching themselves to the technology bandwagon for 40 and 100G Ethernet, but they are also steering optical technology in new directions.

Features and benefits include:

* Connect the dots between high-level IT buzzwords like "converged networking" and "flat architecture" and their meaning in the optical modules market.

* Find out how far along the transition to 10GbE is based on system and component data, and what the implications are for 40G and 100G.

* Learn where optics provides value in high-performance computing, system interconnect, and consumer electronics.

Datacom optics at the module level will exceed $1.7bn by 2015, growing at a six-year CAGR 2009-15 of 13%. Merchant discrete components that go into the modules will add an additional amount in excess of $140m, growing at a similar rate. A strong recovery in late 2009 has been followed by flattening in 2010. However, the sedate big picture masks furious product substitution churn. It also masks differences between data centers, enterprise LAN, small and medium business datacom, and high-perfomance computing. For optics, the changes in datacenter and high-performance computing drive the forecast growth.

Late 2011 through early 2013 will be a critical period as we watch what happens with adoption of 10 GbE for LAN-on-motherboard in servers with switches following suit.

Your key questions answered include:

* How quickly is 10GbE substituting for 1GbE? Will 10GBase-T hurt or help optical 10GbE modules?

* How will converged networking affect the Fibre Channel market?

* What are active optical cables and optical engines, and where do they play?

* What are new drivers and directions for optical modules and interconnect technology?

Source URL (retrieved on *04/16/2014 - 4:11pm*):
http://www.wirelessdesignmag.com/news/2011/02/datacom-optics-module-level-will-exceed-17bn-2015