

Motorola Introduces Scalable 10/20 Gigabit per Second Ethernet Platform for Streaming Video-on-Demand Transport

June 14 2004

The new Motorola Multiservice Wavelength Transport Ethernet Aggregation 200 (MWT EA 200) combines high density Ethernet aggregation with optical transport.

HORSHAM, Pa. – 14 June 2004 – Motorola, Inc. today introduced the Multiservice Wavelength Transport Ethernet Aggregation 200 (MWT EA 200), a powerful platform that leverages low-cost Ethernet aggregation technology and high-performance 10 Gbps optical transport technology to deliver video-on-demand and other Ethernet services over a fiber-optic network. Motorola will showcase the platform at the SCTE Cable-Tec Expo (June 15-18, Orange County Convention Center, Booth 2343).

Designed to provide a cost-effective and flexible architecture to enable services such as Video-On-Demand (VOD), the Motorola MWT EA 200 supports Ethernet aggregation and unidirectional or bidirectional transmission services over two 10 Gbps Dense Wavelength Division Multiplexing (DWDM) ITU compliant optical carriers.

Offering up to 20 Gbps of Ethernet aggregation and transport into each compact two-rack unit (2RU) chassis, the Motorola EA 200 decreases the equipment rack space previously required by other transport platforms. This optical element also offers cost-effective scalability in single Gigabit Ethernet increments through the use of Small Form-factor

Pluggable (SFP) components. The EA-200 supports a variety of client-side SFP interfaces, offering flexibility to use copper, 850 nm multimode, 1310 nm single mode, or 1550 CWDM optics. With 10 Gbps ITU wavelengths, multiple EA-200s can be optically multiplexed to transport up to 40 wavelengths of 10 Gigabit Ethernet traffic on a single fiber.

Providing true multiservice convergence, the EA 200 complements the existing Motorola MWT family of products. The product can easily be integrated with any industry standard DWDM optical networking solutions for capacity growth up to 40 wavelengths. Together with the SmartStream™ Interactive Digital Cable System, the EA 200 is a powerful solution in Motorola's end-to-end portfolio for operators looking to deliver VOD services over fiber.

“Motorola's broad portfolio of infrastructure solutions enables operators to leverage our experience in delivering applications over broadband – enabling them to offer ‘connected home’ services throughout their network, regardless of access platform,” said Charles Dougherty, Motorola corporate vice president, and general manager, network infrastructure solutions. “With the introduction of the Motorola EA 200, operators deploying VOD and other Ethernet-based services over fiber can take advantage of our array of solutions for the end-to-end transport of content and services.”

About Motorola Broadband Communications Sector

The Motorola Broadband Communications Sector provides a scalable, integrated end-to-end system for the delivery of broadband services that keeps consumers informed, entertained and connected. Its technology enables network operators and retailers to create and execute on new business opportunities by providing innovative products and services to the home. Customer-responsive design and manufacturing expertise further contribute to the company's position as the world's leading

supplier of digital cable set-tops and cable modems. More information about the Motorola Broadband Communications Sector can be found at: www.motorola.com/broadband.

The original press release can be found [here](#).

Citation: Motorola Introduces Scalable 10/20 Gigabit per Second Ethernet Platform for Streaming Video-on-Demand Transport (2004, June 14) retrieved 25 April 2024 from <https://phys.org/news/2004-06-motorola-scalable-gigabit-ethernet-platform.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.