

Latest news on optical transport networks



Overview

(IN BRIEF) Nokia has unveiled a new range of optical networking innovations designed to support the massive connectivity requirements driven by artificial intelligence, cloud computing and hyperscale data centers. Today is the last day to enter the Leading Lights Awards at the early bird price. This year's program covers agentic AI, satellite, optical networking, security and more. The framework – International Optical Networks towards 2030 and Beyond (ION-2030) – was developed by ITU-T Study Group 15. In the most recent 3Q25 market study, the Optical Transport market posted a 15% year-over-year (Y/Y) gain, moving us to raise our full-year outlook for 2025 and 2026. It was more than just the market's growth rate that led us to raise our forecast; it was the bandwidth. What I mean is that network. Posted on 16, March 2026 by EuropaWire PR Editors | This entry was posted in Artificial Intelligence (AI), Business, Finland, Infrastructure & Utilities, Internet & Online, Management, News, Security & Safety, Technology, Telecom and tagged AI network infrastructure, cloud networking. ♦ NII, NTT, and NTT EAST have successfully demonstrated the world's first 1 optical wavelength-path 2 switching with a wavelength conversion and addition through automated optical transport layer provisioning and control based on real-time network conditions.



Article Content

Nokia Unveils Next-Generation Optical Transport Technologies

Nokia is presenting its latest optical networking strategy and innovations during the OFC Conference in Los Angeles, where company executives will discuss the future of optical transport

FinancialContent

Press Release Nokia launches suite of application-optimized optical solutions for AI-era networks Nokia introduces a new suite of application-optimized coherent transport solutions enabling

OFC 2026 Show Floor Programs Deliver Essential Insights on Market ...

The programs include Market Watch, Data Center Summit, Network Operator Summit and Technology Showcases: Market Watch (March 17–19): A three-day series of panel discussions

Next-generation optical networks to sustain connectivity of the future ...

Optical communications and networks constituting the backbone of Internet infrastructure will thus have to be radically different in the next 10 years and beyond.

Meet the fastest in the industry | Empowering evolution

The new trends in Managed Optical Fiber Networks redefining connectivity Ciena's Kent Jordan explains how cutting-edge optical network innovations are enabling

NOK Stock Price Target | Nokia Analyst Ratings

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ION-2030: Enabling the intelligent optical network era

AI technologies are reshaping how optical networks are designed, managed, and optimized. Using digital twins, multimodal learning, and autonomous control, AI-enabled operations

ADTRAN Holdings, Inc.

Adtran is a leading global provider of networking and communications platforms, software, systems and services focused on the broadband access and optical networking market. We serve a

Artical#2 Beyond the Fiber Cut: Why the Next Great Network

In my latest article, I discuss why modern optical transport security must move beyond the traditional “protect the cable” mindset toward a full Zero-Trust Optical Transport model.

Nokia launches suite of application-optimized optical

Nokia's latest innovations represent a fundamental shift in how optical transport products are designed and developed, delivering application-optimized

Intelligent OptiX Network | OptiX | All-Optical

Huawei's intelligent OptiX network strategy aims to build intelligent, simplified, ultra-broadband, and ubiquitous next generation all-optical networks.

NII, NTT, and NTT EAST Achieve World's First Successful ...

Two use-case verification tests were conducted in an optical transport network environment connecting three data centers (A, B, and C) in Tokyo via optical fiber. This experiment

Contact Us

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