

Net Insight launches world-first media-ready 400G IP solution

Four times higher capacity to meet rising market demand for lower-cost, scalable media transport

Stockholm, Sweden – Net Insight expands its Nimbra media network platform with the launch of 400G (Gigabit Ethernet) capabilities, meeting strong market demand from media companies for affordable connectivity with significantly higher capacity and scalability. Driving the push for 400G is the rising importance of tier 1 live sports and the ongoing transition to remote production. This world-first media network capability demonstrates Net Insight's ongoing commitment to innovative solutions for cost-effective, mission-critical operations.

The addition of 400G to the Nimbra 1000 product family empowers media companies to significantly reduce the cost of connectivity by offering four times the transport capacity. This innovation in high performance media processing is driven by the new Nimbra 1000, Media Acceleration Module. The new hardware and 400G applications offer unique flexibility as a reusable execution platform for various media transport and processing applications. The full potential of the Media Acceleration Module is realized by the accompanying non-blocking 2.4 Tbps switch module.

"400G elevates the entire media processing and transport platform to a future-ready foundation. New generation media networking enables our customers to easily scale live sports and distributed operations," says Christer Bohm, VP Product Management at Net Insight. "We're providing service providers, production companies and broadcasters with the business-critical ability to take advantage of 400G connectivity. Whether you're operating from a stadium, production truck, or central facility, 400G opens opportunities to deliver more content, with less cost."

Media companies requiring higher capacity now have an economical path forward. For example, replacing four 100G links with a single 400G link can reduce monthly costs by up to 70%. Even at lower capacity requirements—like 200G—operators can save up to 40% by transitioning to a single 400G link.

Offering four times the transport capacity, the Nimbra 400G solution is the perfect match for high bandwidth, multiservice workflows. A single Nimbra 1060 chassis offers:

- IP Media WAN transport of up to 2.4Tbps per chassis
- Remote Production of 160 UHD-4K JPEG XS streams per 400G link
- Protected Data Services with 250G of hitless data per 400G link
- Trust Boundary IP demarcation up to 800G per link
- Advanced NMOS 2110 production with thousands of endpoints
- API driven automation of distributed media workflows

The first 400G applications will focus on high-capacity IP media transport, with support for both native 400GbE and denser 100GbE deployments – ideal for stadium-to-hub contribution, remote operations, and multi-feed distribution in sports. New media processing and data applications, taking full advantage of the same game-changing hardware, are in development. The 400G capabilities are planned to be available for delivery in Q4, 2025.

For more information about the new 400G solution and how it takes cost-efficiency, flexibility and performance to the next level, please visit [Net Insight's booth 1.B47](#) at IBC2025 on September 12–15, 2025.

For further information, please contact:

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About Net Insight

Net Insight (Nasdaq: NETI B) provides the highest performing, most open video transport and media cloud technology for content providers as the industry standard for flexibility and service across live contribution, distribution and remote production media workflows.

For over 25 years, the world's leading content owners, broadcasters, production companies, service providers and enterprises have trusted Net Insight's Emmy® Award winning Nimbra technology to guarantee media delivery. Today, Net Insight partners with hundreds of customers in over 85 countries to ensure media flows across managed and unmanaged IP networks, and the cloud – from anywhere, to everywhere. It enables customers to get the best from any mix of virtualized, cloud and IP technology and is the only platform to support all the major industry standards, protocols and clouds.

In addition, Net Insight provides a GNSS/GPS-independent time synchronization solution for 5G and other critical networks, offering high accuracy and performance, reducing costs and accelerating rollouts.

For more information, please visit netinsight.net

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