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# Connectivity Snapshot

INDUSTRY INSIGHTS - SEPTEMBER 2024

## An exciting start to the conference season!

As we move into the winter months, we saw some interesting announcements.

Security, speed, and reliability emerged as central themes, with Ribbon and Telia enhancing Lithuania's rail communications network. Blues showcased its innovative advancements in Industrial IoT, while Cambium and EXFO unveiled new products designed to boost network performance and streamline testing capabilities.

## In this issue:

[Telia Lithuania and Ribbon Upgrade LTG Group's Rail Network](#)

[Chintan Fafadia joins Icomera as Director of Client Success](#)

## Featured Companies

Telia	Athonet
Ribbon Communications	Cambium Networks
Blues	Icomera
Syniverse	EXFO

## Fancy a listen?



## Telia Lithuania and Ribbon Upgrade LTG Group's Rail Network

Telia Lithuania and Ribbon Communications have successfully completed a major network upgrade for LTG Group, Lithuania's state railway company. This project is one of the largest public sector network modernizations in the country over the past decade, aimed at improving the security, speed, and reliability of LTG's communications. The upgrade supports advanced services such as Communications-Based Train Control (CBTC) and includes enhanced cybersecurity measures to meet industry standards. The network overhaul covers architectural design, network node replacement, security systems, and the migration of services, ensuring smoother train operations and efficient office functions. Additionally, it includes seven years of service and support for the new system.

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## Industrial IoT Leader, Blues, to Appear on Viewpoint with Dennis Quaid

The educational program Viewpoint, hosted by Dennis Quaid, has filmed an episode profiling Boston-based Industrial Internet of Things (IIoT) company, Blues. The episode, airing later this fall, will explore Blues' innovative approach to IIoT, showcasing their partnerships with Geocene and Sofar Ocean. It highlights how Blues is revolutionizing cloud connectivity for physical products through embedded intelligence, AI, and sensors, enabling smarter, autonomous decision-making. The segment will feature Blues' key products, the Notecard and Notehub, and emphasize the role of data in today's economy, showing how Blues simplifies IIoT processes for businesses, making data more accessible and actionable.

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## Syniverse, Athonet, and Federated Wireless Join Together to Provide a Private Network Solution for Enterprises

Syniverse has partnered with Athonet and Federated Wireless to provide a private network solution that allows mobile devices to seamlessly roam between private and public networks. This solution, built on Amazon Web Services (AWS), integrates Syniverse's Global SIM and IPX with Federated Wireless' CBRS-enabled access points and Athonet's private wireless services. It addresses the challenge of "private island" networks, extending connectivity for industries such as logistics, asset tracking, education, and government. The collaboration simplifies enterprise deployment of private 5G networks, enabling real-time data feedback and seamless device transition between networks, enhancing IoT capabilities and business efficiency.

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## EXFO's FTBx-570 Dispersion Analyzer Ranks High in 2024 Diamond Technology Reviews

EXFO's FTBx-570 single-ended CD/PMD dispersion analyzer has been recognized with a 4.5 score by the 2024 Lightwave+BTR Diamond Technology Reviews, highlighting it as one of the top products in the broadband cable industry. The FTBx-570, the only cloud-connected, single-ended solution for measuring chromatic and polarization mode dispersion in fiber optic networks, is the fastest version EXFO has released. This high-ranking product is praised for its technical features and substantial benefits, cementing EXFO's leadership in the communications test, monitoring, and analytics space.

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## Chintan Fafadia joins Icomera as Director of Client Success

Chintan, with over a decade of experience in product management, sales, and leadership within telecommunications and broadband technology, has joined as Director of Client Success. In this role, he will focus on building strong client relationships, overseeing project delivery, and ensuring network quality. Chintan's background in IIoT, 5G, and public safety solutions, combined with his leadership at PCTEL, where he expanded into new markets and launched innovative platforms, positions him as a visionary leader. His appointment strengthens the company's commitment to delivering top-tier solutions and exceptional client service, aligning with Icomera's mission to enhance public transportation through smarter, safer connectivity.

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## Cambium Networks Unveils the New PMP 450v 2x2 Subscriber Module Operating in 5 GHz and 6 GHz in a Single Platform Featuring Enhanced Performance and Flexibility for Network Operators

Cambium Networks has launched the PMP 450v 2x2 Subscriber Module, a high-performance addition to its networking solutions portfolio. Designed to deliver over 600 Mbps throughput across the 5-7 GHz spectrum, it supports up to 80 MHz channel bandwidth and incorporates a flexible FPGA-based architecture for easy updates. With advanced features like Automated Frequency Coordination (AFC) for simplified 6 GHz spectrum management, the module enhances network capacity and reduces interference, making it ideal for high-demand environments. Seamlessly integrating with Cambium's cnMaestro™ management system, the PMP 450v 2x2 provides robust, flexible, and scalable solutions for network operators.

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