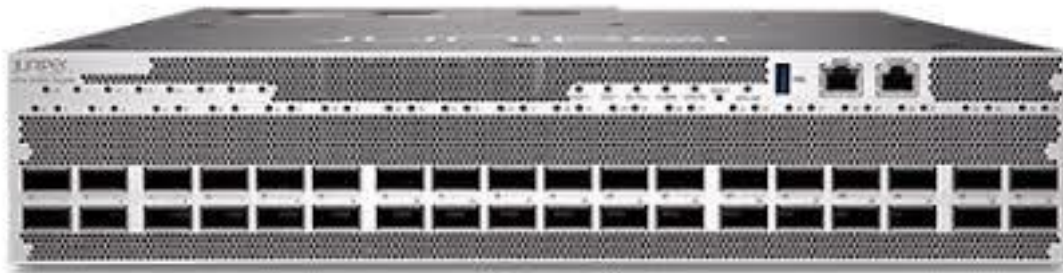




February 2025

Juniper Networks & Elisa Oyj: World's First 800ZR Service Deployment



Amid its shift to IP video, Comcast has told customers that it will no longer provide new CableCARD security modules to new or existing customers starting on October 24.

Feb. 26, 2025

[Lightwave Staff](#)

(Source: www.lightwaveonline.com)

In November 2024, Juniper Networks®, Finnish telecom and digital service provider Elisa Oyj, announced deploying 800Gbps Ethernet services over 800ZR coherent transceivers in an IP-over-DWDM (IPoDWDM) transformation. Using Juniper Networks™ PTX10002-36QDD Series Router and JCO800 coherent optics, the 800ZR enhanced backbone connection allows Elisa to increase the speed and capacity of its optical fiber and mobile networks in support of the AI and cloudification evolution. Elisa's 800ZR deployment took place in November 2024 and is based on Juniper's PTX10002-36QDD (released in August 2024) using early release versions of Juniper Networks JCO800 coherent pluggable optics; 800Gbps, ZR/ZR+ technology, QSFP-DD form-factor. Designed to support standards-based 100G-ZR, 400ZR/ZR+ and 800ZR/ZR+ transceivers, Juniper's PTX10002-36QDD gives operators the flexibility to selectively deploy either lower cost/reach direct-detect optics, or high-performance coherent optics on a port-by-port basis with no density/power limitations.

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Frontier scales fiber customer base with 97K new customers in Q4



The company continues an investment strategy focused on fiber network expansion.

Feb. 24, 2025

(Source: www.lightwaveonline.com)

Frontier's fiber broadband expansion continues to bear fruit as the service provider scales its customer base, a trend that continues into the fourth quarter.

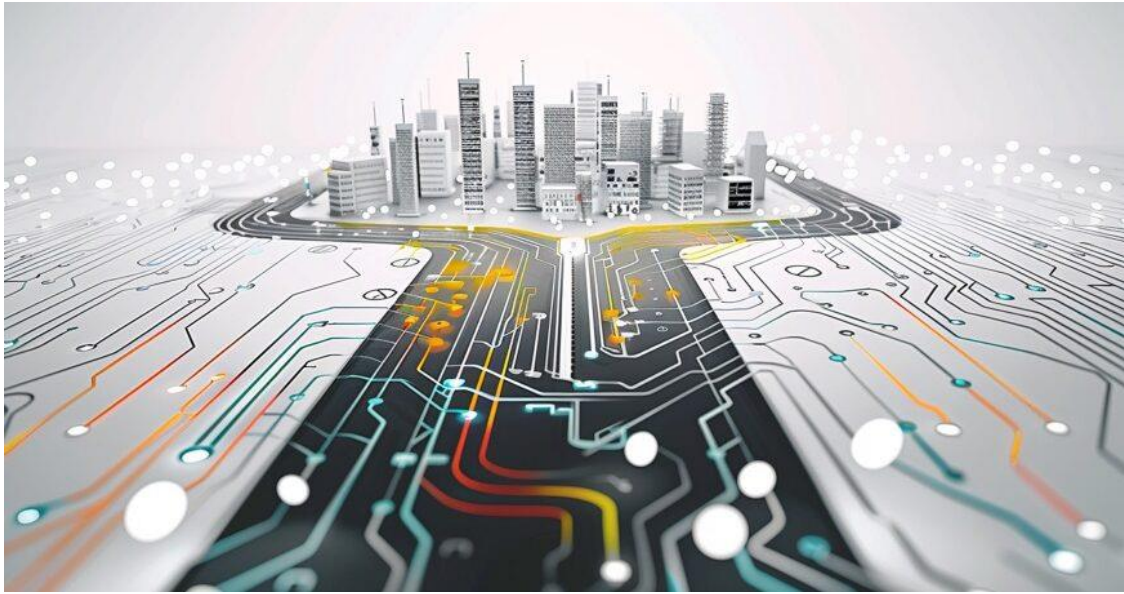
During the quarter, telco added 97,000 fiber broadband customers, resulting in 19.2% year-over-year growth in fiber broadband customer numbers.

In the company's earnings release, Nick Jeffery, Frontier's president and CEO, said that the company's results reflect its achievement of the growth goals set when the service provider installed a new management team and emerged from bankruptcy in 2021.

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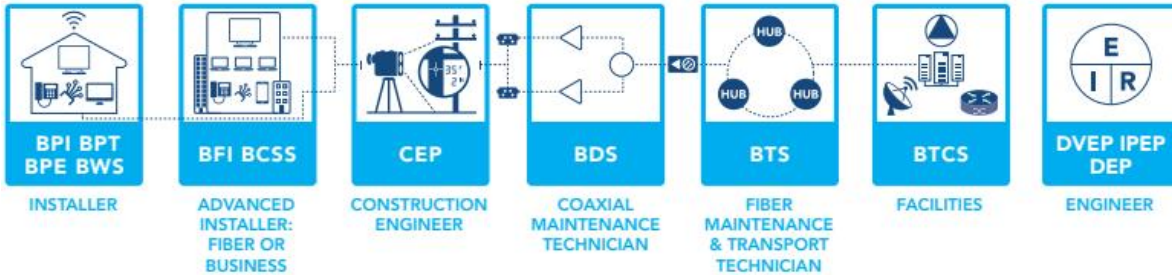
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