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# Actelis Networks Achieves First Meaningful Deployment of Its Legacy T1 To Fiber Solution with Major U.S. Carrier

*Actelis technology selected to support a major carrier's multi-state customer base to modernize legacy T1 and TDM networks in the United States*

*Recent U.S. government FCC proposal to accelerate copper-network retirements may create further demand for modernization solutions such as Actelis' technology*

SUNNYVALE, Calif., Dec. 08, 2025 (GLOBE NEWSWIRE) -- Actelis Networks, Inc. (NASDAQ: ASNS) ("Actelis" or the "Company"), a market leader in cyber-hardened, rapid deployment networking solutions for IoT and broadband applications, today announced it has achieved its first meaningful deployment of a new solution within its MetaLIGHT product family, with a major U.S. telecommunications carrier operating across more than 20 states. This deployment represents an important milestone in addressing the convergence of legacy T1 lines onto modern fiber connectivity infrastructure.

The MetaLIGHT 650SV is specifically engineered to enable telecommunications carriers to rapidly modernize and consolidate hundreds of thousands of active legacy T1s that currently remain deployed across North America and transition them onto fiber-based networks. This deployment with the carrier demonstrates Actelis' ability to deliver a practical, cost-effective pathway for one of the industry's most significant infrastructure modernization challenges: transitioning hundreds of thousands of legacy T1s that continue to serve enterprise, government, and institutional customers across the nation onto modern infrastructure, while maintaining the service and without disruption of the end customers.

Legacy TDM-based services remain widely deployed across the United States, and recent regulatory initiatives by the Federal Communications Commission (FCC) are positioned to accelerate copper-network retirements<sup>1</sup>, underscoring the urgency for carriers to modernize these connections efficiently and with minimal service disruption and capital expenditure.

"This deployment with a major carrier operating across 20+ states represents exactly the type of strategic engagement we have been working toward," said Tuvia Barlev, Chairman and CEO of Actelis. "Our solution is purpose-built to solve the T1 convergence challenge that carriers face across their entire footprint. By providing a clear path to migrate legacy lines onto modern fiber infrastructure without requiring simultaneous complete fiber deployment in every location, we are enabling carriers to achieve service modernization goals while offering significantly improved economics as compared to the alternatives. This first meaningful deployment validates our market approach and positions us for significant expansion with this customer and across the carrier market."

The deployment establishes a foundation for potential large-scale network modernization

programs across the carrier's extensive 20+ state service territory. As the carrier expands deployment of the MetaLIGHT 650SV across additional regions, Actelis anticipates continued growth in orders as the transition from legacy T1 infrastructure accelerates.

### **About Actelis Networks, Inc.**

Actelis Networks, Inc. (NASDAQ: ASNS) is a market leader in hybrid fiber-copper, cyber-hardened networking solutions for rapid deployment in wide-area IoT applications, including government, ITS, military, utility, rail, telecom, and campus networks. Actelis' innovative portfolio offers fiber-grade performance with the flexibility and cost-efficiency of hybrid fiber-copper networks. Through its "Cyber Aware Networking" initiative, Actelis also provides AI-based cyber monitoring and protection for all edge devices, enhancing network security and resilience. For more information, please visit [www.actelis.com](http://www.actelis.com).

### **Forward-Looking Statements**

This press release contains certain forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These statements are identified by the use of the words "could," "believe," "anticipate," "intend," "estimate," "expect," "may," "continue," "predict," "potential," "project" and similar expressions that are intended to identify forward-looking statements. All forward-looking statements speak only as of the date of this press release. You should not place undue reliance on these forward-looking statements. Although we believe that our plans, objectives, expectations and intentions reflected in or suggested by the forward-looking statements are reasonable, we can give no assurance that these plans, objectives, expectations or intentions will be achieved. Forward-looking statements involve significant risks and uncertainties (some of which are beyond our control) and assumptions that could cause actual results to differ materially from historical experience and present expectations or projections. Actual results may differ materially from those in the forward-looking statements and the trading price for our common stock may fluctuate significantly. Forward-looking statements also are affected by the risk factors described in the Company's filings with the U.S. Securities and Exchange Commission. Except as required by law, we undertake no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise, after the date on which the statements are made or to reflect the occurrence of unanticipated events.

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<sup>1</sup> *FCC Proposes Updates to Network Change Disclosure Rules to Facilitate Copper Network Retirements*

<https://docs.fcc.gov/public/attachments/DOC-413200A1.pdf>



Source: Actelis Networks, Inc.