

Unlocking 5G Readiness: How Techwave's Wireline Solutions Boosted a Leading Broadband Provider's Reach Across 8 Markets and 50,000+ Living Units

Client Overview: The client is a leading US-based cable provider that delivers advanced digital wireless and wireline services across multiple states connecting over 500,000 customers. They are specialized in providing advanced services to rural and underserved markets.



Challenges



- Demand spike for FTTH networks disrupted supply chains in obtaining cabinets and multi-ports for centralized split designs.
- Obtaining County jurisdiction permits, especially for network designs, was a pressing challenge.

Our Solution



- Ensured strict compliance to the municipal guidelines streamlining permit acquisitions for both areal and underground networks.
- Transitioned from centralized to distribution-split design to counteract material shortages.

Business Impact

Leveraging Techwave's expertise in wireline and wireless services, the client optimized splitter usage in remote regions, extending their reach and preparing their network for 5G services. Thereby providing top-tier internet and phone services for both residential and corporate customers.

15,252
living units

Constructed units
across 8 markets.

1000
Permits

Revamped units
from other vendors.

50,000
living units

Secured permits from
diverse agencies



Why Techwave?

Established in 2004, Techwave is a leading global Engineering & IT Services firm, with 1000+ professional Telecom engineers and field technicians. Our commitment to quality deliverables along with automation, digital engineering, and strategic alignment ensures optimum project outcomes. Leveraging technical expertise, quality control, and corporate governance, Techwave has emerged as a trusted partner for top-tier telecom operators worldwide.



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