

AMT EDGEVAULT

Secure Power. Connected Edge. No Building Required.

Integrated ROADM technology extends the edge network without a conventional hub site. Hardened optical electronics deliver high-capacity optical transport, on a resilient power foundation.

**Up to a week
of power***

Minimum backup autonomy keeps transport lit

2 → 8

ROADM degrees, scaling as the network grows

CDC

Colorless, directionless, connectionless FlexGrid

Power and optics in one hardened enclosure

- **CDC FlexGrid ROADM:** compact, carrier-grade transport, environmentally hardened for outside plant.
- **Built-in visibility:** integrated add/drop, testing and monitoring, with software-defined management.
- **Open by design:** supports alien wavelengths, with no proprietary OLT or optical transport choice required.
- **Resilient power built in:** up to a week of backup autonomy* from -48V DC rectification, hybrid supercapacitor and SOFC generation.

Flexible, building-free installation

Optical broadband cabinets support above- or below-grade installations. Optional flush-grade underground vaults with extractable 19-inch racks can house optical distribution, rectification, energy storage and, where specified, ROADM and related electronics. The fuel cell and its fuel supply always remain above ground.



Vault



Open / Closed



No Shelter Required

TARGET APPLICATIONS

Distributed XGS-PON and future PON · Rural and municipal broadband · Remote OLT resiliency retrofits · Space-constrained rights-of-way · Optical aggregation and hub rationalization

*Target outcomes, including up to a week of power autonomy, five-nines availability, long-haul optical reach and TCO savings, require configuration-specific engineering and validation.

Design your EdgeVault site with AMT.

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