



ADTRAN®

MX410 and MX412
DS0/DS1 Bandwidth
Management Devices



MX410 and MX412

DS0/DS1 Bandwidth Management Devices

ADTRAN® offers a wide variety of products that allow wireless service providers to cost-effectively expand their reach and services, to meet a growing list of customer needs. The MX4 Series addresses the need for efficient bandwidth utilization. They both deliver full DS0 control to service locations, allowing full utilization of DS1 bandwidth. Up to 12 full T1s of bandwidth are provided and are accessible at any point along the DS1 path.

The MX4 Series At-a-Glance

- All-in-one cell-site 1/0 grooming, network optimization, and remote management
- DCS and groom DS0s at any point in the backhaul network for supporting multiple base station technologies
- Ethernet access for LAN Extension, Terminal Server for monitoring power plant and other cell-site equipment, E911 connectivity, and alarm inputs
- Complete cell site device management with performance monitoring and reporting
- Reduces dropped calls and network costs by knowing what's going on at cell-sites
- Carrier-class solution with environmentally hardened chassis, support for +/-24VDC or -48V DC, and battery backup



Single Platform Solution

ADTRAN's MX4 Series offers an innovative, single platform solution for complete bandwidth utilization and remote management.

- Drop and insert up to 24 DS0 signals from any DS1 interface on the terminal side
- Supports transport of digital and analog radio data
- Integrated CSU/DSU functionality

Economical Design

The MX4 Series costs less than half the price of other early generation remote management and bandwidth utilization products.

- Practical and efficient DS1 networking
- DS0 grooming allows for bandwidth allocation for special services such as E911 through a V.35 port
- Functional T1s may be groomed for maximum bandwidth efficiency
- FXS port available on the MX412

Space Saving Chassis

ADTRAN's MX4 Series is packaged in a 1RU, 19-inch chassis with an optional 23-inch adapter.

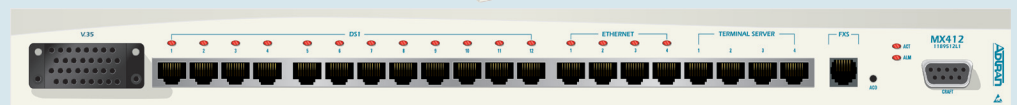
- Environmentally hardened
- Operational temperature: -40° C to 65° C with a storage temperature of -40°C to 85° C
- Battery backup
- Backhaul radio management
- Supports +24 VDC or -48 VDC

ADTRAN Solutions for Wireless Carriers

For more than 20 years ADTRAN has successfully provided network access solutions optimizing cost, performance, and business success. ADTRAN's award-winning customer service and technologically advanced products are perfectly suited for wireless carrier networks from the MSC/MTSO to hub and cell sites.

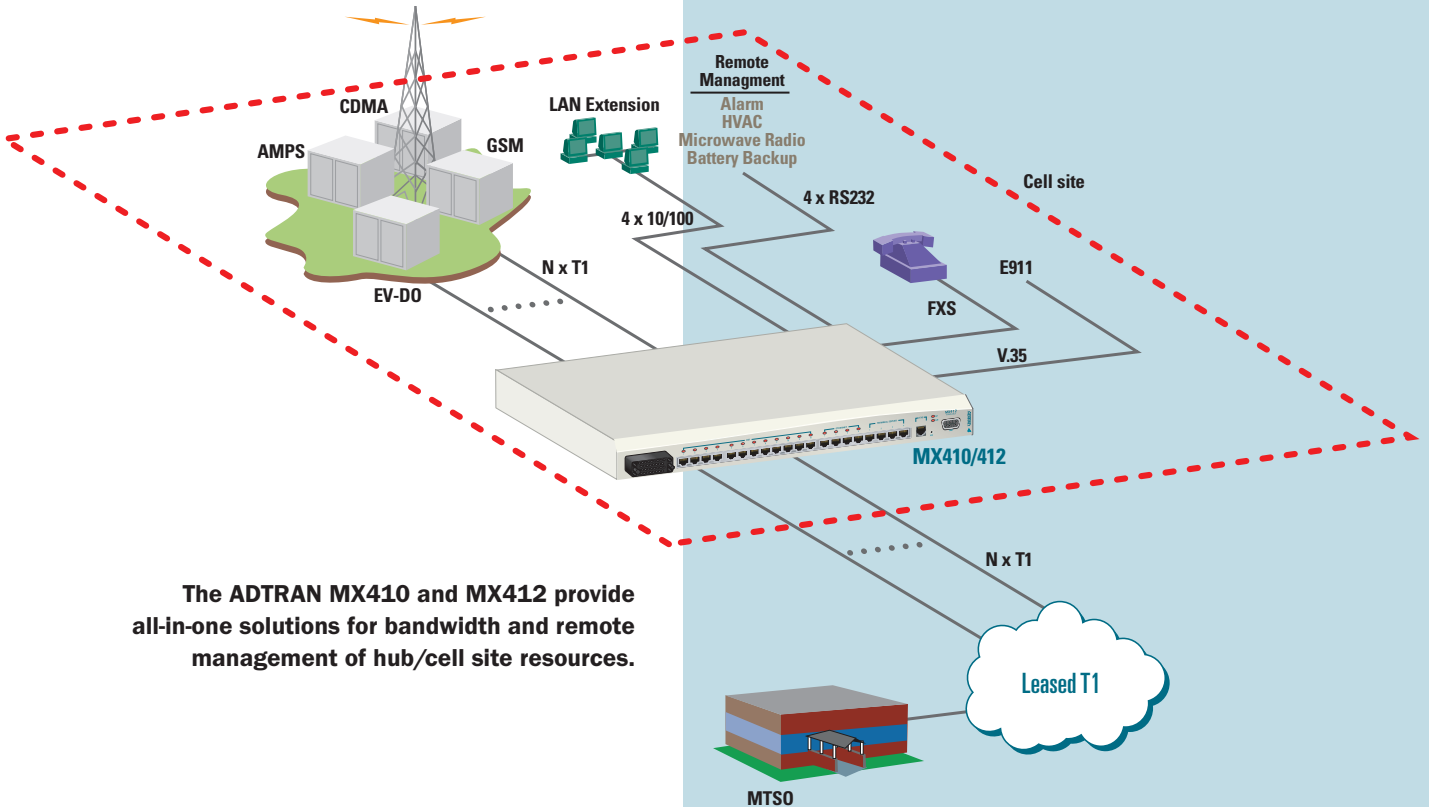


MX410 Multiplexer



MX412 Multiplexer

Complete Remote Management and Bandwidth Utilization



The ADTRAN MX410 and MX412 provide all-in-one solutions for bandwidth and remote management of hub/cell site resources.

For more information about ADTRAN's MX410 and MX412, visit www.adtran.com/mx410

Evolve and Grow Your Wireless Network with ADTRAN

ADTRAN's wireless solutions enable service delivery for current and future network requirements including TDM, ATM, Ethernet, and IP/MPLS. ADTRAN service delivery options for wireless access are cost-effective, manageable, and reliable. ADTRAN understands the challenges that impact delivery of services to cell sites and the demand for new applications by customers. These solutions meet this demand and reduce subscriber churn by delivering advanced services while reducing overall equipment costs.

ADTRAN, Inc.

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Smart Solutions for a
Connected World.

