

ADTRAN has the formula for business success.

$$\text{(customer satisfaction)}^{n^{\text{th}}} \times \int_{\text{today}}^{\text{tomorrow}} (\text{technology} + \text{value}) dt = \text{business success}$$

ADTRAN's M13 multiplexing systems are optimized for high-density applications with effective cable management and space savings.

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ADTRAN® Experts choose ADTRAN.™

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For more information about how ADTRAN can help you incorporate cost-saving solutions into your network, visit www.adtran.com or call 888 ADTRAN9 today.

High Density

Multiplexing Systems for M13 Applications and Services



MX2820

ADTRAN®

High Density

A great idea gets even better—

Using an M13 multiplexer to manage your DS1 business has its advantages – lower costs, simplified operations and new business opportunities. The ADTRAN® MX2820™ helps you manage your success by addressing space, cost, heat and management concerns with a multi-mount M13 system.

High Density

The MX2820 requires just 2U of rack space to provide nine fully redundant M13s in a 23-inch chassis. Using the MX2820, a NEBS-compliant 7-foot rack will accommodate 63 redundant M13 multiplexers with passive cooling; 81 redundant M13 multiplexers with active cooling.



Cost
Break-even points at just a few single M13 units

Space
Nine redundant M13s in just 2U of space

Reliability
1:1 protection for all DS3 and DS1 interfaces

Management
Single IP address for entire system configuration, advanced diagnostics and PM

1:1 Protection at 1:N Cost

ADTRAN takes reliability very seriously, offering a 10-year warranty eliminating the switching relays, single points-of-failure, and design complexities associated with 1:N systems. ADTRAN's 1:1 protection is the result of custom silicon development that reduces failover switch time and cost while increasing density and reliability. Redundancy is provided on every DS3 and DS1 interface.

Effective Cable Management

ADTRAN understands the challenges of high density wiring configurations from bend radius to signal crosstalk and has partnerships with connector manufacturers to pioneer a new

MX2820 backplane detailing ADTRAN's simplified, economical cable management system.

Also available in a 19-inch chassis with seven fully redundant M13s in 2U of rack space. (pictured on front cover)



Single IP

standard in dense cable management.

ADTRAN supplies a variety of cost-effective adapter cables and custom length configurations and will work with you, and your cabling contractors, to produce the optimum implementation to fit your specific needs.

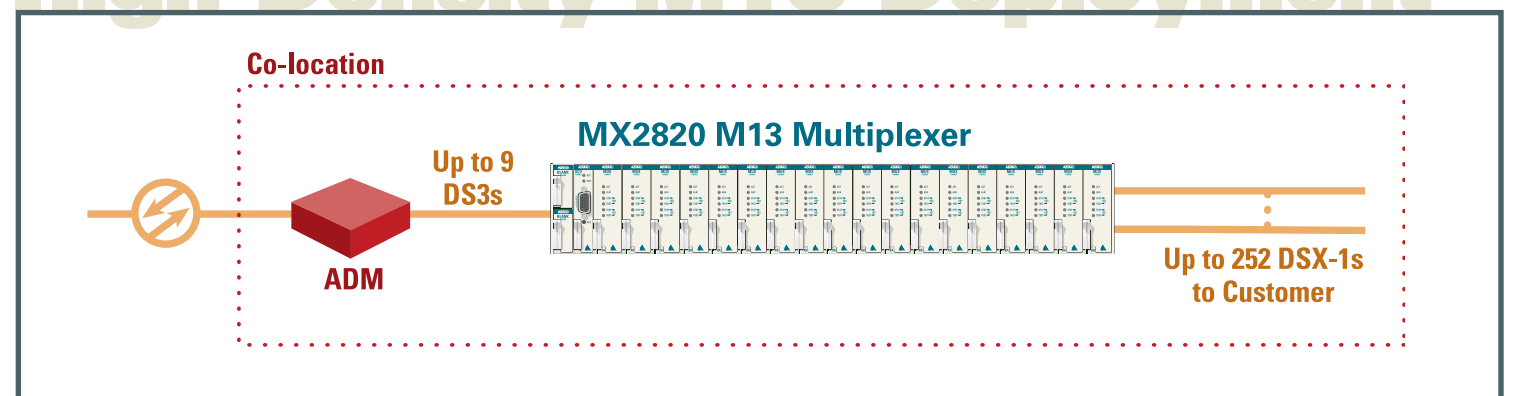
Simplified Operations

The MX2820 requires only one IP address to manage all nine M13 multiplexers. Intuitive menus can be accessed through local craft and

Telnet interfaces, along with SNMP and TL1 capabilities to fulfill any additional remote management requirements. Provisioning data is stored on active and standby M13 multiplexers, enhancing system serviceability by simplifying "hot swap" procedures. The MX2820 can be flash downloaded to accommodate future enhancements.

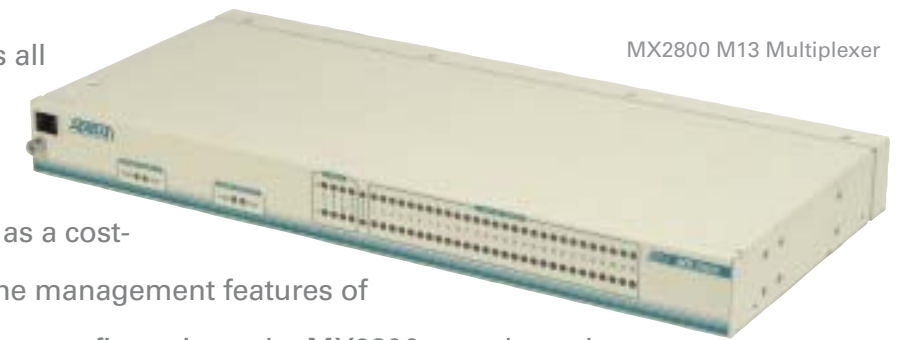


High-Density M13 Deployment



MX2800

Sometimes a single M13 multiplexer is all you need. The ADTRAN MX2800™ has become the industry's most popular single M13 unit, earning its reputation as a cost-effective, workhorse system. With all the management features of the MX2820 and availability in numerous configurations, the MX2800 completes the ADTRAN portfolio of M13 solutions.



MX2820

MX2800

Reliability