

X-Series

Product Portfolio

Xtra Speed.
Xtreme Scalability.
Xcellence in Performance.

Telco Systems X-Series offers state-of-the-art Network Edge solutions designed for service providers and enterprises. Built for scalability, reliability, and efficiency, these products empower the most demanding networks.

X-MARC 3352

Compact and Reliable Connectivity for Metro Networks



Ports: 12x1G SFP + 4x10G uplinks

Switching Capacity: 320Gbps

Design: Compact IRU with extended temperature support (-20°C to +65°C)

Highlights

- ✓ **Compact, High-Capacity Design:** 52 Gbps switching capacity with 4x10G and 12x1G ports in a IRU form factor.
- ✓ **Extended Temperature Support:** Operates reliably in -20°C to +65°C environments.
- ✓ **Advanced OAM and Timing:** SyncE, 1588v2 (TC), and hardware-based OAM for precise synchronization and diagnostics.

Features

- ✓ MEF-compliant ELINE, ELAN, ETREE.
- ✓ MPLS redundancy, DHCP snooping, and port security.
- ✓ QoS with advanced shaping and scheduling.
- ✓ ZTP, SNMP, and digital diagnostics for easy monitoring.

Icons: Compact and Efficient, Built for Scalability, Resilient and Secure, Precision Timing

X-METRO 8424H

High-Capacity Performance for Xtreme Conditions



Ports: 4x100G/40G + 24x25G/10G/1G

Switching Capacity: 2 Tbps

Design: Temperature-hardened, IRU

Telco Systems' first-ever 100G device with SFP28/SFP+/SFP ports for 25G/10G/1G connectivity. **XM-8424** sets a new benchmark for high-capacity Carrier Ethernet solutions. Designed for demanding broadband and backhaul applications, it combines compact design with exceptional throughput and advanced traffic management.

Highlights

- ✓ **First-Ever 25G Ports:** Supports 100G/25G/10G/1G connectivity with QSFP28/QSFP & SFP28/SFP+/SFP versatility.
- ✓ **Built for Harsh Environments:** Operates reliably in temperatures ranging from -40°C to +65°C.
- ✓ **2 Tbps Switching Capacity:** Compact IRU design with robust performance for large-

Features

- ✓ Advanced Layer 2/3 and MPLS functionality for seamless aggregation and backhaul.
- ✓ Precision timing with SyncE and 1588v2 for low-latency operations.
- ✓ OAM and QoS tools for high-quality traffic management.
- ✓ Ideal for high-density broadband and 5G backhaul applications.

Icons: Compact Yet Versatile, Built for Xtreme Environments, Advanced Clock Sync, High-Capacity Network Slicing & QoS

X-METRO 8102

Cost-Efficient Power for High-Speed Networks



Ports: 2x100G + 24x10G/1G/100M SFP+

Switching Capacity: 640 Gbps

Design: Compact IRU

Compact, cost-effective, and purpose-built for metro access, **XM-8102** supports 8x1G SFP ports and 24x10G uplinks. Combines robust performance, energy efficiency, and precise timing to enable seamless and reliable access solutions. Ideal for Carrier Ethernet access and aggregation, it balances affordability with robust functionality.

Highlights

- ✓ **Compact and Cost-Effective:** 2x100G ports and 24x10G uplinks.
- ✓ **Optimized for Mobile Backhaul:** Low-latency, high-reliability solution for service providers.
- ✓ **640 Gbps Switching Capacity:** High throughput for growing network demands.

Features

- ✓ Advanced MPLS capabilities for seamless network integration.
- ✓ SyncE support for precise clock synchronization.
- ✓ Simplified management with hardware-based OAM and real-time traffic monitoring.

Icons: Cost-Effective Design, Compact for Mobile Backhaul, High Precision SyncE, Resilient and Reliable

X-METRO 7280

Compact Performance for 4G/5G Backhaul



Ports: 28x10G SFP+

Switching Capacity: 500Gbps

Design: Compact IRU

Built for scalable access and aggregation, **XM-7280** features 28x10G SFP+ ports, delivering high-speed connectivity with precise timing. Compact IRU design and robust performance. A flexible solution for growing networks.

Highlights

- ✓ **High-Capacity Switching:** 500 Gbps performance in a compact IRU design.
- ✓ **Optimized for Carrier Ethernet:** Ideal for 4G/5G mobile backhaul and fixed-mobile convergence.
- ✓ **Precision Timing:** SyncE and 1588v2 for accurate network synchronization.

Features

- ✓ Advanced Layer 2/3 capabilities for seamless integration.
- ✓ Hardware-based OAM for real-time monitoring and troubleshooting.
- ✓ Reliable operation in harsh environments with ETSI compliance.

Icons: Compact Form Factor, High-Capacity Switching, Flexible Port Options, Reliable Timing

X-METRO 7380

High-Density Connectivity for Scalable Networks



Ports: 20x10G + 32x1G

Switching Capacity: 640Gbps

Design: IRU

XM-7380 is a high-density Carrier Ethernet solution offering 20x10G SFP+ and 32x1G SFP ports. Impressive switching capacity, advanced traffic management, and compact form make it a powerful choice for bandwidth-intensive networks.

Highlights

- ✓ **Versatile Port Options:** 20x10G SFP+ and 32x1G SFP for flexible deployments.
- ✓ **Compact and Efficient:** IRU design for space-constrained environments.
- ✓ **640 Gbps Switching Capacity:** Robust performance for high-demand applications.

Features

- ✓ Advanced Layer 2 and MPLS functionality for efficient traffic handling.
- ✓ Precision timing with SyncE for reliable synchronization.
- ✓ QoS and OAM tools for consistent service quality.

Icons: High-Capacity Switching, Scalable Port Options, Reliable Synchronization, Advanced Traffic Management

EDGE-GENIE Service Management

Provision, Monitor, Maintain and Optimize your Network Edge

Gain unprecedented visibility of your end-to-end Network Edge Deployment Lifecycle

Telco Systems' Edge-Genie Orchestrator delivers an advanced, unified management platform for provisioning, monitoring, and troubleshooting the entire X-Series portfolio.

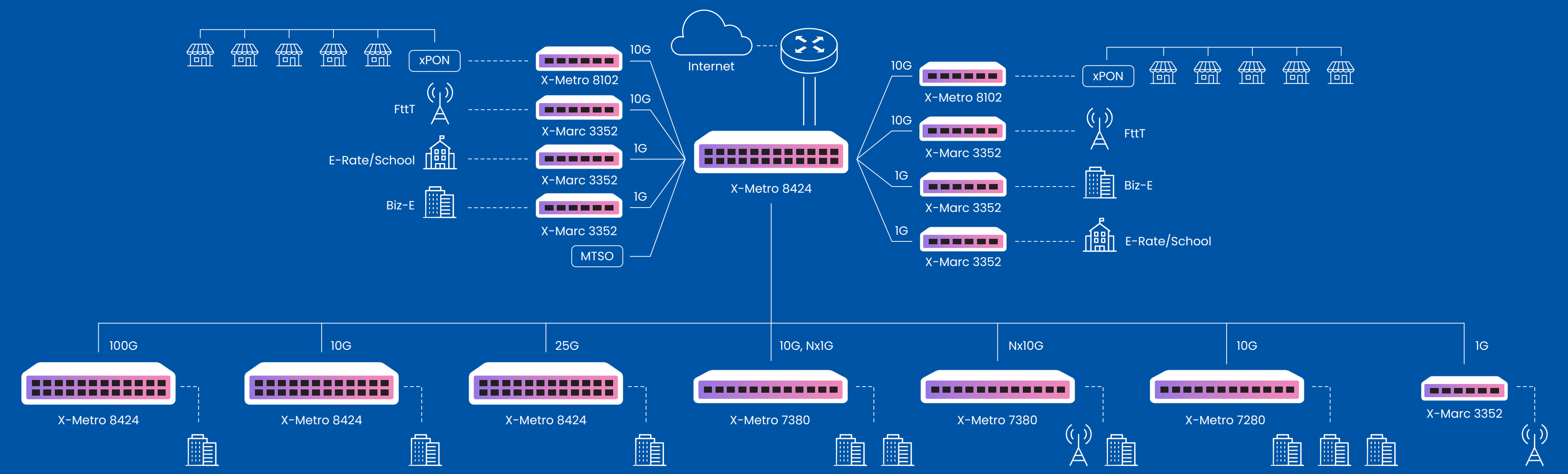
- CENTRALIZED MANAGEMENT FOR ALL X-SERIES DEVICES**
- SEAMLESS PROVISIONING OF CARRIER ETHERNET SERVICES WITH MINIMAL MANUAL INTERVENTION**
- REAL-TIME PERFORMANCE MONITORING AND ANALYTICS FOR PROACTIVE MAINTENANCE**
- OPEN APIS FOR EASY INTEGRATION WITH THIRD-PARTY SYSTEMS**

Product Highlights

- End-to-end service enabling
- Next generation GUI design
- Robust and scalable multi servers architecture with full component resilience
- End-to-end multi protocol provisioning, including both MPLS and Ethernet tunnels
- End-to-end computation of redundant paths to protect services
- GUI-based service analyzer for quick visual access to services
- Customer Network Management to allow end users to manage their own services
- Standard (MTSO compliant) north-bound interface

Why Choose Telco Systems' X-Series?

- Scalability:** Solutions that grow with your network demands.
- Efficiency:** Compact, energy-saving designs.
- Performance:** Advanced features like SyncE, 1588v2, and QoS for superior connectivity.



Future-proof your Network with X-Series

Feature	XM-8424	XM-8102	XM-7380	XM-7280	XM-3352
Ports	4x100G/40G+ 24x1G/10G	2x100G+ 24x10G	20x10G+ 32x1G	28x10G	4x10G+ 12x1G
Temperature Hardened	Yes	No	No	No	No
Power Supply	AC/DC Redundant	AC/DC Redundant	AC/DC Redundant	AC/DC Redundant	AC/DC Redundant
Timing Support	SyncE, 1588v2	SyncE	SyncE	SyncE, 1588v2	SyncE

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