

# Service Provider Solutions Guide



## Point System™ Chassis

The Point System™ is a cost effective, configurable, fully managed chassis that allows service providers the flexibility required to deploy a variety of services in a single chassis. The Point System™ is rack mountable and available with AC or DC power supplies. In addition, all slide-in-cards, power supplies and fans are hot swappable. Each Point System™ slide-in-card can be inserted into any slot on the chassis to best suit your application.



## 10/100 + 10/100/1000 OAM 802.3ah/IP-Based Remotely Managed NIDs

Service Providers can manage the entire optical link from the CO to Demarc. Link monitoring, OAM and/or IP-based remote management, loopback, bandwidth allocation, VLAN and QoS management, customer support and troubleshooting can now be done with these MEF compliant NIDs.



## Increase Bandwidth Capacity

Carrier Ethernet Providers can now increase bandwidth on their existing fiber infrastructure with Transitions Networks' CWDM offering and Dual Strand to Single Strand devices. Increase capacities by factors of 2,4, 8, or 16 on routes with fiber exhaustion, while eliminating the need to install or lease additional fiber.



## Multi-Layer Managed Switches

MILAN Multi-Layer Ethernet switches deliver maximum throughput and flexibility where you need it - to high-density work groups at the edge of the network, to remote devices requiring power and data, or in the backbone of small networks.

### 9 Port 10/100/1000 Managed Switch

- ▶ Auto-sensing 10/100/1000 Ports
- ▶ (2) Gigabit SFP/RJ45 Combo Ports
- ▶ Indoor/Outdoor installation up to 60°C (140°F)



MIL-SM8002TG

### 8 Port 10/100 Managed POE Switch

- ▶ Auto-sensing 10/100 ports
- ▶ (2) SFP/RJ-45 combo ports
- ▶ Dual speed SFP ports 100/1000
- ▶ Full POE functionality
- ▶ AC and DC input for full redundancy and power options



MIL-SM8TXAF2GPA

### 24 Port 10/100/1000 Managed Switch

- ▶ Auto-sensing 10/100/1000 Ports
- ▶ (4) Gigabit SFP/RJ45 Combo Ports



MIL-SEM24T4GPA

## 4xT1/E1/J1 + 10/100 Ethernet to Fiber Transport Mux

Combining T1, Ethernet and RS-232 over one fiber, the Fiber Transport Mux allows service providers to manage fiber networks and reduce costs by offering multiple connections over a single fiber interface.



## Full Portfolio of Products for Service Providers

With products available in stand-alone, chassis-based, fixed optics or SFP ports, Transition Networks has a product to meet your requirements. Supported protocols are: Ethernet, Fast Ethernet, Gigabit Ethernet, Power-over-Ethernet, 10/100, 10/100/1000, ATM, T1/E1, DS3/T3/E3, POTS, RS-232, RS-485, and more.

With industry leading advanced features such as Auto-Negotiation, AutoCross, Link Pass Through, Far End Fault, Pause, and Automatic Link Restoration, Transition Networks makes an invisible component in the physical layer "visible" to network managers, allowing more efficient troubleshooting and less on-site maintenance. These cost and time saving features, along with a lifetime warranty and free 24X7 worldwide technical support, have made Transition Networks the #1 choice among industry professionals.



T1/E1



DS3-T3/E3



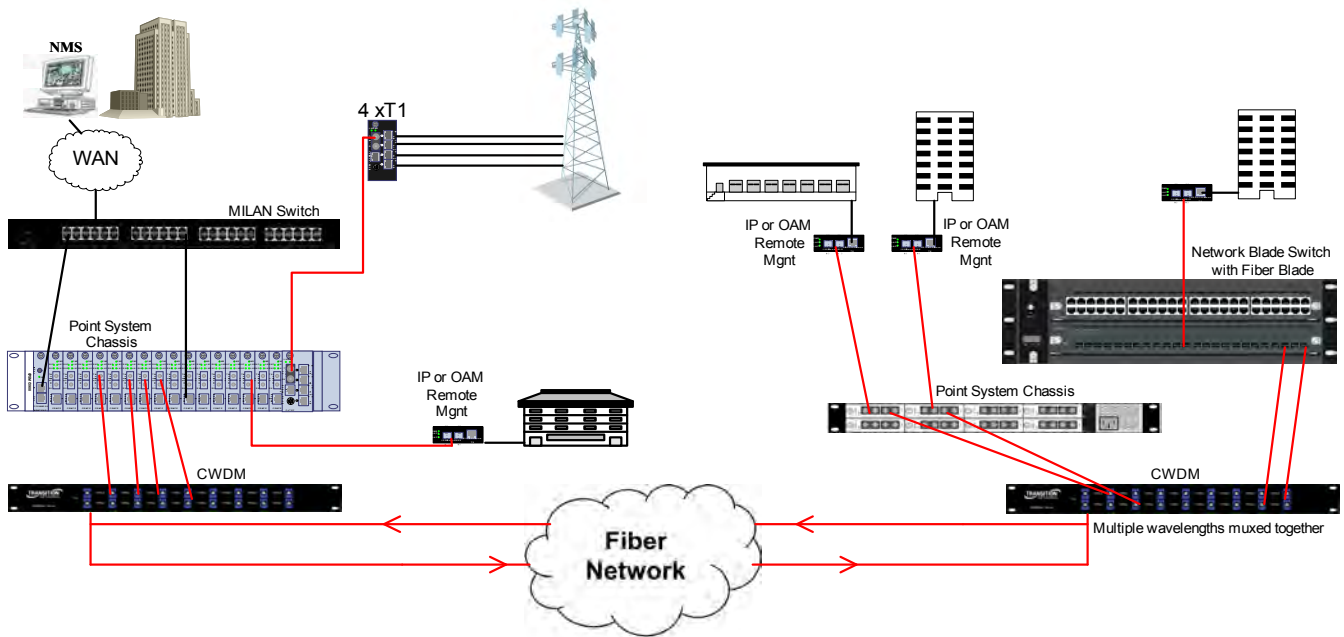
POTS 2-Wire



ATM/OC-X

- ▶ *For complete product details, visit us on the web at [www.transition.com](http://www.transition.com) or call us toll free at 800-526-9267.*

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## Reduce Onsite Maintenance with Remote Device Management

- |                          |   |
|--------------------------|---|
| 802.3ah OAM              | Integrated IP Management                |
| SNMP Management          | QoS                                     |
| Bandwidth Allocation     | DMI Optical Management                  |
| Full 802.1Q VLAN Support | VLAN Q-in-Q (C-Tag / S-Tag)             |
| Remote Loopback          | Remote Firmware & Configuration Upgrade |
| 802.1X/RADIUS            | Static MAC Entry & Filtering            |
| CPE Discovery            | Remote Link Status                      |
| Transmit All Ones (TAOS) | Alarm Indication Signal (AIS)           |

## Network Solutions for Service Providers

Whether it is Metro Ethernet, mobile backhaul, transparent LAN/Data delivery services or Internet Service Provider applications, Transition Networks has the product to meet your needs.

Transition Networks products can be managed in a variety of methods; CLI, telnet, SNMP, web-based or with our free SNMP GUI Focal Point, which includes a trap server and trap viewer application.

For service providers delivering Carrier Ethernet you can be assured that mission critical applications will be seamlessly delivered with our MEF 9 and MEF 14 compliant products.



► For complete product details, visit us on the web at [www.transition.com](http://www.transition.com) or call us toll free at 800-526-9267.