

Converge - Converge™ Ethernet Management System, Comprehensive Element and Service Management System



Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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Contact our Network Experts for more information at sales@transition.com or call 1.952.941.7600

Product Description

Converge™ EMS, Transition Networks' comprehensive carrier grade Element and Service Management System simplifies Management and Service Provisioning of Transition Networks' Carrier Ethernet portfolio of NIDs and switches. With its intuitive, point and click GUI, CONVERGE™ EMS makes configuration, deployment, monitoring and maintenance of managed Network Elements simple thereby reducing OpEx.

Converge™ EMS features a consolidated network wide inventory view and advanced scheduling capability which enables hassle-free, bulk software upgrades, backups and restores on a large number of devices during a maintenance window. The fault and performance monitoring dashboards in Converge™ EMS show a customizable, real-time view of the network. Its advanced filtering, sorting and reporting capabilities make monitoring and troubleshooting very easy thereby reducing service outages.

Converge™ EMS is based on a flexible framework for quick customization and integration of new devices. It supports multiple standards based Northbound interfaces which allow easy integration with higher level OSS/NMS and flow through service provisioning reducing a carrier's costs of integration with existing management solutions.

Features

- Client Server Architecture supporting any Web Browser Client
- Flexible, Scalable, Easily customizable
- Advanced Filtering, Sorting and Reporting capabilities
- Multiple standards based Northbound and Southbound interfaces
- Carrier Ethernet Services Management
- Network wide and per site Topology Views
- Proactive Fault management
- Alarms acknowledgement, clearing, filtering
- Fault correlation to devices and services
- Proactive and On demand OAM fault management
- Network wide Consolidated Device and Service Inventory
- Batch software upgrades, configuration backup/restore
- Rapid Service Activation
- Advanced Service Provisioning capability
- Quickly and efficiently provision end to end CE services: ELINE, ELAN etc.
- Ability to provision and monitor QoS parameters to meet SLA
- Flow through Service Provisioning via Northbound APIs.
- Customizable dashboards for easy Real Time monitoring
- Centralized performance data collection

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- Graphical real-time and historical service level statistics reporting
- Custom Users and user roles management
- Internal or external authentication with LDAP
- Role based access / authorization with detailed audit log

Show product on manufacturers website: <https://www.lantronix.com/products/>

Technical Data

Specifications

Product variants & accessories

| Art.-No. | Description |
|-------------------|--|
| Converge Software | Converge - Converge™ Ethernet Management System, Comprehensive Element and Service Management System |