

PRODUCT SOLUTIONS BRIEF

TRANSITION NETWORKS

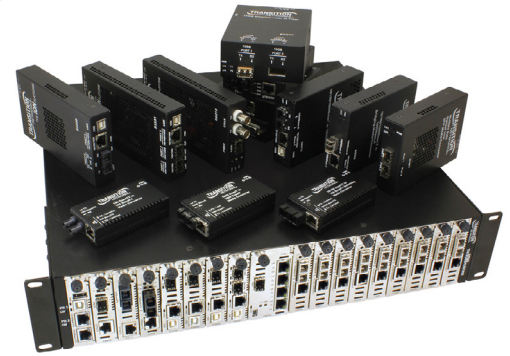
DATA CENTRE NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as Transition Networks, we are able to present you with the following offering to meet your specific data centre requirements.

ION Multi-Service Integration Platform

Transition Networks' ION Multi-Service Integration Platform is an all-new intelligent, high-density, multiprotocol system supporting a variety of network interface devices and media conversion modules. It is designed for both carrier class and enterprise network applications where secure network management of the fibre interface devices is essential. Available as a 19-inch rack mountable chassis, in either a 2U 19-slot or a 1U 6-slot configuration, the ION Platform offers a hot swappable architecture for both the slide-in-modules as well as the redundant power supplies.



The ION Multi-Service Integration Platform is a complete media conversion system offering solutions for copper to fibre, MM to SM and TDM over fibre conversion.

CHALLENGE SOLVERS

- Management VLAN, SSL, SSH, 802.1x and SNMPv1, v2 and v3 security features allow users to control access to the ION Chassis via the ION Management Module to ensure that only authorised personnel are able to view and change the settings to the slide-in-modules.
- Network administrators can configure, monitor and troubleshoot ION slide-in-modules remotely via the ION Management Module, which lowers operating expenses by reducing technician dispatches.
- The ION Platform optimises existing equipment and infrastructure to experience the benefits of fibre optic cabling while protecting investments in embedded copper devices with RJ-45 ports.
- The ION Multi-Service Integration Platform supports Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet, T1 and DS3 all in the same chassis.



THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end-of-row (EoR), middle-of-row (MoR), top-of-rack (ToR) or centralised cabling structures.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fibre and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE TRANSITION NETWORKS SOLUTION

SLIDE-IN MODULES	STAND-ALONE UNITS	CHASSIS
10/100 Ethernet 10/100/1000 Ethernet 10 Gigabit Ethernet T1/E1/J1	10/100 Ethernet 10/100/1000 Ethernet 10 Gigabit Ethernet T1/E1/J1	1-Slot and 2-Slot 6-Slot 19-Slot SNMP Management Module

anixter.com/shoptransitionnetworks/emea

WHAT WE HEAR

Data centre stakeholders are dealing with a variety of challenges:



AMORTISATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data centre.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Converter type
- Number of chassis slots
- Protocol
- Types of conversions

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Ethernet switches
- SFP modules
- SNMP modules
- Redundant power supplies

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

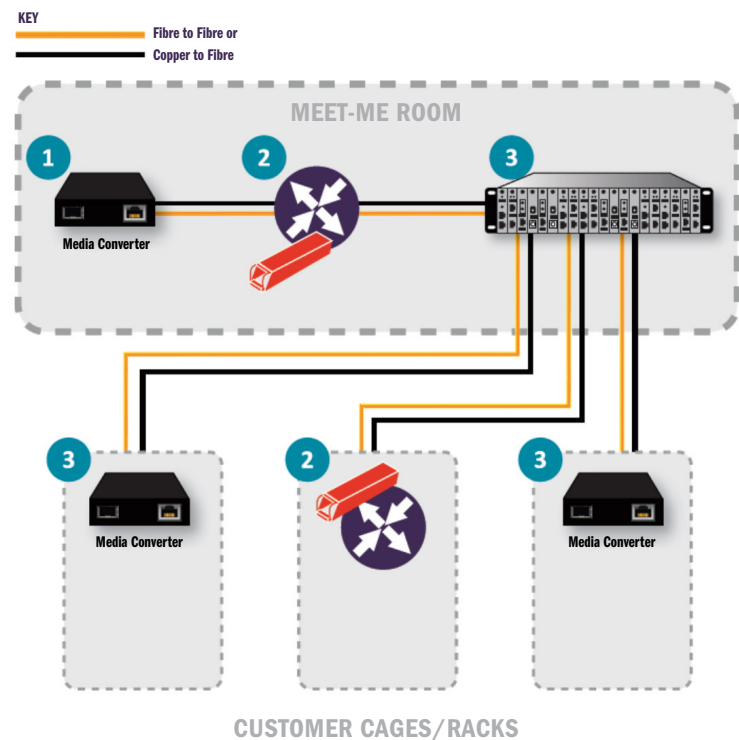
TRANSITION NETWORKS ION MULTI-SERVICE INTEGRATION PLATFORM FEATURES

✓ NETWORK FLEXIBILITY

- All ION cards are modular and independent, supporting a mix of various communication protocols within the same chassis.
- Remote management allows for faster mean-time-to-repair by proactively receiving traps and alerts on potential issues.
- Advanced security features ensure only authorised personnel have access to the management system.

✓ DENSITY DEMANDS

- Hot-swappable design allows for the installation of new cards on an as-needed basis, matching the need for fibre integration.
- Efficiently monitor the chassis, modules and power supplies via SNMP through the optional management module.
- Fibre infrastructure reduces the need for future upgrades to the cabling plant while continuous development on new fibre modules will always keep the ION Platform current.



[FOR MORE DETAILS VISIT ANIXTER.COM/SHOPTRANSITIONNETWORKS/EMEA](https://www.anixter.com/shop/transitionnetworks/emea)

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At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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