DXC-5000

High Capacity Hybrid Cross-Connect

RAD's DXC-5000 enables seamless migration to next-generation operational networks. It provides multiservice, high capacity core and edge aggregation over TDM, hybrid and all-packet transport. The DXC-5000 reduces operational costs by using a single platform for all service requirements. Critical infrastructure network operators choose the DXC-5000 as it coexists with legacy cross-connects and then seamlessly replaces them when they reach end-of-life status, allowing the addition of new services and bandwidth capacity. DXC-5000's transport flexibility ensures that services are matched to the best technology to meet their requirements. Furthermore, DXC-5000 reduces the transport cost per bit and ensures mission-critical reliability with minimal latency by performing multiple functions in the same device, including service multiplexing over packet and DS1-level TDM switching.

Part of
RAD's Service Assured
Networking Solutions

RAD

Your Network's Edge®

DXC-5000
High Capacity Hybrid Cross-Connect

Key Takeaways:

- **High capacity** scalable platform

- **Seamless migration** to next-generation networks with Carrier Ethernet/SDH/SONET support

- **Maximum flexibility** by individual port allocation/mapping over TDM or packet

- **Full stack** packet transport capabilities

- **Maximum service uptime and reliable resiliency** for mission-critical applications

Use DXC-5000 for:

| Utilities
- Multiservice Operational WAN for Power Utilities
- Multiservice Operational WAN for Oil and Gas Utilities
- Water Utility Communications

| Transportation
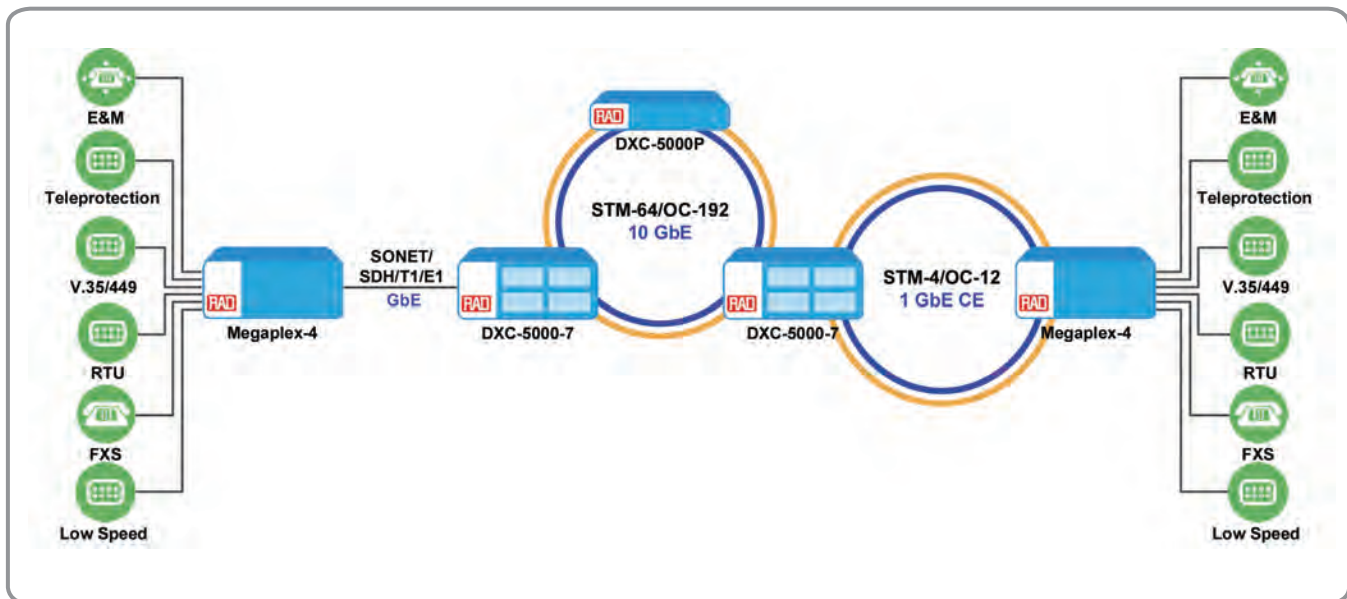- Multiservice Operational WAN for Trains and Metros
- Multiservice Operational WAN for Air Traffic Control

| Government
- Multiservice Operational WAN for Police and Military

Multiservice Operational WAN

Quick Specs:

- High density Carrier Ethernet/SDH/SONET platform available in 1U, 2U and 5U high form factors

- High capacity: from E1/T1 to STM-64/OC-192, 1 GbE and 10 GbE with a variety of connectivity options, e.g., Carrier Ethernet and PDH/SDH/SONET

- Non-blocking SDH/SONET switch capabilities

- TDM circuit emulation

- Carrier Ethernet 2.0-certified including Ethernet OAM, QoS

- Sub-50ms protection: 1:1, 1+1 APS, BLSR, PW, ERPS, LAG

- Synchronization: BITS, Sync-E, ACR