

Crypto Access & Multiplexing Solutions:

- E1/X21/RS232
- Copper or Fibre
- TDM over IP
- Wireless

Thanks to our long standing partnership with Rad Data Communications we can offer crypto access solutions for government and military installations.

When there is a requirement to extend the standard crypto interface over fibre optic cables or copper wires, we offer a range of modems to suit.

FOM-E1/T1:

Converts E1/T1 electrical signals into optical signals to extend the range of E1/T1 service up to 144 km.



FOM-40:

Converts serial interfaces into optical signals to extend the range of E1/T1 service up to 100 km.



- RS232/V24
- X21
- V35
- RS530

ASMi-52L:

Manageable modem offering X21 or V35 extension over 2 or 4 copper wires.

- Data rates to 4.6Mbps
- Distances up to 10km



ASM-MN-214:

High density 19" modem rack with any combination of up to 14 modem cards. Redundant power supplies. Hot swappable modules and PSU's.

- E1 to Fibre
- X21 to Fibre
- V35 to Fibre
- RS530 to Fibre

AIRMUX-200:

Point-to-point and multi point-to-point radio solution for combined E1/T1 and Ethernet traffic over license-free frequencies.

Data transmitted over the air interface is encrypted using Advanced Encryption System (AES) with a 128-bit encryption key.

- Air data rate up to 48Mbps
- Range up to 80km



IPMUX-11:

E1/T1 Pseudowire gateway transmitting full or fractional TDM services over Ethernet/IP networks.

- TDM over IP Technology
- IP QoS Marking
- Advanced Clock Recovery
- Configurable Jitter Buffer



IPMUX-14:

2 or 4 E1/T1 Pseudowire gateway transmitting full or fractional TDM services over Ethernet/IP networks.

- TDM over IP Technology
- IP QoS Marking
- Advanced Clock Recovery
- Configurable Jitter Buffers



IPMUX-8, IPMUX-16 and GMUX-2000 offer higher density TDMoIP applications.

DXC-8R/10A/30/30E:

Cross-connect of E1/T1 timeslots and multiplexing of E1/T1 and X21/RS530/V35 over E3/T3 or Fractional STM-1 links



Units can be daisy chained to utilise the full STM-1 bandwidth or the larger carrier class DXC-100 system can be used.



Megaplex-2100/2104:

Voice and data multiplexing over E1, Serial (up to 2.048Mbps) or IP.

- **X21/RS530/V35**
- **Low Speed RS232/V24**
- **Analogue and Digital Voice**

Megaplex-4100:

High capacity voice and data multiplexing over STM-1.

- **X21/RS530/V35**
- **Low Speed RS232/V24**
- **Analogue Voice**



Please contact us if you would like to discuss our Crypto access and multiplexing solutions or need advice on the most suitable products for your application.