



FMTTP

FLEXIBLE MULTIPLEXER TDMoIP PLATFORM

- Universal TDM narrowband and packet broadband TDM over IP transmission platform
- Up to 400 equivalent 64 kbit/s subscribers
- High speed broadband Ethernet Services
- Point to point or point to multipoint leased line or switched TDM services over Ethernet packet based transmission network
- Various protection mechanisms
- SUNCE and SNMP based TMN support



Access Systems

IRITEL
*bright
connections*

TELECOMMUNICATIONS AND ELECTRONICS

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Applications

FMTP is flexible multiplexer specially designed to allow transmission of narrowband voice and data signals in point to point or point to multipoint configurations Ethernet packet core network.

Device enables reliable and high quality TDM voice and data services with low latency and guaranteed throughput. FMTP helps user to protect their existing investments in legacy TDM based CO and CPE equipment and to avoid costly E1 leased lines necessary for existing equipment operation. For the users who requires guaranteed quality of services FMTP represents unparallel solution compared to a VoIP technology. Typically FMTP find application for:

- Connecting remote analog subscribers, FXS, FXO
- Connecting remote ISDN BRA subscribers
- Leased line services over E1 for corporate PABX connections
- Wireless base station backhauling

FMTP multiplexer is suitable to be used by:

- Public telecommunication networks operators
- Public utility companies
- Large and medium sized companies
- Government offices and agencies

Features

- Supports over 15 different transmission and subscriber, analog and digital interfaces. Shares the same channel units with other multiplexers from IRITEL.
- 2 E1 PDH tributary interfaces for 2 Mbit/s
- Full non-blocking cross-connect
- Up to 21 universal unit slots per subracks
- Up to 20 channels per unit
- Various synchronization sources are available, received clock from line, from a subchannel, from internal oscillator or from external reference
- Line test access
- Integrated network management system, SNMP and SUNCE support
- Plug-in SFP optical transceivers, provides different fibre type and section lengths
- Wire speed Ethernet bridge functionality
- Various protection mechanisms
- Advanced fault diagnosis (integrated BER tester)

User interfaces

- Analog: 2w/4w with E/M signalling, 2w FXS, 2w FXO, Magnetic
- Digital 64 and nx64 kbit/s: X.21, asynchronous/synchronous V.24, ISDN U, SHDSL, Ethernet

