

INTERFACE CONVERTERS



KFE Series - Ethernet over TDM backbone

- KFE-E1 - Ethernet over E1 infrastructure
- KFE-E3, 2E3 - Ethernet over E3 infrastructure
- KFE-X - Ethernet over X21/V.11 codirectional or contradirectional n x 64 kbit/s
- KFE-V - Ethernet over V.35
- KFE-N - Ethernet over NRZ, NATO, 75Ω, n x 64 kbit/s



KTG/KTP Series - Legacy TDM services over IP/MPLS packet backbone

- KTG/KTP-E1, 2E1, 4E1 - E1 over IP/MPLS
- KTG/KTP-E3 - E3 over IP/MPLS
- KTG/KTP-X - X21/V.11 codirectional or contradirectional n x 64 kbit/s over IP/MPLS
- KTG/KTP-V - V.35 over IP/MPLS
- KTG/KTP-N - NRZ, NATO, 75Ω, n x 64 kbit/s over IP/MPLS



MGE Series - L2/L3 Managed Ethernet Switch with built-in Ethernet over E1 interface converters

- MGE84F
 - 8 x Fast Ethernet, electrical interface
 - 4 x E1, 2048 kbit/s G.703 interfaces expandable with additional 4 x E1
- MGE88F
 - 8 x Fast Ethernet, electrical interface
 - 8 x E1, 2048 kbit/s G.703 interfaces
- MGE168F
 - 16 x Fast Ethernet, electrical interface
 - 8 x E1, 2048 kbit/s G.703 interfaces



IRITEL
bright
& connections

SECURED DATA TRANSMISSION

FSM4 - Flexible Security Module High Performance Encryption Device



- Four independent E1 link encryptors in single box
- Synchronous, point to point symmetrical key encryption
- Crypto Synchronization automatic and universal for all types of algorithms
- Per link programmable, different standard, block or stream cipher: AES, Blowfish, Salsa20, proprietary on request
- Key length up to 512 bits (depending on applied algorithm)
- The entire unit is shielded and protected from the opening
- Device and link validation by activating appropriate loops
- IP based Management. Device has embedded WEB Server and SNMP agent.
- Rack-mount card (233x175x20mm) or 19" unit, 1U height
- Seamless integration with IRITEL Flexible Multiplexers (FM8 & FM2)

Devices with optional configurable AES128/192/256 encryption modules per TDM ports with flexible key and access management

- KFE Series - Ethernet over TDM backbone, encryption of TDM stream (E1, E3, X21/V11, NRZ, V.35)
- KTP Series - Legacy TDM services over IP/MPLS packet backbone, encryption of TDM stream (E1, E3, X21/V11, NRZ, V.35)
- MGE Series - L2/L3 Managed Ethernet Switch with built-in Ethernet over E1 interface converters, encryption of TDM stream (E1)

