Loop-IP6700 TDM over Ethernet

IP6700 up to 4 E1 Channels plus Ethernet over IP Networks

Description

Loop-IP6700 TDM over Ethernet is used to transport TDM traffic over IP network, in addition to Ethernet traffic. As the core communications network migrates from TDM to IP, the Loop-IP6700 provides a flexible and cost effective choice for the transport of legacy TDM signals over high speed IP networks.
On the WAN side, the Ethernet interface can be 10/100M electric or optical Ethernet. The TDM ports can be multiple E1, T1, and DTE, or single E3/DS3, each with timing preserved.

Features

1U height
WAN port
- One electric Ethernet (10/100 BaseT) or optical Ethernet (10/100 Base-FX)

Tributary ports
- TDM interfaces
- low speed, up to 4 E1/T1
- low speed, up to 2 DTE
- high speed, 1 E3/DS3

LAN interface: one 10/100 BaseT Ethernet
Power
- Single AC or DC power
- AC (100 to 240 Vac)
- DC (-20 to -72 Vdc)

Inband management: through one time slot (64K bps)

VLAN support:
- Packet transparency (up to 1916 bytes)
- Max. 255 VLAN
- Q-in-Q
- User configurable CoS
- User configurable ToS in outgoing IP frame

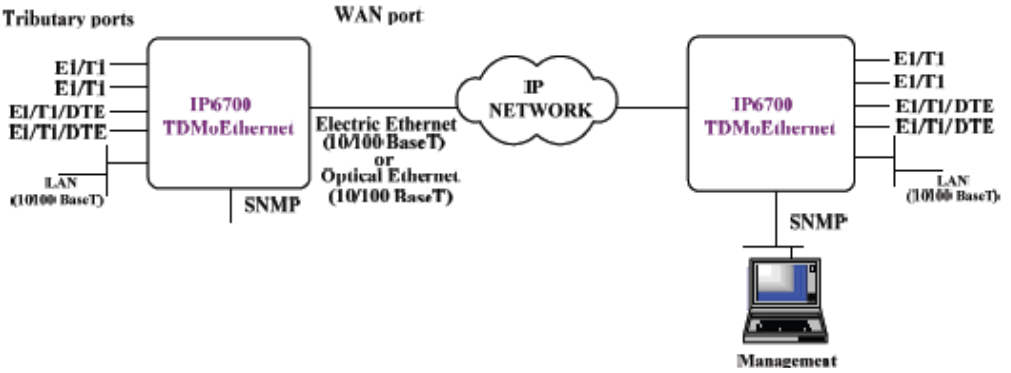
Max. 340ms Packet Delay Variation
Built-in BERT for E1/T1
Jitter & Wander
- PPM: per G.823 Traffic
- PPB: per G.823 Synchronous

Multi-colour LED indicators
Alarm relay
Management port and interface
- LCD and keypad
- Console port with VT100 menu

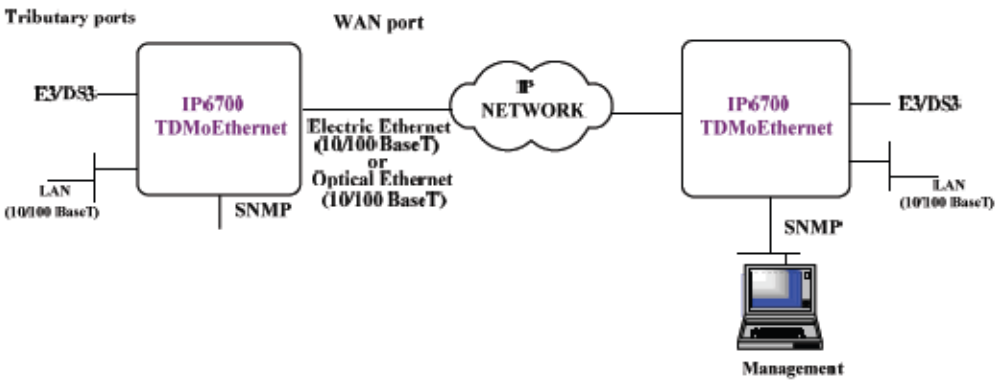
SNMP port:
- Embedded SNMP
- Telnet
- LoopView GUI

Application Illustrations

Low Speed TDM Application



High Speed TDM Application



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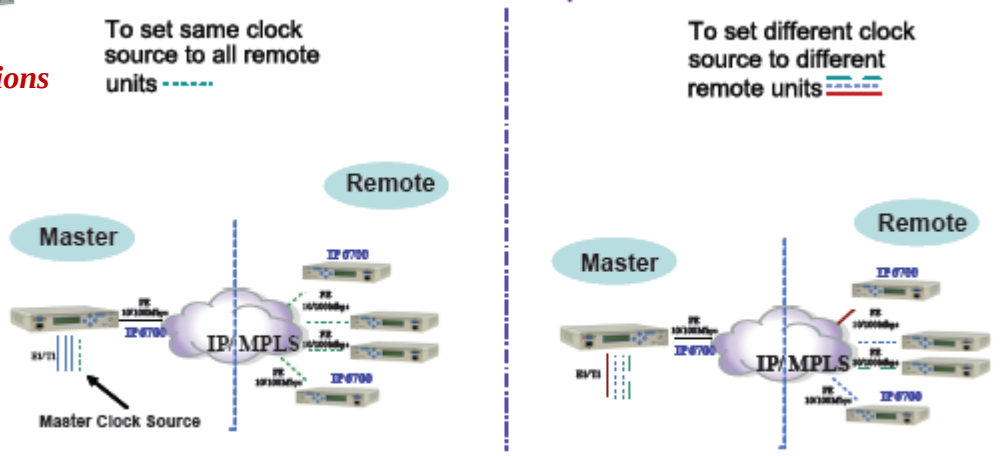
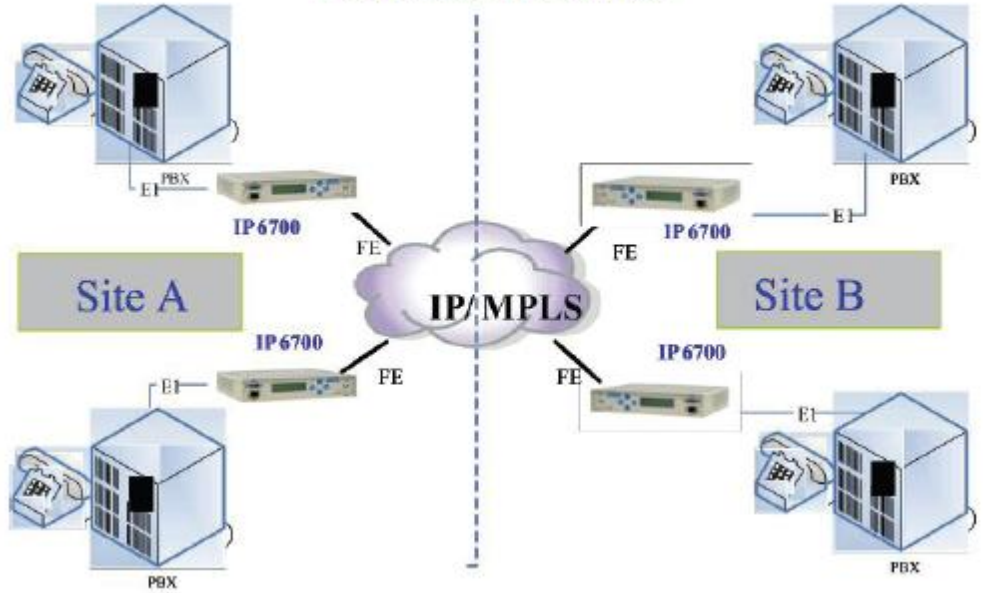
Application Illustrations

IP6700 Clock Option

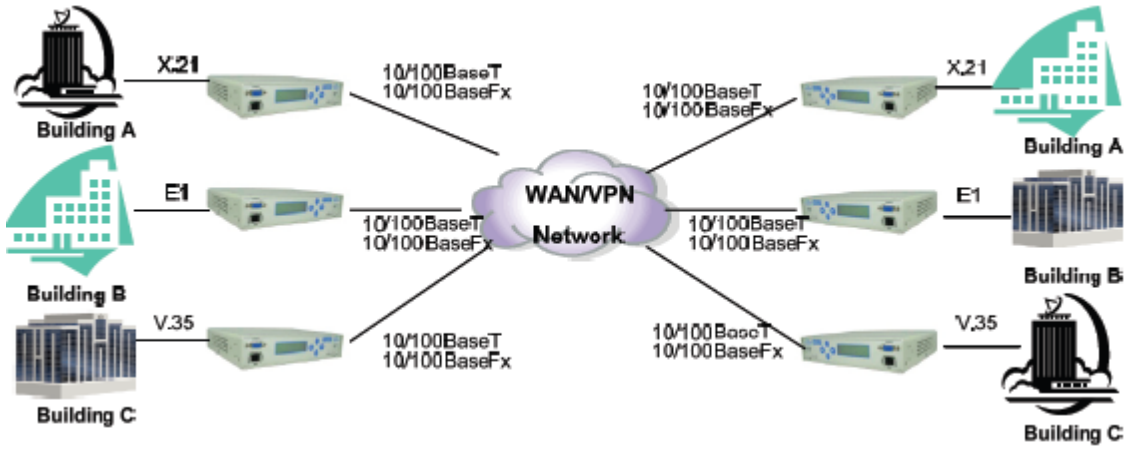


NOTE: If independent clocks are used with T1 signals and the WAN port is transported over a wireless network, a possibility of occasional 1 second pattern loss exists

IP6700 Extension Phone System



IP6700 on VPN Network



For more information please contact Saratota Ltd

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