



# Transport Ethernet data over your legacy infrastructure... without a hitch

PINE series interface converters that connect Ethernet services over a SDH backhaul. It provides a protocol conversion and bridges the gap between Ethernet and legacy TDM network enabling transparent Ethernet services without interfering with user traffic.

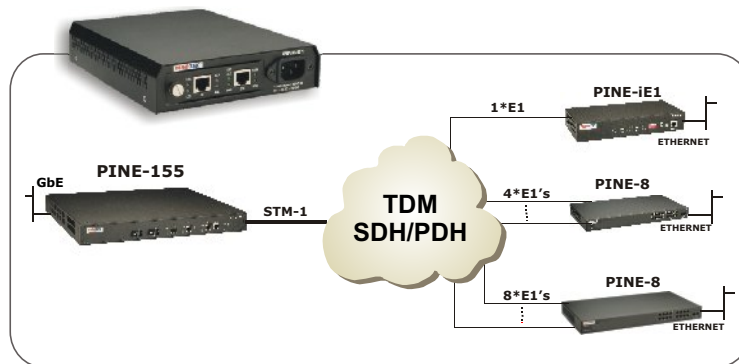
Packets are forwarded from the Ethernet network to the TDM network at wire speed, fully utilizing the expensive TDM circuit's bandwidth. It can have a broad range of applications such as connecting IPDSLAMs, Backhauling Wimax Base Station and Routers/Switches between PoPs

## Key Features

- Point to Point and Point to Multipoint Applications
- VLAN unaware, VLAN aware & Q-in-Q modes of operation
- Automatic adjustment of bandwidth based on E1 link availability
- MDI/MDI-X Auto Negotiation
- Egress & Ingress Rate Limiting per port
- Provides QoS, utilizing four priority queues per CoS
- Support Local & Remote E1 Loopback
- Provides enhanced E1 link monitoring

## PINE-FAMILY

Ethernet to E1 Interface Converter



**MROTEK™**  
Integrating Next Generation Networks

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## Dealer enquiry solicited

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