Integrated Add/Drop Multiplexer for 622 Mbit/s and 155 Mbit/s

- Parallel Telecombus allows interfacing to devices such as PM5341 or PM5366 to increase PDH client density

ETHERNET INTERFACES

- Maps up to 8 channels of full duplex 10/100 or a single Gigabit Ethernet into 155 or 622Mbits/s SONET/SDH
- Supports packet multiplexing capabilities enabling integrated GE grooming into multiple VCGs & 10/100 port aggregation into the same VCG
- Supports per port policing and rate limiting in increments of 64Kbit/s

- Flexible packet header insert and extract for VLAN and Ethernet Pseudowire MPLS support enabling MPLS Label Edge Router (LER)
- Supports multiple encapsulation protocols for worldwide interoperability including GFP-F, LAPS & flexible HDLC
- Supports Ethernet 802.3ah OAM packet insertion and extraction
- Supports GFP OAM as per GFP CMF (Client Management Frames)
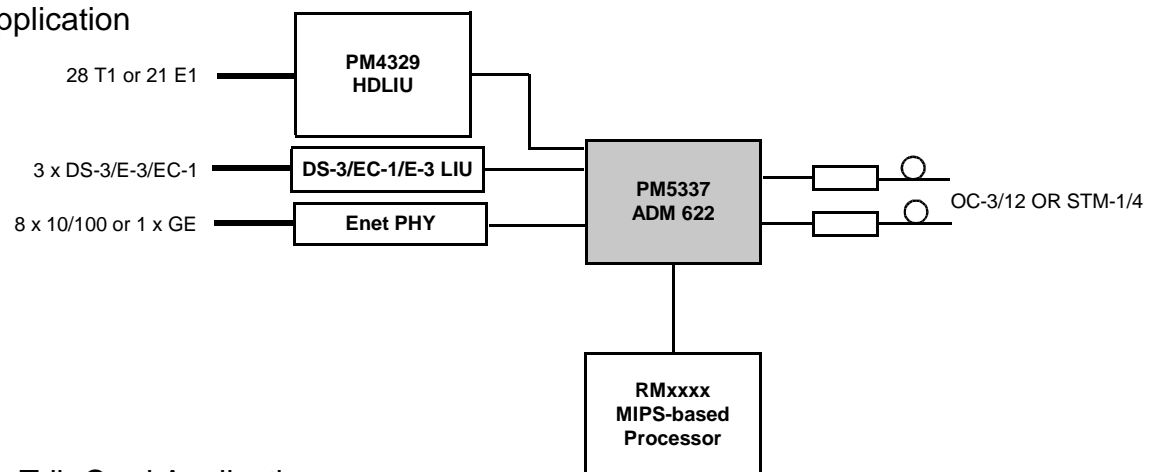- Performs virtual and contiguous concatenation according to ITU-T G.707 and ANSI T1.105

- Supports fully integrated hitless Link Capacity Adjustment Scheme (LCAS)
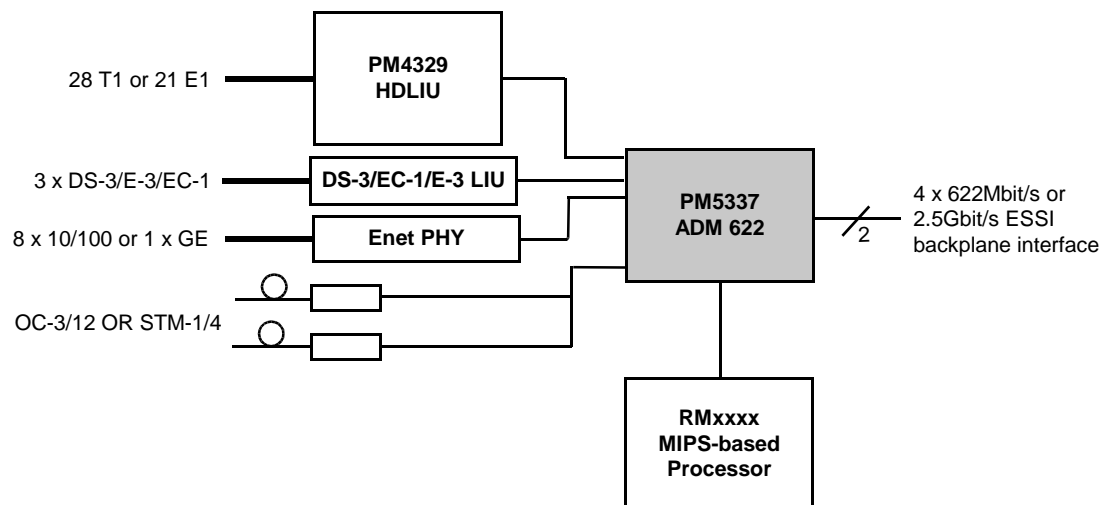- Supports up to 64 ms of differential delay

SYSTEM EXPANSION

- Four serial 622Mbit/s or 2.5Gbit/s ESSI interfaces for expansion or connection to a mate ADM 622 device
- Multi-drop parallel telecombus interface for client expansion capability
- Four serial 622Mbit/s or 2.5Gbit/s ESSI backplane interface into larger MSPPs to enable multiservice card architectures or connection to a mate ADM 622 device for equipment protection

TYPICAL APPLICATIONS

Pizza Box Application

Multi-Service Trib Card Application