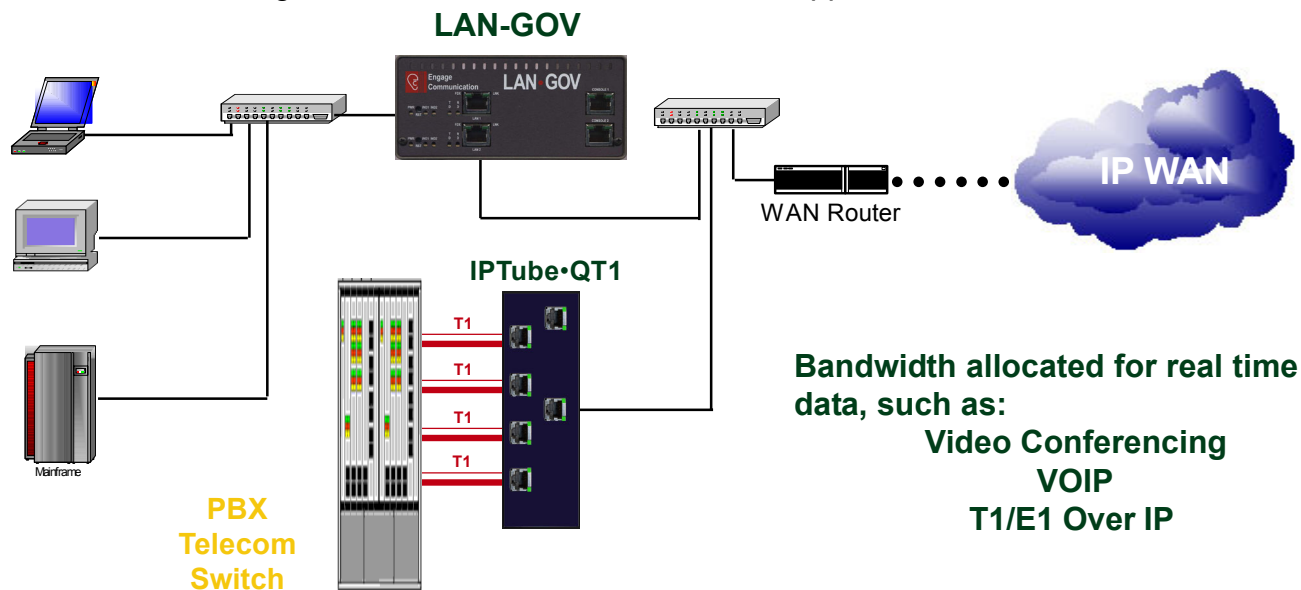


· LAN to LAN Interconnect with Data Rate Governor ·

The **LAN·GOV** is used to interconnect Ethernet LANs through a data rate governor. The data rate governor utilizes Time Division Multiplexing based clocking to provide for Nx64, NxT1 and NxE1 bandwidth regulation that is configurable from 64 kilobits up to DS3.

Governing the WAN bandwidth utilized by an Ethernet LAN enables the reservation of WAN bandwidth for time sensitive real time connections such as those required by Video Conferencing, Voice Over IP and T1/E1 Over IP applications.



Wide Area Networks

Enterprises, Education, Government Agencies and Organizations are able to deploy **LAN·GOVs** to restrict network segments utilization of Wide Area Network Bandwidth.

Service Providers

Unrestricted Ethernet connections provided by networking service providers enable subscribers to overburden the Service Providers network. The **LAN·GOV** enables service providers to limit a subscriber to a committed information rate.

Wireless Ethernet

Wireless Ethernet bridges typically do not implement a method to ensure that the real time connections have priority. The **LAN·GOV** provides a straight forward method to ensure real time data delivery across wireless links.

Governing Data Rate Versus Quality of Service

Quality of service in complex networks is cumbersome. Access to routers or switches in the link that are maintained by different organizations is restricted.

Governing general traffic bandwidth is straight forward and easy to implement. Data rate configuration is all that is required.



Transparent Interconnect

The LAN-GOV transparently monitors all the packet traffic on each of its LAN segments to determine whether the packets it receives are to be forwarded. The Ethernet MAC layer source addresses that are active on each LAN are stored in a filtering database. Packets with a MAC destination that do not match a MAC address entry for the receiving port are forwarded.

Ease of installation

To be operational the LAN-GOV requires the configuration of the data rate. Configuration is performed through a Command Line Interface that is accessed through a console port or with Telnet.

Technical Specifications

LAN Network Interfaces:

- Two 10/100 BaseT Full/Half Ethernet
- Autonegotiation or Configurable Speed and Duplex

LAN Network Protocols Supported:

- IP, TCP, ICMP

Power:

- 12-24 VAC/VDC 1.0A
International Adapters Available
- Optional -48V 0.25 Amp
- Hot Standby with 2nd Power Module

TFTP Online Upgrade Capable (FLASH ROMs)

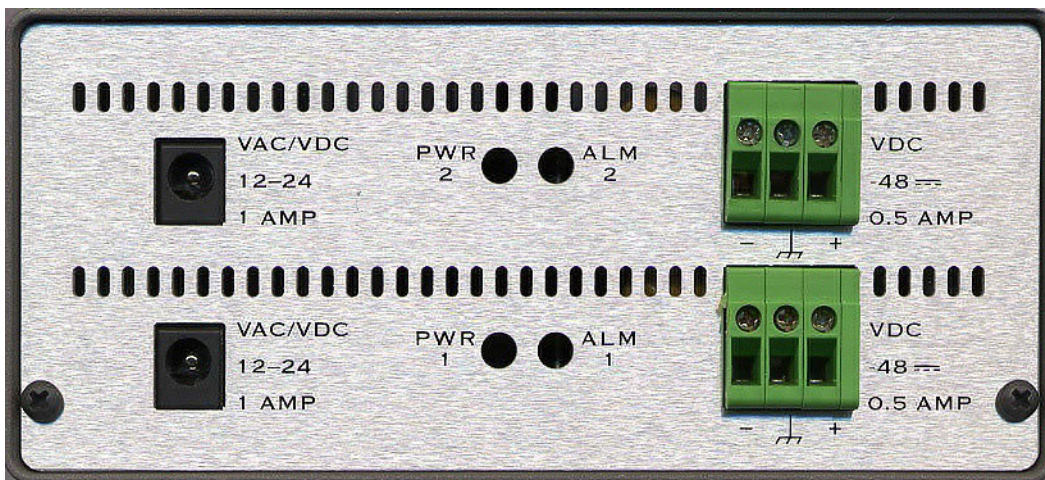
- LanGov is fully operational during upgrade

Management:

- Telnet support with Edit and Paste Template Files
- Console Port for Out of Band Management
- SNMP support (MIB I, MIB II)
- Remote configuration & monitoring

Dimensions:

- 14" (L) x 5.5" (W) x 2.50" (H)



Rear Panel shown for Hot Standby Negative 48 Model