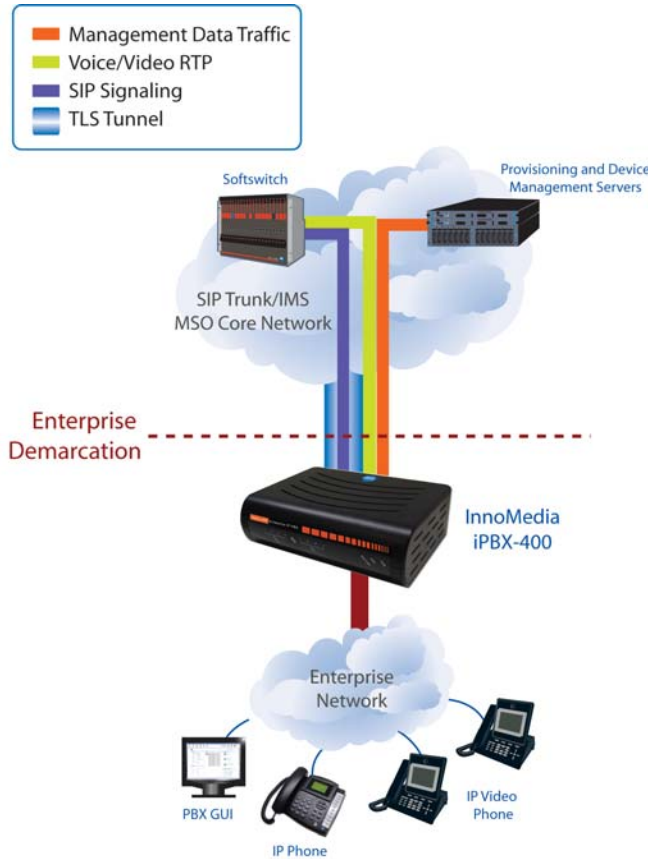
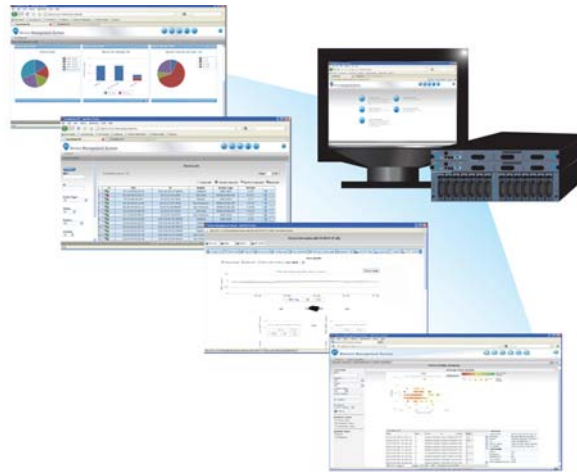


## iPBX-400



- SIPconnect Compliant iPBX
- Enhanced Manageability by MSOs
- Rich Telephony Features
- Self Protection and Secure Communications
- Easy to Install to Enterprise Networks

## EMS



- Regional and User Access Control Levels
- Customizable GUI dashboard interface
- Network Monitoring
- Troubleshooting
- Detailed Call Statistics
- Voice Quality Metrics
  - R-Factor
  - MOS
  - Jitter
  - Delay
  - Packet Loss
- Remote Device Access and Control
- Auto Provisioning
  - Server or device initiated
  - Geographic Redundancy (Optional)

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## Enterprise VoIP Solutions for MSOs



- Enterprise SIP Gateway (ESG) with embedded Cable Modem (eCM), *Smart-DQoS™*, Transcoding and PRI
- DOCSIS 3.0 2-port and 4-port eMTA with 8x4 Channel Bonding and 24 SIDs
- DOCSIS 2.0 24 port outdoor OM-EMTA
- Highly Manageable and SIPconnect Compliant IP PBX
- Element Management System with Performance Metrics and Auto Provisioning

*Smart-DQoS™* is InnoMedia's exclusive Device-initiated DQoS technology which enables edge devices to intelligently initiate and manage DOCSIS DQoS UGS service flows based on user and signaling events, thus, instantly allowing end-to-end quality of service.

# ENTERPRISE VOIP SOLUTIONS FOR MSOs



**Enterprise SIP Gateway (ESG):**  
**ESBC 8528-4B, ESBC 9528-4B, ESBC 9580-4B and ESBC 9378-4B**

These highly integrated ESGs allow cable operators to deliver SIP trunking, hosted voice, and broadband internet services to business customers. With Smart-DQoS™ technology, the InnoMedia ESGs can initiate and manage UGS service flows for end-to-end QoS voice communications. The ESGs are equipped with an embedded cable modem (eCM), an embedded Session Border Controller (eSBC) with B2BUA and SIP ALG, 4 FXS ports, and an internal battery. ESBC 8528-4B is equipped with a DOCSIS 2.0 cable modem supporting up to 14 UGS service flows. ESBC 9528-4B, ESBC 9578-4B and ESBC 9580-4B are based on DOCSIS 3.0 with 8x4 channel bonding with 24 UGS SIDs and a maximum throughput of 300 Mbps and 120 Mbps for downstream and upstream respectively. Furthermore, ESBC 9580-4B has a built-in T1/E1 VoIP gateway with 2 T1/E1 ports, allowing service operators to deliver SIP trunking services to traditional TDM PBX users, whereas the ESBC 9578-4B provides media processing and transcoding capability.



**EMTA9528-2B and EMTA9528-4B** - EMTA9528-4B is a DOCSIS 3.0, PacketCable 1.5 compliant 4 voice port eMTA, whereas the EMTA9528-2B is a PacketCable 1.5 and 2.0 compliant 2 voice port eMTA. Both EMTAs come with an internal battery and business friendly features targeted for business and residential customers. With the 8x4 channel bonding, both EMTAs can deliver downstream and upstream throughputs of 300 Mbps and 120 Mbps respectively. The 32 SIDs allows up to 24 Unsolicited Grant Service (UGS) and 8 Best Effort (BE) service flows.



**OM-EMTA 6528-24** - Truly unique in its class, this outdoor modular DOCSIS 2.0 EMTA caters to Residential, Enterprise, and MDU applications. It operates in temperatures from -40°C to +60°C and can support up to 24 lines. With no moving parts, it is highly reliable and supports both PacketCable 1.5 NCS and SIP.



**iPBX-400** - This is an IMS and SIPconnect compliant, SIP Trunking ready, and feature-rich IP-PBX with integrated voice mail, auto-attendant, and auto-discovery for InnoMedia's IP Phones. With multi-stage provisioning, the solution enables remote provisioning and management by service operators or system integrators for scalable and volume deployment of IP PBX solutions to their enterprise customers.

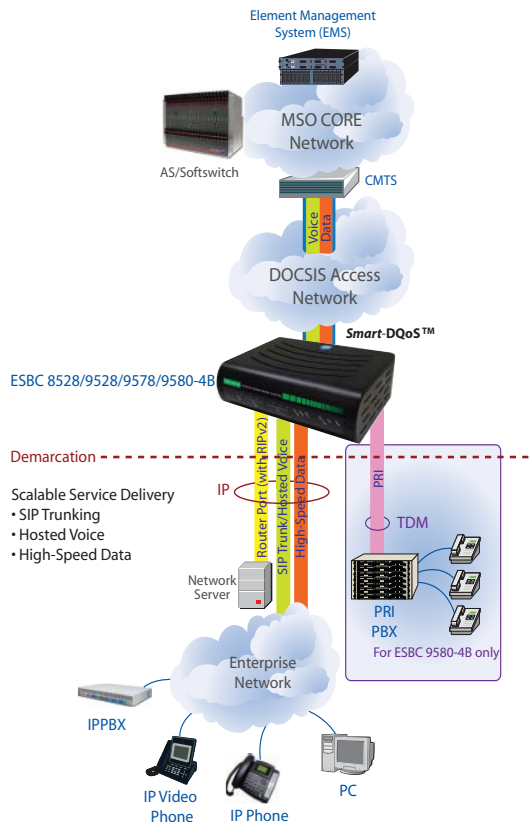


**EMS** - With its data collection, analysis, and customizable web-based GUI page presentation, InnoMedia's Element Management System (EMS) allows operators to remotely manage devices by monitoring device and performance status, voice and network quality metrics, and perform call and network statistics collection and analysis. It supports device or server initiated autoprovisioning and geographic redundancy.

# ENTERPRISE SIP GATEWAY (ESG)

## ESBC 8528/9528/9578/9580-4B (with PRI)

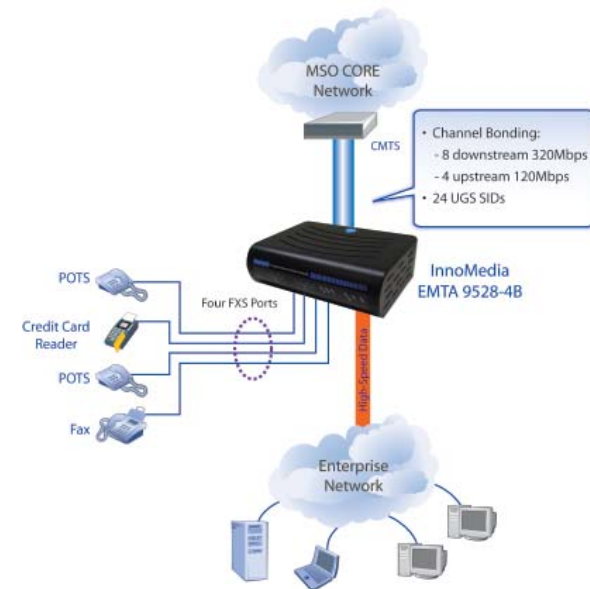
Delivering Scalable QoS Managed SIP Trunking, Hosted Voice, and High-Speed Data Services for IP and TDM PBX Customers



- **Smart-DQoS™** for Device-initiated DQoS
- Highly Integrated: eCM+eSBC+FXS+Internal Batteries
- B2BUA and SIP ALG
- Scalable Deployment
  - NAT Traversal
  - SIP Normalization with Header Manipulation
  - Profile Based IPPBX Configuration
  - IDS/IPS Protection and TLS Security
- Transcoding (ESBC9578 Model Only)
- Carrier-grade Monitoring
  - R-Factor, MOS, Network Jitter, Packet loss, Delay
  - Test Agent

# DOCSIS 3.0 4-PORT EMTA FOR BUSINESS CUSTOMERS

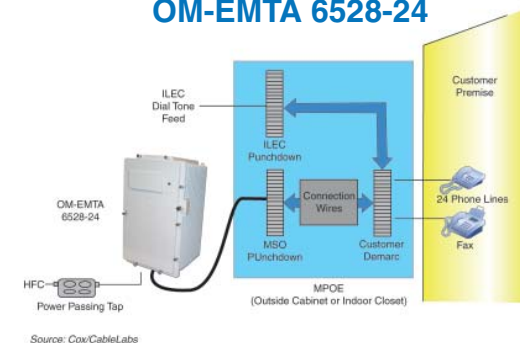
## EMTA 9528-4B



- DOCSIS 3.0
- PacketCable 1.5/1.0
  - 8X4 Channel Bonding
  - 24 UGS SIDs
- Four FXS Ports
  - Ground/Loop Start
  - OSI
  - Fax
  - Credit Card Reader

## DOCSIS 2.0 Outdoor OM-EMTA

### OM-EMTA 6528-24



- 6 hot-pluggable line cards, each with 4x FXS ports and 1x 10/100BT LAN port
- Operating Temp.: -40°C < T<sub>amb</sub> < 60°C
- CableLabs qualified PacketCable 1.5/1.0 & DOCSIS 2.0
- Input power options: Network AC power & UPS DC power