



Newsbrief WORLD TELECOM LABS

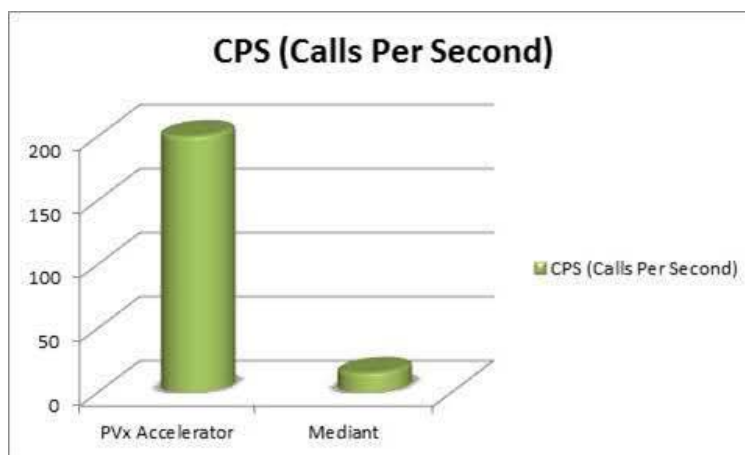
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Need to boost the performance of your Mediant? The PVx Accelerator can increase the CPS (Calls per Second) of any Mediant 2000 or 3000 by more than 10x!!

The AudioCodes Mediant¹ family is a deserved market leader in the VoIP Media Gateways arena. However, there are times when even the leader needs a little help. The Mediant is designed for standard calls (tens of seconds) which is rule in regular applications. The PVx Accelerator adds extra SIP call handling that turbo-charges the Mediant CPS and allows it to really succeed in the heaviest traffic scenarios with a lot of short calls.

Perfect for heavy-duty applications:

- Call Centres
- Tele-voting
- IVR
- Premium rate number services
- Programmed outbound dialing

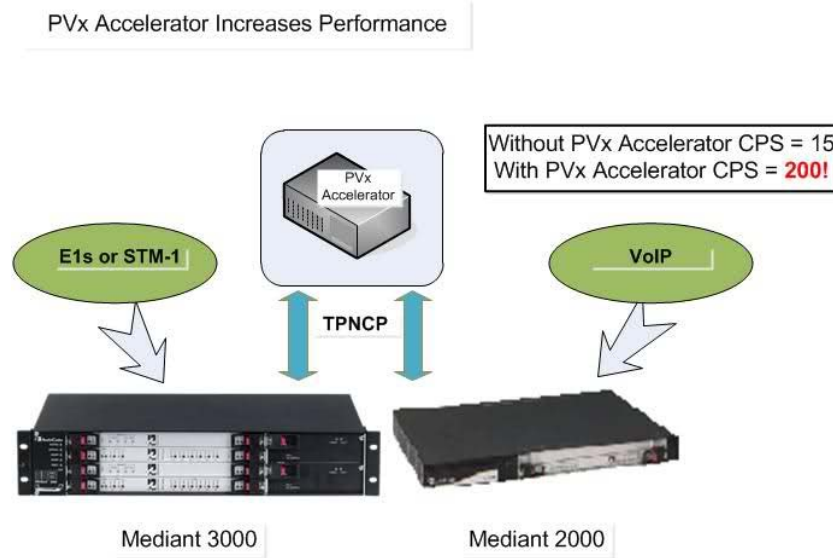


Benefits

- Supports 200 CPS under sustained load (Mediant alone typically 15 CPS)
- One PVx Accelerator can improve performance of multiple Mediants
- Works with E1 or STM-1 Mediants
- Improves reliability - Prevents Mediant reaching overload reboot condition

How does it work?

The PVx Accelerator is a high performance server which is highly optimized for SIP call handling. It uses TPNC¹, a low level AudioCodes API to take over the SIP message processing of the Mediant. This leaves the Mediant free to handle the media itself and perform the conversion of the voice streams from TDM to VoIP. Using a dedicated call processor in this manner gives enormous performance gains. The efficient design also means that one PVx Accelerator can be used to boost multiple Mediants at the same time. With this solution the SIP Stack and the ISDN or SS7 stacks are from WTL, the Mediant is only used for physical connectivity E1/STM-1 - Ethernet and voice processing.



WTL & The PVx Range

World Telecom Labs is a Belgium-based company which has long been a leader in the provision of VoIP switches, Pre-Paid applications and signaling gateways for emerging carriers and telecom service operators. WTL has an installed base of 100,000s of voice ports with service providers worldwide switching billions of minutes of VoIP traffic using WTL equipment.

The WTL PVx family has been designed and perfected over many years to give a range of added-value services to Mediant gateways. WTL is a long term technology partner of AudioCodes since becoming one of the company's first customers in Europe more than 10 years ago.

Please [contact us](#) to learn more details about this solution.

We will be in touch soon with news of other Signalling, Protocol Conversion, Bandwidth Saving and Ease of Use products which can enhance the Mediant gateway.

¹ Mediant is a trademark of AudioCodes Inc.