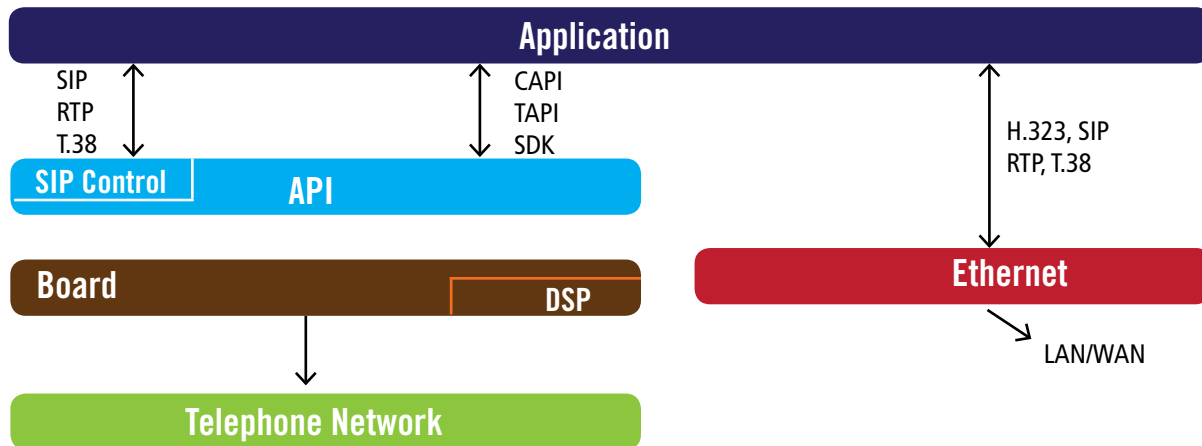


POSITRON V-SERIES VS DIALOGIC DIVA

SIP Media Gateway Comparison

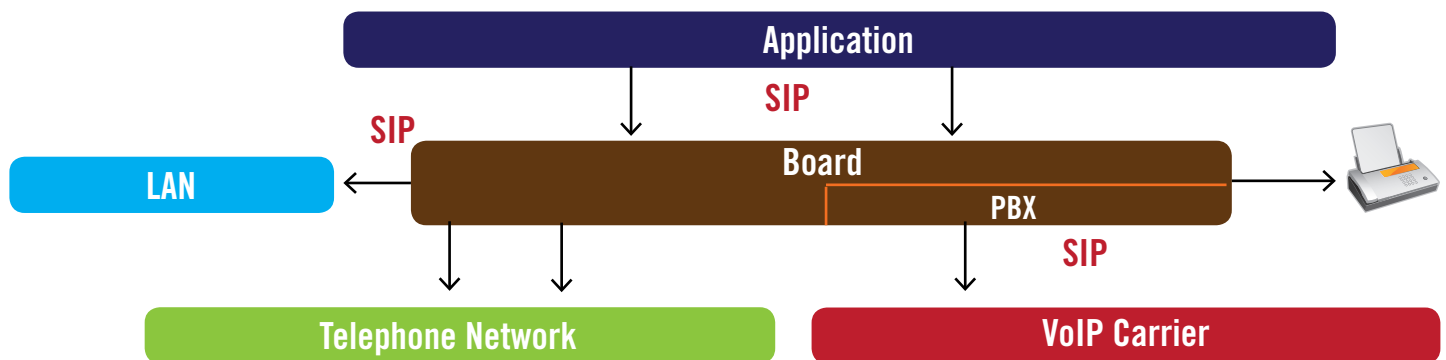
This document is intended for users who would like to compare the Positron Telecom V-Series with those of the Dialogic® Diva® brand when used as a SIP Media Gateway. The comparison is not absolute as both solutions are not 100% identical but share similar functionality.

The Dialogic solution has an architecture which includes an on board DSP



The Positron Advantage

Positron's solutions have a different architecture from Dialogic



- SIP Trunk Support
- No API Required

- PBX Built In
- Faster to Market

EASIER | FASTER | SIP ENABLED | PLUG-IN READY

Overview

When comparing the systems it is important to note that in the typical application scenario, the primary function is for interfacing with SIP traffic and its requirement for a Gateway. In this scenario, the primary voice processing requirements are for echo cancellation, gain control, CallerID passing and DTMF passing. The Diva card has other DSP control and processing functions that are not used in the gateway application. The user requirements define what is or is not required.

Typical Applications

- Unified Messaging application developers looking for SIP to PSTN gateways
- HMP Blade interfaces
- SIP application vendors looking for Gateway solutions
- Coming soon – Microsoft OCS integration

Positron Benefits

- Adds PBX functionality
 - Adds new features for your clients without additional costs
- Integrates conference on board
- No API / SDK development required
 - Faster to market with lower development costs
- Transparency between board to board switching regardless of the interface
- Provides on board call recording functionality
- Seamless SIP trunking support without additional software
 - One protocol to develop and support
- Ethernet interface for seamless network integration
- FXS provides hard fax support

	V-114	V-214	V-310	Diva UM Analog-4 (306-384)	Diva 4 BRI-8 PCI (305-486)	Diva V-PRI/E1-30 306-214 Diva V-PRI/T1-24 NA (306-213)
PCI	2.2 66Mhz	2.2 66Mhz	2.2 66Mhz	2.2 66Mhz	2.1 33Mhz	2.2 66Mhz
SNMP	Net-SNMP v1, v2c	Net-SNMP v1, v2c	Net-SNMP v1, v2c	Net-SNMP v1, v2c and v3	Net-SNMP v1, v2c and v3	Net-SNMP v1, v2c and v3
Voice processing	Gain control, DTMF, CallerID	Gain control, DTMF, CallerID	Gain control, DTMF, CallerID	Many	Many	Many
Voice Recording	Onboard	Onboard	Onboard	NA	external device	external device
Ports	FXO, FXS, Ethernet	ISDN, FXS, Ethernet	E1/T1, FXS, Ethernet	FXO	ISDN	E1/T1
Codec	G.711, G.729, Speex	G.711, G.729, Speex	G.711, G.729, Speex	G.711, G.729, G.726, GSM	G.711, G.729, G.726, GSM	G.711, G.729, G.726, GSM
SIP Trunking	YES	YES	YES	NO	NO	NO
Echo Cancellation	YES	YES	YES	YES	YES	YES

For a complete list of features for Dialogic Diva Boards, please visit www.dialogic.com

