



PBXLink

Dynamic Voice Systems Integration

Providing the **LINK** between **Avaya/Lucent, Nortel, Mitel, Siemens, NEC** or
Cisco Unity (PBXs / KSUs / IP-PBXs)
and
virtually **any Voice Mail system.**

“CTL’s connectivity and capital preservation solution for Legacy and Next Generation IP systems”

CTL’s PBXLink is the most powerful and versatile method for connecting a voice mail system to one of the major proprietary PBXs. It is important for voice mail systems to have information about calls as they arrive so callers hear the correct greeting for the person they are calling. To achieve this, the PBXLink uses the industry standard Simplified Message Desk Interface (SMDI) protocol to communicate with the voice mail system. PBXLink technology seamlessly integrates any SMDI voice mail system with the major PBXs / KSUs / IP-PBXs available today.

- **Industry Standard**
- **Called Number ID**
- **Caller ID**
- **Message Waiting Indicators**
- **SMDI Multiplexing**
- **Multiple PBX Support**
- **Transfer & Bridged Modes**
- **Remote Management**



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PBXLINK 48

The PBXLink 48 seamlessly connects 3rd party voice mail systems to proprietary PBX / KSUs (reference Table I). This product uses the standard SMDI protocol to communicate with the voice mail system, and digital telephone interface to communicate with the PBX.

Called Number ID and Caller ID

Callers hear the appropriate personal greeting at the correct mailbox. The original number called is provided to the voice mail system by the PBXLink product. Users calling from their own phones do not need to enter their mailbox number. The voice mail system takes them straight to a password prompt.

Message Waiting Indicators

These illuminate when users have a message waiting for them. The PBXLink can set and clear message waiting indicator lamps on behalf of the voice mail system.

Remote Management

The PBXLink 48 can be configured, managed, and upgraded remotely. The PBXLink 48 also has a keypad and LCD for local management.

Telephone Emulation

The PBXLink 48 appears as a standard digital telephone to the PBX. The PBXLink 48 has two ports, A and B. Port B can be dedicated to setting and clearing Message Waiting Indicators.

PBXLINK DMI-4

The PBXLink DMI-4 provides dynamic integration of PBX / KSUs with any 3rd party voice mail system using the standard SMDI protocol or In-band DTMF tones (DMI-4 only). This product emulates the feature-rich digital telephone set while maintaining software and hardware compatibility with existing systems. Connecting to the PBX with up to four digital telephone lines or with multiple DMI-4 units daisy-chained together giving a maximum of twenty four digital telephone lines, this product provides four to twenty four (multiple daisy-chained) fully functional analog telephone lines that will connect directly to virtually any voice mail system.

SMDI Integration

Using SMDI, the PBXLink DMI-4 will provide a high-speed out-of-band mechanism. An on-board processor generates SMDI packets on a per port basis. Each packet contains the caller ID of the incoming call, the called number, and the reason the call was sent to the voice mail system.

Message Waiting Indicators

Message waiting indicators notify users when they have a message waiting for them. The PBXLink can set and clear message waiting indicator lamps on behalf of the voice mail system.

Direct Digital Connection

Connection is made directly to the digital ports of the PBX switch. Integration is done on per port basis allowing for simpler PBX configuration.

Table 1: PBXLink Support Ordering Information

Vendor	PBX	Phone Type	PBXLink 48	PBXLink DMI-4	PBXLink DMI-4 Plus
Part Number			930-0004	61-01	61-02
Nortel	Meridian 1	2616	SMDI		SMDI
	Norstar	7324		SMDI / Inband	
Avaya / Lucent	System 75	7405	SMDI		
	System 85	7405 / 7434	SMDI		
	Definity (2-wire)	8434	SMDI		
	Definity (4-wire)	7434	SMDI		
Mitel	SX 50	420 (DNIC)		SMDI	
	SX 200 / SX2000	430 (DNIC)			SMDI / Inband
Siemens	300E	Optiset Advanced			SMDI
NEC	NEAX	MCI Port	SMDI		

