

2 Port T1E1 Enhanced Digital Voice Port Adapter for Cisco 7200, 7500 Series Routers

Introduction

Cisco announces the new enhanced digital voice port adapters, PA-VXC-2T1E1+ and PA-VXB-2TE1+, for the Cisco 7200 and 7500 router series. Both offer the same industry-leading feature set and performance. These new enhanced digital voice port adapters come with increased memory for support of future voice and voice-band services. The cards differ only in their overall voice channel capacity. These single-width port adapters provide a highly integrated solution for large-scale TDM voice termination and packet voice processing for IP and Frame Relay networks. A complete set of signaling enhancements are supported on both 7200 and 7500 series routers positioning these products ideally for large scale voice processing in the enterprise and service provider networks.

The enhanced digital voice port adapters offer an end-to-end interoperable voice over IP solution with the 1750, 2600, 3600, 3660, 5300, 5800, 7200 and 7500 products. Powerful voice management on the 7200 and 7500 is offered through Cisco Voice Manager 2.0 Web-based user interface for provisioning, configuration, and monitoring functions.

Features

- Voice Support:
 - PA-VXC-2TE1: 120 medium-complexity codec, 60 high-complexity codec
 - PA-VXB-2TE1: 48 medium-complexity codec, 24 high-complexity codec
- Voice over IP: H.323 v2
- Voice over Frame Relay: FRF.11¹
- Fax Relay: T.30 fax protocol with relay, V.17, V.29, V.27
- Echo cancellation: 32 ms meeting G.165
- Signaling: E1 CAS, T1 CAS, E1 R2, PRI User and Network Side, Multi-D, Q.SIG, FG-D²
- Transparent CCS
- Voice Codecs Supported:

High Complexity Codecs	G.729, G.729b, G.723.1, G.723.1a, G.728
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Medium Complexity Codecs	G.729a, G.726, G.711
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Ordering Information

PA-VXC-2TE1+	2 Port T1/E1 High-Capacity Enhanced Digital Voice Port Adapter
PA-VXC-2TE1+=	2 Port T1/E1 High-Capacity Enhanced Digital Voice Port Adapter
PA-VXB-2TE1+	2 Port T1/E1 Moderate-Capacity Enhanced Digital Voice Port Adapter
PA-VXB-2TE1+(=)	2 Port T1/E1 Moderate-Capacity Enhanced Digital Voice Port Adapter

Orderability

Now

First Shipment

Cisco IOS 12.1(3)T August 28, 2000

- 1 FRF.11 Availability now for 72xx routers, 12.1(4)T for 75xx routers
- 2 FG-D Availability is 12.1(4)T



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