

SIP to TDM Course

(Virtual Instructor-led)

Part Number: 1600VSIPTE

This course is designed for those students who will be designing, implementing, and supporting ADTRAN IP Business Gateways (IPBG) products as a SIP to TDM conversion appliance.

The ADTRAN IPBG functions as a SIP to TDM Conversion Appliance which allows users to take advantage of SIP Trunks without replacing their legacy TDM infrastructure. The IPBG converts SIP signaling packets and RTP audio packets into: analog voice for integration with analog phones/key systems or digital voice with ISDN PRI/RBS T1 Trunks for integration with existing TDM based PBXs or Channel Banks.

The existing CPE does not need to be reconfigured, the IPBG simply emulates Telco by providing battery and dial-tone to analog devices or emulating a Class 5 Switch to digital appliances. This application is often the first phase for users keen on transitioning entirely to VoIP as it provides a stepping stone to migrate individual TDM components to either IP Phones for “Hosted Voice” or to an IP PBX.

This course will include interactive lecture as well as lab exercises. Integrated lab exercises are designed to reinforce the class content with installation, configuration and troubleshooting procedures associated with the NetVanta IP Business Gateway products. This is a live, web-based version of our 3-day classroom course; we will deliver the lecture in three 5 hour sessions. You will have access to ADTRAN equipment via the Internet through our remote training lab.

To enroll, go to www.adtranuniversity.com.

Course Content

- SIP and SDP
- Basic AOS Voice Configuration
- Troubleshooting SIP to FXS
- SIP to ISDN Configuration
- SIP to RBS Configuration
- T1 Voice Trunks
- Troubleshooting SIP to PRI/RBS
- Advanced Voice Configuration

Prerequisites

AOS Routing Basics

or

Equivalent Experience

Course Length

Live Lecture Sessions: Three days

Lab Sessions: Available on non-lecture days

Who Should Attend

- End Users
- System Engineers
- Network Engineers
- Value Added Resellers
- Distributors