

REFERENCE	BICSTE200US	DELIVERY LANGUAGE	English (course material in English)
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DURATION	8 hours	METHODS	Virtual self-paced training on the computer. 8 hours before c-learning
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 i-learning	8 hours		Virtual self-paced training on the computer. 8 hours before c-learning
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 c-learning	10 days		Traditional classroom or practical sessions with tutorials (TAP LAB)
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 v-learning			Tutored virtual training sessions accessible via an internet connection
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MAXIMUM NUMBER OF PARTICIPANTS	12
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PUBLIC

System Installers

Technicians and Engineers in charge of the configuration of an Alcatel-Lucent OmniPCX Enterprise in stand alone

OBJECTIVES

At the end of the course, the participant will be able to:

- Start the BiCS server
- Deploy the Hardware
- Configure the OmniPCX Enterprise
 - Main Telephony services
- Perform the OmniPCX Enterprise Backup & Restore
 - Perform the Level 1 maintenance on BiCS

The « + » of this training: using a customer site file, the participant will learn how to install a MidMarket oriented OmniPCX Enterprise on a BiCS platform (cabling, system start and stop, etc.).

PREREQUISITES

To have attended **Basic Telephony** (Ref.: FG00TE082US) or to have equivalent knowledge

To have knowledge of basic Computing skills (Linux, IP address modification, Current use of PC)

REQUIRED TECHNICAL CONFIGURATION

For i-learning

Access to the Business Partner Web Site. Internet Explorer version 5.5 or better, Macromedia Flash 7 and Acrobat Reader version 6 or better. Virtual Microsoft Java Machine (MSJVM).



PROGRAM DESCRIPTION

Phase 1: i-learning 8 hours

- To describe Alcatel-Lucent OmniPCX Enterprise global offer
- To describe Alcatel-Lucent BiCS architecture
- To describe Alcatel-Lucent OmniPCX Enterprise architecture
- To describe the hardware architecture
- To describe the system cabling
- To perform the system cabling using simulation tools
- To describe how to access to the system
- To describe the available logins
- To describe how to start and how to stop the system
- To describe Alcatel-Lucent OmniVista 4760 configuration tool
- To describe the range of terminals and interface modules
- To describe IP addressing plan principles
- To describe how to implement an Alcatel-Lucent OmniPCX Enterprise in a customer LAN
- To describe how to save and restore a database
- To describe the principles of the software licenses
- To describe how to save and restore licenses
- To describe the principles of the classes of services
- To describe groups' principles
- To describe multiline sets and associated services
- To describe Multi Line Appearance principles
- To describe attendant sets and attendant groups' principles
- To describe entities principles
- To describe the principles of the internal calls distribution (attendant call)
- To describe the principles of DECT mobility
- To describe IBS DECT equipment
- To describe the remote maintenance solutions (e-RMA)
- To describe how to start and generate traces (Crashdump & Kernel Debugger, OLCA)

Phase 2: c-learning 10 days

- To describe the tools and the training materials provided during the training course
- To describe the customer site file
- To setup the BiCS Server using the Wizard
- To install, save and restore the licenses
- To start and stop the system

- To access to the system using the available logins
- To use Alcatel-Lucent OmniVista 4760 Configuration tool
- To configure the IP addressing plan of the system
- To describe and modify the internal numbering plan
- To configure the users
- To configure the basic IP parameters
- To describe and configure the internal DHCP server
- To configure the classes of services
- To configure the groups
- To configure multiline sets and associated services (sets supervision, etc.)
- To configure a MLA group
- To describe and configure Executive / Assistant groups
- To describe and configure trunk groups:
 - ISDN T0 / T2 trunk groups
 - T1 trunk group (North American market)
 - Analogue trunk groups
- To describe and manage the system synchronization
- To describe and modify the default DID translator
- To describe and configure the external callback translator
- To describe and configure the outgoing external calls barring
- To describe and configure a simple Automatic Route Selection configuration (direct carrier, no time dependence)
- To describe and configure the calls distribution
- To describe and configure an IBS DECT solution
- To describe and configure speed dialing
- To describe and configure an Alcatel-Lucent OmniMessage 4645 voicemail system
- To save and restore the system database
- To save BiCS parameters
- To describe and configure a RMA solution (eRMA only)
- To describe and configure voice guides and music on hold
- To maintain the system (level 1)