

Hands-On

Avaya CS1500 Service Order - Line Administration

Station Options, Configuring TDM and VoIP Lines, Configuring Hunt Groups



Course Description

This Hands-On course is designed for telecom individuals (administrators, technicians, managers) who wish to gain knowledge about CS 1500 station options, and the process for configuring subscriber lines on the CS 1500.

This course will discuss the residential and business station options that are available on the CS 1500, and provide instruction for configuring subscriber lines using both command line and the Graphical User Interface (GUI).

Students Will Learn

- **Documentation CS 1500 Nortel Technical Publications (NTPs)**
- **Input/Output Command Line and Graphical User Interface (GUI)**
- **Station Options**
- **Residential**
- **Business**
- **How to Configure Subscriber Lines**
- **Time Division Multiplexing (TDM)**
- **Session Initiation Protocol (SIP)**
- **Media Gateway Control Protocol (MGCP)**
- **How to Configure Hunt Groups**

Target Audience

Administrators and Dispatchers that need a knowledge of the station options available on the CS 1500, and need to know the process for configuring subscriber lines using both command line and GUI.

Prerequisites

A basic understanding of Telecommunications and some basic understanding of Voice over Internet Protocol (VoIP) would

be helpful.

Course Outline

Module I: CS 1500 Documentation

Description and Use
Features and Services
Input/Output
Data Modification

Module 2: CS 1500 Input/Output

Terminal Access (Serial and Telnet)
Logging in
Resident Command
Operations, Administration, Maintenance, and Provisioning (OAMP) Commands
Graphical User Interface (GUI)

Module 3: CS 1500 Features

Residential Services
Business Services
VoIP Features

Module 4: Configuring Subscriber Lines

Time Division Multiplexing (TDM)
Session Initiation Protocol (SIP)
Media Gateway Control Protocol (MGCP)
Hunt Groups

Notes

- The equipment listed below, would be required for an extensive Hands-On Experience
- Access to CS 1500, both private OAMP network and Public VoIP network
 - The CS 1500 office should already be configured to support VoIP
 - Computers for students with network access
 - Working phones (TDM and VoIP) for programming purposes
 - Laptop Projector
 - White board

Delivery Method

Instructor led with Hands-On exercises.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

3 Days