

## Course Description

This course will also provide a practical Hands-On approach to provisioning, maintaining, interpreting, and reviewing a Basic Alternate Route Selection (BARS) database and a Network Alternate Route Selection (NARS) database on a Private Branch Exchange (PPX) using the Command Line Interface (CLI), and much more...

This course is designed for support personnel who are responsible for provisioning, maintaining, interpreting, and reviewing a Basic Alternate Route Selection (BARS) database and a Network Alternate Route Selection (NARS) database on a Private Branch Exchange (PPX) using the Command Line Interface (CLI).

## Students Will Learn

- **Overview of trunking TGAR and TRAG for routing without ESN.**
- - **Overview of basic trunks and configuration**
- - **Overview of ESN data blocks**
- - **How route list and routes interact.**
- - **NCOS and FRL levels explanation and set-up**
- - **Overview of Numbering plans**
- - **CDP call routing**
- - **Changing of call types for presentation to Carriers**
- - **Hands on training create your own numbering plan.**
- - **Trouble shooting for problems**
- - **Testing of skill levels for BARS and NARS**
- - **Adding new NPA or NXX numbers to system.**
- - **Create new trunk route how to add to route list for trunking.**
- - **Deleting or adding digits to dialed number or number manipulation.**

## Target Audience

This course is designed for support personnel who are responsible for provisioning, maintaining, interpreting, and reviewing a Basic Alternate Route Selection (BARS) database and a Network Alternate Route Selection (NARS) database on a Private Branch Exchange (PPX) using the Command Line Interface (CLI).

## Prerequisites

Students should have the following knowledge of

- Meridian 1 system in overlays 15, 16, 17 and 14.
- Performing call traces on calls in system to verify call routing correctly.
- Understanding trunking difference between Tie , COT and DID

## Course Outline

To be modularized/tailored based on client specifications and requirements.

## Notes

- Have access to (1-minimum) PBX for programming of BARS and NARS
- White board available
- Projector
- Training material used will be based on most current NTPs from Nortel.

## Delivery Method

Hands-On Instructor Led with numerous exercises and labs throughout this course.

## 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

5 Days