

## Course Description

This important device is the key of the Extension Complex, and has helped modernize the GTD-5 by performing many key roles in daily switch operations such as AMA and billing record recording, alarm information, and certain types of database administration such as for the Alcatel-Lucent XAIU line frame or fiber-optic High-Speed Interface trunking.

It also is used to load new software releases, or standard switch image and loading procedures. It also offers a highly versatile user's guide terminal, a VPN connection between the GTD-5 and the internet, several ethernet-based input-output terminals, plus other gateway functions which make the OG a very flexible maintenance device. Because it runs on a UNIX shell, it uses a different command-line and desktop topology than other GTD-5 terminals. This layout and user commands are discussed, for both the underlying OS and higher level switch applications. Also, if using a highly-available OGHA (redundant) unit, techniques on how to inquire and control each "copy" are shown, as well as the correct maintenance techniques used to change cards.

Since most telcos do not utilize all available aspects of the Operations Gateway, the 3 day course duration is usually sufficient to familiarize students with most concepts of their daily job functions.

However, those requiring knowledge of multiple OG applications or those with no previous familiarity with UNIX shell commands might require additional time. In these cases, course durations of 4 or 5 days are usually sufficient to cover all needed instruction and practice.

## Prerequisites

Students taking the Support course should have taken the Overview and Maintenance Troubleshooting courses previously, or already have significant experience with GTD-5 card-level repair techniques. Concepts from the Overview, Maintenance and Support courses can be combined into one accelerated single course of overall shorter duration than any combination of the three, although please note the success of doing so can depend upon a students' prerequisite knowledge and general existing background in switching systems.

## Notes

This course requires access to customer GTD-5 Switch or Switches for Non-Intrusive training.

## Delivery Method

Instructor-Led with numerous labs and exercises.

### **Equipment Requirements**

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

This course requires access to customer GTD-5 Switch or Switches for Non-Intrusive training.

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