

## DCOSS T3 Solution



### Fully Loaded T3



### 1344 Individual DS0's Available



### Manual or Bulk Calling



### Traffic Generation



### Remote Client Operation



### Single 19" Rack



### Complete Solution Including DS-3 MUX



High-density traffic loading has become an essential testing tool for developing today's Networks and Gateways. Along with loading all DS0's of a complete T3, simulating all types of real-time traffic and providing analysis of the traffic is required.

GL introduces a complete T3 digital Bulk Call/Manual Call emulation system. Using four DCROSS systems, supplying all 56 DS1's, and two T3 Mux's, a fully loaded T3 system can be configured. The entire T3 solution is housed in a single 19" rack and utilizes a single keyboard, mouse and monitor to control all four DCROSS units through a PC switching arrangement. In this configuration, full control of all 672 full-duplex circuits is possible. Traffic (real-time Voice Calls, Voice Files, Fax Calls, Modem Calls, DTMF/MF digits, and Single-/Dual-Frequency Tones) can be individually assigned to each circuit through Bulk Call Configurations as well as Bulk Call Scripting. Each DCROSS call may be tested for continuity, quality, and integrity simultaneously. In addition, each DCROSS can originate or terminate voice calls from standard telephones. All of the advanced features/functions, available with a single DCROSS, are accessible using the T3 configuration.

Manual calls (including calls generated using analog or BRI phone handsets) and Bulk Calls (including Bulk Call scripting and Bulk Call scheduling) for all 1344 DS0's (672 timeslots per T3) is supported. Traffic generation on each of the 1344 DS0's can be achieved using Voice Files, Fax Emulation, Modem Emulation, DTMF/MF Digits, and Single-/Dual Frequency Tones.

#### Main Features

- Full T3 loading with individual control (traffic and signaling) of each of the 1344 timeslots.
- Bulk Calling and Bulk Call Scheduling.
- Traffic Generation including Voice Files, DTMF/MF Digits, Frequency Tones, Fax, and Modem.
- Remote Access, using a single DCROSS client, for the entire T3.
- Voice Quality Testing using the stand-alone GL VQT tool.

For more details on T3 Solution, please visit <http://www.gl.com/dcosst3solution.html>.



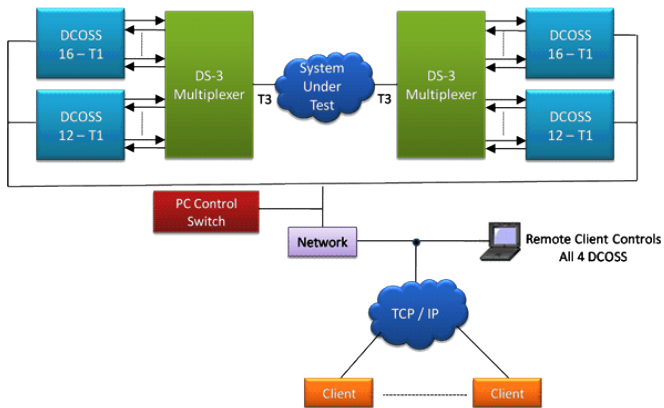
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## DCOSS T3 System

Four individual DCOSS systems are required along with a PC Controller Switch to create GL's DCOSS T3 Solutions. Two DCOSS units (one with 16 T1 spans, the other with 12 T1 spans with full control of signaling, traffic generation, and traffic detection) are required for fully loading a DS3 line. Thus, four DCOSS units are required for simulating both sides of the DS3 line. Traffic can be generated from any or all of the DS0's that comprise the entire T3. The four DCOSS systems may be networked together so that a single DCOSS Remote Client can easily control both sides of the entire T3 configuration (all four DCOSS systems). Also, a single PC station can control all four DCOSS systems using a PC controller switch (switching monitor, keyboard, and mouse).



## DCOSS Remote Client

The DCOSS Remote Client can control all four DCOSS systems using a single GUI. All functions/features, of each of the DCOSS systems, are accessible using this GUI. Also, the DCOSS Client can grab the event/record screens, from each of the DCOSS servers, and display them on the DCOSS client screen.

DCOSS client displays all DS0's of the entire T3 and generates single reports for the entire T3. Thus, the DCOSS client provides the essential link for displaying, controlling and reporting the entire T3 as a single system.

