



## Access Navigator Product Guide

### **Access Navigator/ GR-303 Host**

*The Access Navigator/GR-303 Host offers a highly integrated solution for combining multi-line voice and data services on customers' DS1 access lines. Using the Bellcore standard GR-303 digital loop carrier, up to 672 customer telephone DS0 channels can be assigned on a call-by-call basis to Class 5 local digital switch DS1 connections. In addition to the concentration of CLASS voice services, the Access Navigator grooms fractional DS1 data connections from customer locations (up to 32 DS1s per chassis). Access Navigator provides service management access via SNMP, Telnet, CLI, and GUI. Flow-through provisioning and testing over DS1 connections from the Access Navigator to Carrier Access' Access Bank II and Adit 600 units reduces installation and service labor by offering a distributed deployment solution.*

### **Access Navigator/ DCS Service Manager**

*The Access Navigator/DCS Service Manager combines the functions of a 32 port DS1 Digital Cross Connect System, DS1 CSUs, and DS1 diagnostic test equipment into a modular chassis of only 1.5 rack units high. Optional controller redundancy and modular DS1 expansion provide carrier-class service protection and management at either carrier or customer located DS1 service access points.*

Item	Part Number	Description
<b>Configured Systems</b>		
GR-303 (32 DS1)	930-0201	AN chassis, 8 Quad DSX-1 cards, 2 GR-303 controller cards, DCS and GR-303 software
GR-303 host with P-phone service support	930-1026	AN chassis, 8 Quad DSX-1 cards, 2 GR-303 w/ P-phone controller cards, DCS and GR-303 w/ P-phone software
DCS Service Manager (32 DS1)	930-0202	AN chassis, 8 Quad DSX-1 cards, 2 DCS controller cards, DCS software
<b>Components</b>		
Access Navigator Base	930-0200	Access Navigator chassis
DCS Controller Card	740-0016	Access Navigator controller card with Digital Cross Connect software
GR-303 Controller Card	740-0017	Access Navigator controller Card with Digital Cross Connect software and GR-303 software
GR-303 w/ P-phone Controller Card	740-0216	Access Navigator controller card w/ Digital Cross Connect and GR-303 w/ P-phone software
Quad DSX-1 Card	740-0018	Access Navigator Quad DSX-1 card. This card provides 4 DS1 interfaces for DS-1 (long hauls) or DSX-1 (short haul) transmission levels.

Item	Part Number	Description
<b>Access Navigator Accessories</b>		
Upgrade Kit	750-0007	CD ROM containing the latest released software version for the Access Navigator. Also includes updated manual (electronic version) and field upgrade instructions.
GR-303 w/ P-phone Software Upgrade Kit	750-0042	CD-ROM containing the latest release software version for the Access Navigator w/ Digital Cross Connect and GR-303 w/ P-phone software. Also includes updated manual (electronic version) and field upgrade instructions.
Manual (hard copy)	770-0079	Access Navigator installation manual and user guide.

<b>Universal Accessories</b>		
DSX-1 Cable	005-0025	64 pin DSX-1 cable, 10 feet, Male/Male.
DSX-1 Cable	005-0030	64 pin DSX-1 cable, 25 feet, Male/Male.
19" Vertical Mount Crossbar	710-0003	Two (2) heavy duty 19" horizontal crossbars for vertical installation in equipment racks and cabinets.
23" Vertical Mount Crossbar	710-0004	Two (2) heavy duty 23" horizontal crossbars for vertical installation in equipment racks and cabinets.
19"/23" Rack Mounting Brackets	710-0153	Universal 19" or 23" heavy duty rack mounting brackets with mounting screws.

## **Included Items**

### **PORTS**

- Two 64-pin female champ connectors
- One 6-pin alarm input connector
- One 6-pin alarm output connector
- One 9-pin female RS-232 management port
- One RJ45 10BaseT SNMP/Ethernet management port
- Two independent -48 VDC power input connectors

### **ACCESSORIES**

- Access Navigator installation manual and user's guide
- 19"/23" rack mounting brackets
- Two power cord connectors
- One alarm input connector
- One alarm output connector
- Connector release tool

### **SOFTWARE**

- SNMP and Telnet Agent Embedded Software

<b>Item</b>	<b>Part Number</b>	<b>Description</b>
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- Command Line Interface Embedded Software
  - **DCS:** 1/0 cross connect software
- OR
- **GR-303** Bellcore GR-303 digital loop carrier protocol software

**POWER OPTIONS**

- -48 VDC

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