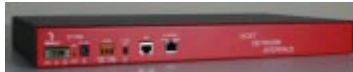




IP-CommKit™ Host Network Interface



Do you want to retire your remaining BNS/Datakit® II VCS nodes but are afraid to do so because of connected hosts running legacy applications using CommKit or IP-CommKit? Is there support or source code for your legacy applications?

The solution to all these problems is here today: the **DT-7000** from Datatek Applications.

THE DT-7000 SOLUTION

The DT-7000 replaces BNS node functionality and allows the completion of the migration process from a BNS network to an all- IP network. The transition is transparent to the resident legacy application(s) on hosts running CommKit or IP-CommKit and to other endpoints.

WHAT IS A DT-7000?

The DT-7000 is an evolutionary design. It replaces the following BNS nodal functions:

- Communication with an IP-CommKit connected host
- The node backplane
- The node controller
- A node's interface to non-CommKit/non-IP CommKit IP endpoints

The DT-7000 enables host communication on an IP network with up to sixty-four other IP-CommKit hosts, each connected to its own DT-7000 via an IP network and with over five hundred IP endpoints. IP endpoints may include a BNS network and its associated endpoints.

MIGRATION STRATEGY

In order to use a DT-7000, any copy of CommKit currently in use on the host must be replaced with IP-CommKit. No changes to host application software are required, so the conversion to IP-CommKit is transparent. The host is then connected via IP to a DT-7000. The DT-7000 communicates with other endpoints in an IP network without being connected to a BNS network, with the application functionality remaining unchanged.





KEY FEATURES

- Replacement of BNS Node functions for one IP-CommKit Host.
- Communication with over 500 IP endpoints and 64 other IP-CommKit Hosts connected to DT-7000's. (Endpoints can be resident on a BNS network)
- Closed User Group security for protection of sensitive network endpoints
- Peer-to-Peer communications using secure encryption
- Extensive measurement reporting and diagnostic capabilities
- SNMP management
- 10/100BaseT LAN Interface
- Power Over Ethernet (POE)
- Redundant Power Option
- High Availability Redundant Failover Option
- No changes required in Host application software, operations tables, or procedures
- Locate the Host and DT-7000 anywhere in an IP network.
- Host and DT-7000 do not have to be co-located.
- Easy configuration
- Remotely administered via telnet console, or locally via serial console.
- Allows staged elimination of BNS nodes
- Small size – frees valuable floor space.
- Rack-mount in a standard 19" or 23" frame or standalone on a shelf or table.
- Requires no special cooling
- No internal fans to break down

FEATURES

Physical

10/100BaseT LAN Interface
1 User Serial Console Port (User Port Connector Type: RJ45)
Alarm Grid
Temperature Alarms

Software

Telnet Console
Optional Data Encryption
Host IP Address Resolution Table
DNS Support
Closed User Groups
SNMP Agent
Hunt Groups
504 IP Endpoint Connections
64 Connections to Other DT-7000's
BNS Node Controller Functions (includes Call Processing, Alarms, Measurements, Diagnostics)

Power Options

48V DC (CO Power) Input
18-72 V DC Input
AC to +24 V DC Input
Power over Ethernet (802.af) Input
+5 V DC Output

Size

W: 16.9" x H: 1.72" x D: 8.77"



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