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Series 2000 IP-FANOUT

Internet Protocol Fanout Application

Release Notes

COMCODE: 408180081 (HSDKAP)

OR

COMCODE: 408180099 (DKAP)

1. Introduction

This document highlights the product features, known caveats and any special considerations for the IP-FANOUT Release 1.0 product. For detailed information on this product, reference the IP-FANOUT Administration Guide, Issue 1.0.

2. IP-FANOUT Feature Description

The IP-FANOUT application is available for both the BNS Integrated Applications Processor (DKAP) and High Speed DKAP (HSDKAP) modules. The IP-GATE was designed in conjunction with the IP-FANOUT application to handle worldwide functionality.

The IP-FANOUT application performs a distribution function where an IP-GATE located at a remote site is connected to the DKAP/HSDKAP via a virtual circuit on the WAN. This distribution allows a central IP-GATE connected home LAN to communicate with 500+ IP-GATE connected remote sites. IP PDUs from a single IP-GATE at a central home site are sent by the IP-FANOUT application to only the intended remote sites. Since the IP-GATE unit has the ability to make intelligent routing decisions the IP PDUs are not broadcast throughout the entire WAN. At the remote site, IP-GATE unit(s) pass native IP traffic to the local IP network and routes all other traffic to the home site. The combination of the IP-FANOUT application with the IP-GATE Internetworking Interface presents the absolute minimum load to the WAN infrastructure and facilities.

3. Configuration

The *home* and *remote* IP-GATEs can be connected to a SAM, TSM8, or TSM-T1 port depending on throughput requirements. However, it is highly recommended that the *home* IP-GATE end point is connected to the network via TSM-T1 due to bandwidth requirements and the *remote* IP-GATE units connect to the SAM ports. Refer to the appropriate BNS documentation for further information on SAM, TSM8, or TSM-T1 port configuration.

Configuring the IP-GATE has many site dependant variables. The IP-GATE, when configured for IP-FANOUT must have its own "drop" address. For configuration details on IP-GATE with IP-FANOUT, reference the IP-GATE Inter-Networking Interface User's Manual, Revision 2.0.

4. Installation

The IP-FANOUT application is available either on a BNS-2000/BNS-2000 VCS controller tape or a StarKeeper™

DAT tape. For installation details, reference the IP-FANOUT Administration Guide, Issue 1.0.

5. Special Notes

- The node containing the DKAP/HSDKAP module and IP-FANOUT software must be running BNS-2000 VCS R5.0, BNS-2000 R4.0 or a later release.
- The IP-FANOUT application is Year 2000 Compliant.