



READ ME FIRST !!

IP-GATE

**Internet Protocol
Inter-Networking Interface
Product / Release Notes for
Build 5**

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IMPORTANT!!

The IP-GATE is factory configured for **115V AC** usage. 48V DC operation requires a different jumper setting on the IP-DSU system board. Refer to the latest Datatek IP-GATE User's Manual at the Datatek Applications Web Site for instructions on changing this factory setting.

USER DOCUMENTATION AND SOFTWARE UPDATES ARE AVAILABLE AT OUR WEBSITE.

Documentation:	http://www.datatekcorp.com
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INTRODUCTION

This document highlights the product features, modifications, known caveats and any special considerations for the IP-GATE product. For detailed information on this product, reference the IP-GATE User's Manual.

PRODUCT FEATURES

For locations that have Lucent Technologies BNS-2000 Family of Products presence and require an IP connection, the IP-GATE can be used to provide an IP extension cord. Plug in the IP-GATE and it will transport IP traffic from one side of a BNS-2000/BNS-2000 VCS network to a matching IP-GATE on the other side of the network.

The IP-GATE is an intelligent gateway that allows IP based traffic from a Local Area Network (LAN) segment to be transported across a Wide Area Network (WAN). Its principal application is for widely distributed, high reliability, or high security IP based networking. It allows for the presence of an Ethernet segment where there is only a SAM, Multi-Purpose Concentrator (MPC) or Node.

The IP-GATE is **NOT** a bridge. It makes intelligent decisions about what is to be routed and what is not to be routed on the WAN. It works by building prioritized routing tables where traffic that is not local is routed through the WAN. It needs little configuration and does not rely on classical routing protocols. As such, it is **NOT** subject to "Routing Flap" failures that are prevalent today. The principal intent is for a high reliability, secure IP network via a WAN infrastructure.



IMPORTANT SAFETY INSTRUCTIONS



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

When installing, operating, or maintaining this equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read and understand all instructions.
- Follow all warnings and instructions marked on this product.
- For information on proper mounting instructions, consult the User's Manual provided with this product.
- The telecommunications interface should not leave the building premises unless connected to telecommunication devices providing primary and secondary protection.
- This product should only be operated from the type of power source indicated in the User's Manual.
- This unit is intended to be powered from either -48 V DC or AC voltage sources. See User's Manual before connecting to the power source.
- The -48 V DC input terminals are only provided for installations in Restricted Access Areas locations.
- Do not use this product near water, for example, in a wet basement.
- Never touch uninsulated wiring or terminals carrying direct current or leave this wiring exposed. Protect and tape wiring and terminals to avoid risk of fire, electric shock, and injury to service personnel.
- To reduce the risk of electrical shock, do not disassemble this product. Service should be performed by trained personnel only. Opening or removing covers and/or circuit boards may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the unit is subsequently used.
- For a unit intended to be powered from -48 V DC voltage sources, read and understand the following:
 - This equipment must be provided with a readily accessible disconnect device as part of the building installation.
 - Ensure that there is no exposed wire when the input power cables are connected to the unit.
- Installation must include an independent frame ground drop to building ground. Refer to User's Manual.



This symbol is marked on the IP-GATE, adjacent to the ground (earth) area for the connection of the ground (earth) conductor.

- This Equipment is to be Installed Only in Restricted Access Areas on Business and Customer Premises Applications in Accordance with Articles 110-16, 110-17, and 110-18 of the National Electrical Code, ANSI/NFPA No. 70. Other Installations Exempt from the Enforcement of the National Electrical Code May Be Engineered According to the Accepted Practices of the Local Telecommunications Utility.
- For a unit equipped with an AC Wall Plug-In Unit, read and understand the following:
 - Use only the K'TRON, Model KA-52A Wall Plug-In Unit shipped with this product.
 - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
 - Do not staple or otherwise attach the power supply cord to the building surfaces.
 - Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
 - The socket outlet shall be installed near the equipment and shall be readily accessible.
 - The Wall Plug-In unit may be equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug is intended to fit only into a grounding type power outlet. Do not defeat the safety purpose of the grounding type plug.
- Do not allow anything to rest on the power cord. Do not locate this product where the cord may be abused by persons walking on it.
- Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power supply cord or plug is damaged or frayed.
 - b) If liquid has been spilled into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by qualified technician to restore the product to normal operation.
 - e) If the product has been dropped or the cabinet has been damaged.
 - f) If the product exhibits a distinct change in performance.

Save These Instructions



HARDWARE WARRANTY

The warranty period for hardware shall be one year from the date of delivery. Replacements and repairs are guaranteed for the longer of the remaining original warranty period or 90 days.

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