

### Applications:

- Ethernet Business Services Delivery
- WAN Extensions
- Campus Networks
- Video Surveillance
- Building Automation
- Transportation Systems
- Media Converter

### Key Highlights:

- Self-Managing Gigabit Ethernet Transport
- Auto Configures with all Ethernet Switches and Routers
- Chain or Ring Network (Trunking) Ports Fiber or Copper
- 4 Ethernet Service Ports full line rate (500Mbps)
- 8 Hour battery back-up option
- Status Indicator LEDs
- Remote management of RHINO and UPS Batteries

The RHINO GTO provides cost effective Gigabit Ethernet transport for high speed IP-based data services. Gigabit Ethernet transport provides the bandwidth required for demanding Data, Video and Voice services.

### **Reclaim Fibers for Metro Ethernet Services Delivery**

The RHINO GTO is a hardened GigE Transport platform with an integrated Ethernet switch. The two (2) Network ports are Gigabit Ethernet and can be any distance range of single mode or multimode fiber or copper. The service inputs on the GTO are four (4) 10/100 Ethernet ports.



### **Industry's Lowest GigE Transport Costs**

- RHINO GTO is optimized for High Bandwidth applications
- Hardened enclosure and electronics withstand harsh weather
- Pluggable optical and/or copper SFP ports provides flexibility
- Lower optical transceiver costs - RHINO supports the complete distance range of single mode and multi-mode ReadyLinks SFP laser packs
- Ethernet switch capabilities provides flexible IP data management

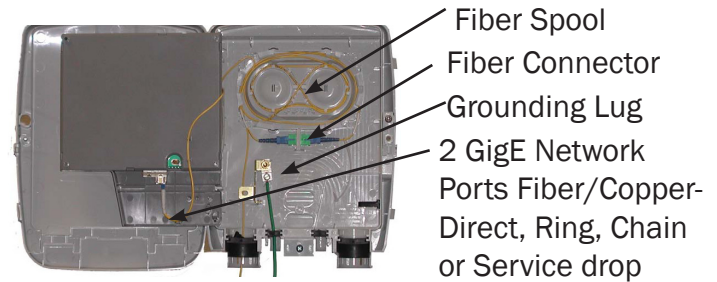
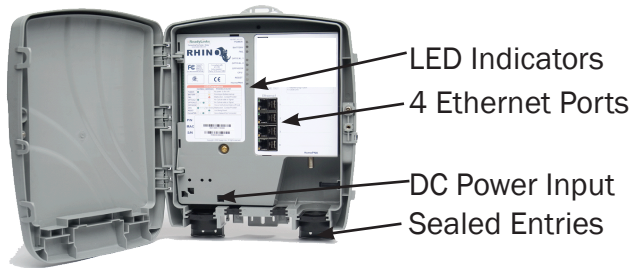
### **Open Standards Based**

The RHINO GTO is compatible with all major Ethernet Switch and Router Vendors. The GTO is truly a plug and play Ethernet termination solution.

### **Rapid One Step Provisioning, Multiple Management Options**

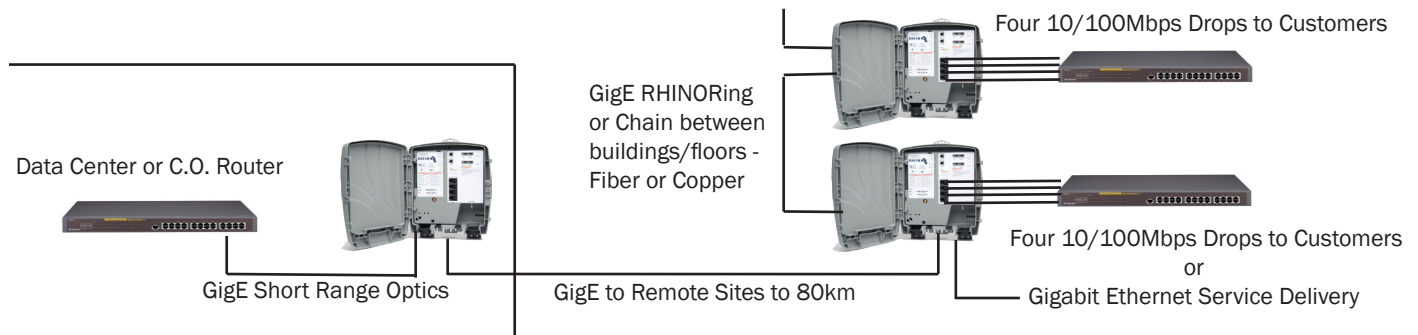
- Remote management of RHINO reduces truck rolls
- Auto provisioning via DHCP and active scripts
- Command Line Interface (CLI) with standard commands
- ReadyLinks BONUS Graphical User Interface

### RHINO GTO Interfaces



### RHINO GTO Network Example:

The RHINO GTO has several configuration options to provide Gigabit Ethernet transport solutions:



### Specifications

#### Environmental Specifications

Operating Temperature	- 40 to 80 ° C
Input Voltage, Power Consumption	12 VDC, 8 Hour optional battery backup, 9 Watts
Humidity	95% non-condensing
Certifications	UL, CSA, CE, FCC Part 15 Class B

#### WAN and Service Ports

WAN Connectivity	2 SFPs supporting 1Gbps symmetrical Ethernet - one port may be a service drop. Works with dual or single fiber, single mode or multi-mode, short, medium or long reach SFPs and Copper SFPs
Ethernet Service Ports	Four (4) 10/100BaseTX Ethernet full duplex RJ-45, full line rate. Optional 1Gbps Service drop using WAN SFP - fiber or copper.
Quality of Service	802.1Q VLAN, 802.1p, (Voice, Video, Data and Management have priorities), QinQ tagging, up to 200 VLANs, Per port egress rate shaping and ingress rate limiting and policing, video prioritization
Standards Compliance	IEEE802.3, IEEE802.3u, IEEE802.x, IEEE802.1D, IEEE802.1Q VLAN ID, RoHS, GR-49

#### Mechanical Specifications

Dimensions, Weight	9"(L) x 8"(W) x 1"(H), (229mm x 203mm x 25.4mm), 4 lbs.
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Note: specifications are subject to change. V2.3