

Orbitor 500

The Flexible Solution for ISDN Routing

- IP/IPX Routing
- Bridging all Other Protocols
- ISDN Network Access
- Industry Standard STAC Compression
- IP & IPX Protocol Spoofing
- Voice & Fax Interfaces
- Internet Feature Set
- Data-Call Preemption
- NetSAFE Firewall Security
- NetWizard Configuration GUI
- PPP-MP Internet
- PPP-MP Inter-Operability
- NAT/DHCP
- Bandwidth-on-Demand
- ISDN PPP Switched/Permanent Channels can be Mixed
- ISDN PPP Digital Leased Circuit 128k
- Frame Relay over Digital Leased Line
- Telnet and SNMP v2 Management
- 5 Year Warranty

Need to Network?

In today's complex, communications-driven business environment, that's like asking if you need oxygen to survive, especially if you're a Small Office/Home Office (SOHO) enterprise. Understandably, since every Fortune 500 company at one time shared your origins, you too have ambitions for growth and greatness. Reality, however, dictates that cost-effectiveness also be inherent to a company's achievements.

Start Small, Think Big

The TriNexus **Orbitor 500** Router provides unprecedented flexibility and versatility to network administrators. In a modestly priced package, you can now connect any number of LAN users to a remote central LAN, to a corporate *Intranet*, or to the worldwide *Internet*. Users can remotely access and transfer files, send and receive e-mail, forward print jobs, and even surf the Net. In the process, you can reduce the number of phone lines (with optional voice ports), combining data, or voice, and fax traffic onto a single ISDN line.

Threefold Cost-Effectiveness

Your **Orbitor 500** cuts cost three ways: First, unparalleled feature price-performance means you save on acquisition costs. Second, our *Data Compression* algorithm (*Stac LZS*) can increase link throughput by as much as 600%, allowing you to send data faster by virtue of dramatically reduced connect times. Third, the "*Spoofing*" feature eliminates idle on-line time by suspending the line when inactivity (user-defined in duration) is detected, automatically reactivating the line when live data begins to flow.

Warranty

Combining exceptional performance in an ultra-compact package, the **Orbitor 500** Router is backed by TriNexus's 5 *Year Warranty*. The ultimate reward in "Peace of Mind"

Flexibility

Take full advantage of the services inherent to an ISDN line. Indeed, no matter how you utilize ISDN B-Channels, the **Orbitor 500** delivers an intelligent and transparent service. *Multi-Point Connectivity* allows data calls to two separate locations. It can also detect the need to communicate with a remote IP (Internet Protocol) address and automatically establish the call. You can create a virtual 128 Kbps (Kilobytes per second) pipeline by using the *Multi-Link PPP* capability, combining and routing both B-Channels to a single destination. The *Bandwidth-on-Demand* feature activates the second B-Channel only when required. *Data-Call Preemption* lets you place outgoing, and receive incoming, voice or fax calls when both channels are otherwise in use by preempting one of the channels, reconnecting it when the voice or fax call is finished. Finally, our *NetWizard GUI* configuration provides non-technical users with simple tools to set up their **Orbitor 500** from any PC or MAC.

Internet Access

Enjoy high-speed access to the Internet. Our comprehensive Internet feature set combines enhanced functionality with reduced access charges. Map internal (and private) IP addresses to other IP addresses, dynamically assigned by the *Internet Service Provider (ISP)*. Allow multiple (and private) IP addresses to share a single IP address assigned by the ISP. Provide easy access to Web and Intranet servers. And, because of the **Orbitor 500's** *Dynamic Host Control Protocol (DHCP)*, there's no need to incur the cost of installing separate DHCP server software.

Security

Internet intruders are not welcomed! TriNexus's **Orbitor 500** employs *NetSAFE Firewall* to guard against intruders and hackers, restricting access to and from any device, browser, or server. To-and-from access is limited to user-defined IP addresses. These capabilities can also be combined so that all company sites have access to Intranet and FTP servers, while the general public has access only to the Web server.



Orbitor 500 Product Specification

The Product

We do it your way; if you need IP routing pick the **SOHO** model and only pay for what you need. If you need a full blown IP/IPX router with unlimited users, go with the **Branch Office** model. Either way you get our assurance of a top-quality, feature rich product.

All **Orbitor 500** models provide a 10BaseT Ethernet LAN port and an ISDN BRI WAN port supporting S/T or U Interfaces with 2 56/64 kbps links. The **SOHO IP** models include IP Routing, and support for up to 10 LAN stations. The **Branch Office** model adds IPX Routing, Spoofing and support for an unlimited number of LAN stations. The voice option adds support for 2 analog voice/fax ports. If you purchase a **SOHO** model you can upgrade to the **Branch Office** Software to add IPX Routing, Spoofing and support for an unlimited number of LAN at any time.

Voice

The **Orbitor 500** saves the cost of installing and paying ongoing charges for a separate analog business telephone line to handle voice and fax traffic. By simply connecting phones and/or fax machines to the **Orbitor 500's** voice/fax ports, voice/fax calls will be directed to the appropriate device.



Size: (cm) 4Hx15.5Wx11D
(in) 1.6Hx6.1Wx4.3D

Weight: 300g / 11oz

Temperature: 2C to 50C / 35F to 122F

Humidity: 20% to 80% non-condensing

Type Approvals:

- NET 3

Security Protocols:

- NetSAFE Firewall
- PAP (Password Authentication Protocol)
- CHAP (Challenge Control Protocol)

NAT (Network Address Translation)

DHCP (Dynamic Host Configuration Protocol)

Network Management:

- NetWizard Configuration GUI
- SNMP v2, MIB II, Bridged MIB, Enterprise MIB
- In-Band Management (Telnet)
- Out-of Band Management (Async Console Port)

Bandwidth-on-Demand:

- Time-of-Day Scheduling
- Traffic Level Bandwidth Allocation
- IP Address Auto-Connection

Link Speed: 128kbps Aggregate

Compression: Stac LZS

Certifications:

- BABT
- CE Approved
- NI-1 North America
- ISO 9002 Certified Manufacturer

5 YEAR WARRANTY

TriNexus

241-111 Research Drive
Saskatoon, SK
Canada S7N 3R2

Phone 306.668.7711
Fax 306.668.7710

Email info@trinexus.com

Web www.trinexus.com

Info@TriNexus.com
Support@TriNexus.com
<http://www.TriNexus.com>

All specifications Subject to Change Without Notice

ConsulⁱⁿTel
Consultores Integrales en Telecomunicaciones

c/ Molino de la Navata, 75
La Navata / Galapagar – 28420 (Madrid)

Tel: 91-8587509 – Fax: 91-8587631

<http://www.consulintel.es>
info@consulintel.es