Introduction
Understanding what the UBM series platform can do for your bottom line.

The UBM500 appliance provides network administrators with a unified platform to optimize network performance, which improves productivity, and reduces telecommunication costs. By leveraging our Bandwidth Continuity technology, the UBM500 can reduce “network slowness” issues and deliver better overall application throughput. If your organization would like to improve the utilization of its existing network infrastructure and easily upgrade bandwidth for mission critical applications the UBM500 is the ideal bandwidth deliver system.

**KEY FEATURES**
- Accelibond Link Bonding
- Adaptiband DBM
- Site2Site Tunnel Bonding
- ActiveDNS w/SLB
- XFlow Real-Time Reporting

**SPECIFICATIONS**
- 500Mbps Performance
- Five WAN Links
- GigE Bypass Interfaces
- Up to 3 Year Warranty
- 1U Rack Mountable

**FAQs**
- Can this appliance actually bond ISP links together? **Yes**
- Does this appliance deliver network redundancy? **Yes**
- Can this appliance help to prevent “network slowness”? **Yes**

The UBM500 appliance provides full layer-7 application delivery services, and includes link/tunnel bonding, dynamic bandwidth management, automated network failover, local and geographic server failover and balancing, along with built-in real-time network reporting. The UBM500 is easy to configured via a web user interface.
**UBM500**
BANDWIDTH CONTINUITY SOLUTIONS

**FEATURES**

- **Accelibond ISP Bonding** - Unique bonding technology which combines multiple Internet connections (3Mbps + 5Mbps = 8Mbps) in order to dramatically accelerate web site downloads from one or more remote server resources.

- **ActiveDNS (DNS Server)** - Enterprise class DNS services are built-in to the EdgeXOS platform which enable multi-WAN server load balancing and failover. Specialized delegation feature prevents domains from having to be transferred.

- **Adaptiband DBM** - Dynamic Bandwidth Management includes unique traffic shaping and QoS capabilities which greatly simplifies bandwidth control. DBM automatically minimizes P2P usage and bandwidth hogs, thus preventing "network slowdowns".

- **MVP Routing** - Intelligent next generation vector routing technology which is designed to automatically adjust network routes as needed to optimize and prioritize application performance and ensure 99.999% uptime.

- **Comprehensive Router** - Built-in to each EdgeXOS appliance is a full set of standard network routing capabilities, including DHCP, VLANs, secondary interface addresses, static routing, RIP/OSPF routing, and XRoads' specific routing algorithms.

- **Accelibond ISP Bonding** - Unique bonding technology which combines multiple Internet connections (3Mbps + 5Mbps = 8Mbps) in order to dramatically accelerate web site downloads from one or more remote server resources.

- **Real-Time Traffic Reporting** - The EdgeXOS platform includes real-time network reporting using our XFlow technology. XFlow monitors network traffic and reports on throughput, application usage, and top users via continuously updated graphs.

- **Site2Site (VPN Virtualization)** - Multiple ISP tunnel bonding (for improved performance) and automated tunnel failover highlight the capabilities of the EdgeXOS appliance when it comes to connecting remote and/or branch offices to central data centers.

- **ActiveHA (ISP Failover)** - In the event of a network outage, the EdgeXOS platform automatically detects and fails over to the remaining active connections. SLA reporting and deep path inspection constantly monitors link status.

- **MVP Routing** - Intelligent next generation vector routing technology which is designed to automatically adjust network routes as needed to optimize and prioritize application performance and ensure 99.999% uptime.
INCREASED EFFICIENCY VIA HARDWARE CONSOLIDATION

The UBM series of products is CE/FCC/UL Listed and RoHS compliant, it improves efficiencies through the reduction of power and cooling costs. The UBM series also saves rack space by combining features, which were once contained in multiple network appliances, in to a single platform resulting in a faster return on investment.

SUPERIOR HARDWARE PERFORMANCE

By design, the UBM series of products runs on the latest available multi-core networking hardware. XRoads Networks is continuously evaluating and integrating the latest hardware technology. The XOS firmware running on the UBM platforms was optimized for multi-core network processing and thus outperforms many of its rivals.

UNSURPASSED VALUE

Customers around the world have deployed the XOS firmware running within the UBM series and have realized an average return on investment in less than twelve months, and with an enterprise class MTBF of over nine years you can be assured that your purchase will remain viable for the long-term.
BANDWIDTH DELIVERY APPLIANCE

The UBM500 includes unique features which make it the perfect choice for organizations looking to increase bandwidth and network performance while improving application reliability and lowering costs. The diagrams to the right demonstrate the design of the UBM1G solutions.

Technical Specifications

SYSTEM FEATURES
- MultiCore Route Processor
- Industrial Grade Appliance
- Solid State Platform (no critical moving parts)
- LAN Bypass Architecture

USER INTERFACE
- Simple Web Management
- SSH Console Access
- SNMP / Syslog Monitoring
- Text-Based Configuration
- Custom XML API

CONNECTORS
- Ethernet Interfaces
- 10/100/1000 Support
- Single LAN Interface
- Five WAN Interfaces
- RJ45 Console Port

MULTI-WAN
- Accelibond Link Bonding
- Server/DNS Balancing
- Site2Site Bonding
- Automated Redundancy
- Adaptiband DBM

HARDWARE FEATURES
- Industrial Metal Casing
- Size 17.4” x 16.0” x 1.7”
- 24lbs Shipping Weight
- Four Internal Fans
- DDR3 Memory

POWER REQUIREMENTS
- Internal Full Range Power
- 110W / 220W
- Frequency 50 / 60 Hz
- 12V, 5A Power
- CE / FCC / UL