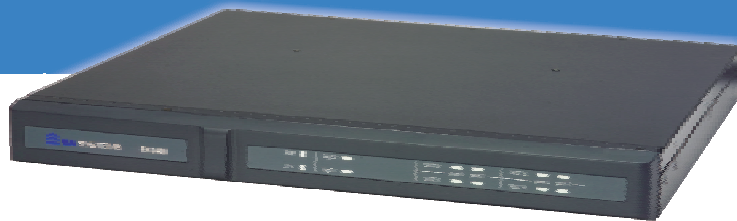


# EN2400

## Enterprise Edge Router




### **Carrier Grade, Reliable, Robust Multi-process Modular Router operating system with inbuilt Firewall, VPN, QoS, IDS, IPS, WEB, URL & Content Filtering**

- *Safe Rollback & Graceful Restart*
- *Industry Standard CLI*
- *Inbuilt Stateful Firewall/VPN/IDS/IPS/QoS*
- *Content Filtering*
- *200 + Kpps performance*
- *Two inbuilt GigE ports*
- *Inbuilt Aux, Console, USB ports*
- *Inbuilt 512 MBRAM and 256 MB Flash Memory*
- *Upto 8 port CE1/FE1/V.35 on a single chassis, Modular Architecture*
- *Link based load sharing and (over E1, DSL and Ethernet)*
- *Minimal Touch Deployment™*
- *Comprehensive NMS Support for Centralized Provisioning and Real-Time Monitoring, Web Based Device Management, offline Configuration Generator Tool*
- *3 Year Warranty*

With the expansion of Enterprise branch offices to multiple locations, exponential rise in the data traffic in the Intranet, and Enterprise business demanding more and more mission-critical business application implementation, there is a need for providing "Carrier Class" robust software and reliable hardware with a centralized real-time WAN management platform as a total solution.

BA Systems addresses this need through EN2400 which provides a truly integrated solution enabling Maximum Uptime at the branch, flexibility in making network design connectivity with options on Ethernet, Serial, ISDN or Fractional T1/E1, DSL, Channelized E1/ T1/ PRI. This integrated platform provides highest price performance ratio enabling lowest cost of ownership. Being compliant with the industry standards, and interoperable with existing networks, the EN2400 is the truly scalable and managed enterprise branch office business gateway.

PLATFORM SPECIFICATION*	
<b>LAN Interface</b>	2 inbuilt 10/100/1000 port
<b>WAN Cards</b>	1, 2 - port fractional E1/T1 1, 2 - port (ISDN /BRI) 1, 2 - port DSL 1, 2 - port V.35 1, 2 - channelized E1/ PRI 1, 2 - port 10/100/1000 Ethernet module
<b>Memory</b>	System memory: 512 MB RAM upgradable to 1 GB Flash Type: Inbuilt USB based Flash Memory Flash Size: 256 MB upgradable to 512 MB
<b>Power Supply</b>	AC: 100-240V, autorange, 50-60Hz, 180W.
<b>Dimensions</b>	1 U (H x W x D): 1.75 x 17.5 x 14 in Weight (fully configured): 10.6 kg approx.
<b>Environmental Requirements</b>	Operating temperature: 0°C to 50°C Non-operating temperature: -40°C to 70°C Operating humidity: 5-90% non condensing



SOFTWARE SPECIFICATION*		
<b>Unicast Routing Features</b> <ul style="list-style-type: none"> <li>• RIPv1 and v2</li> <li>• OSPF v2</li> <li>• BGPv4</li> <li>• Static Routes</li> <li>• Redistribution</li> <li>• MPLS               <ul style="list-style-type: none"> <li>- LDP</li> <li>- L3 VPN</li> </ul> </li> <li>• ISIS</li> </ul>	<b>QoS Features</b> <ul style="list-style-type: none"> <li>• Policing and Shaping</li> <li>• Priority Queuing</li> <li>• Class Based Queuing</li> <li>• Flow Based Queuing</li> <li>• Rate Limiting</li> <li>• WRED</li> <li>• Time-based QoS</li> <li>• Low Latency Queuing</li> </ul>	<b>Encapsulations</b> <ul style="list-style-type: none"> <li>• Ethernet</li> <li>• 802.1Q</li> <li>• PPP/MLPPP</li> <li>• HDLC</li> <li>• Frame Relay</li> <li>• X.25</li> <li>• Async Support</li> <li>• L2 Ethernet Switching</li> </ul>
<b>VPN Features</b> <ul style="list-style-type: none"> <li>• IPSec</li> <li>• DES,3DES,AES,SHA-1,RSA, MD-5</li> <li>• X.509 Certificate Auth. Support</li> <li>• NAT-Traversal</li> <li>• GRE, L2TP, PPTP</li> <li>• SSL VPN</li> </ul>	<b>Security Features</b> <ul style="list-style-type: none"> <li>• ACLs (Standard, Extended)</li> <li>• Time-based ACL support</li> <li>• Stateful Firewall</li> <li>• NAT and PAT</li> <li>• Failover support</li> <li>• AAA Support using RADIUS/TACACS +</li> <li>• IP accounting</li> <li>• ALG support</li> </ul>	<b>Redundancy Features</b> <ul style="list-style-type: none"> <li>• VRRP</li> <li>• Graceful Restart</li> <li>• Redundant Interface</li> <li>• Dual Software Images and Configuration Files</li> <li>• Safe config rollback</li> <li>• NAT failover</li> <li>• VPN failover</li> <li>• Firewall failover</li> </ul>
<b>IP Addressing</b> <ul style="list-style-type: none"> <li>• Static</li> <li>• DHCP Relay</li> <li>• DHCP Client, Server</li> </ul>	<b>Multicast Routing Features</b> <ul style="list-style-type: none"> <li>• IGMP v2 and v3</li> <li>• PIM (SM, DM, SSM)</li> </ul>	<b>Management Features</b> <ul style="list-style-type: none"> <li>• CLI (through console/ telnet/ ssh)</li> <li>• Minimal Touch Deployment™ and configurator tool</li> <li>• GUI for EMS/NMS</li> <li>• SNMP v1, v2, v3</li> <li>• SLA Monitoring</li> <li>• Performance Measurements</li> </ul>
<b>Logging Features</b> <ul style="list-style-type: none"> <li>• Syslog</li> </ul>	<b>Intrusion Detection and Prevention</b> <ul style="list-style-type: none"> <li>• TCP and IP Reassembly</li> <li>• Automatic Signature Updates</li> <li>• Network Attack Detection</li> <li>• Dos/DDos Protection</li> </ul>	
<b>Content Filtering</b> <ul style="list-style-type: none"> <li>• URL Filtering</li> <li>• Keyword Filtering</li> <li>• Domain Filtering</li> </ul>		

\*Platform and Software Specifications subject to change.

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