

VBAND® Router

Velocity's second-generation bandwidth manager offers enterprise-level connectivity and versatility and serves as a gateway, load balancer, and V-CLOUD™ appliance.



Reduce your infrastructure and support costs

The VBAND® G2 Router replaces multiple devices with a single device and simplifies several complex processes through a single router. It offers a versatile network that can be configured as full switching ports or dynamic routing ports. Multiple gigabits ports of connectivity through multiple models can be installed to support your business.

VBAND works with both broadband and fiber connections. Because of its simple structure, it can also reduce your costs. Keeping your business and guests online is easy with our proprietary router. Furthermore, the VBAND router helps you take advantage of one of Velocity's features, V-SELECT®. This client portal helps you manage all IT devices, environments, and projects from one place.

VELOCITY AT A GLANCE



Single Provider Accountability
ONE true partner managing all telecom service and support needs.



24/7/365 NOC + Call Center
U.S - based call center with quick response times and 24/7/365 support.



Field Tech Support
A nationwide network of 5,500 skilled and certified technicians.

Core Networking

- High-speed routing and switching
 - 5.0 up to 1.0 Gbps
 - 6.0 up to 12 Gbps
 - 10.0 up to 10 Gbps
- IPv4 and IPv6
- Bridging (STP/RSTP)
- VRRP
- DHCP Client/Server/Relay
- DNS Cache/Forwarder
- Dynamic Routing
 - BGP
 - OSPF
 - RIP

Traffic Engineering

- QoS
- Port Speed Policing
- Basic IP Hotspots
 - Simple ToS splash page
 - Session limits
 - Per-user bandwidth allocation
- Policy-Based Routing
- Load Balancing
 - Per connection
 - Round robin

Security Mechanisms

- VLANs
- Content Filtering
- Firewall Functionality
 - Filtering (ACLs)
 - NAT and PAT
- Radius Authentication
- VPN Tunneling
 - GRE
 - IP-IP
 - L2TP
 - PPTP
 - SSTP
 - IPSec
- Syslog and Email Alerts

Benefits of the VBAND

- Allows for static, dynamic, and policy-based routing utilizing protocols such as BGP (eBGP & iBGP), RIP, and OSPF
- Employs traffic engineering to minimize network congestion
- Cost-effective broadband circuits in conjunction with wide-band options for diverse and fault-tolerant network topology
- VoIP traffic seamlessly traverses NAT-enabled firewalls
- Monitor and manage IT projects, devices, and environments from the same place with our V-SELECT client portal
- V-CLOUD support with aggregate bandwidth capacity that scales with each model

Frequently Paired Services

- **Managed Network & Data** – Monitors, supports, and troubleshoots your IT environment to keep your business running smoothly
- **V-CLOUD**– State-of-the-art software that leverages multiple connections and network paths
- **Project Management & Implementation** – End-to-end installation, deployment, and integration services for your IT environment
- **On-Site Technicians** – Access to a reliable network of 5,500 skilled IT technicians who can be trained to fix your custom equipment and systems

Questions? Get in Touch!

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