Ventus
wireless

Products
& Services

Experience the most secure and complete
solution for the wireless world.

Wireless for Business

Ventus does Wireless for Business

Ventus Wireless introduces the only comprehensive, end-to-end wireless networking solution, for any industry and any application. We deliver the wireless hardware, engineer a networking solution to meet your business needs, and manage your network, end to end.

ENTERPRISE

Enterprise Wireless WAN

Fully managed wireless solution - high-speed wireless for primary and backup WAN and LAN, server/switch capability, corporate Internet, video surveillance, VoIP, Wi-Fi hotspots, as well as connectivity for a broad array of chain locations, M2M devices, remote monitoring tools, and security applications.

BACKUP

Wireless Backup

A single-box solution for backing up your primary network for business continuity and disaster recovery; Ventus V-Series routers automatically detect failure in your primary fixed-line connection, and seamlessly re-route traffic over a secured, encrypted cellular wireless network.

Machine to Machine

M2M Wireless

Fully managed wireless solution for machine to machine devices - easy site changes, quick rollouts, cost savings, and 24x7 Technical Support. Multi-device connectivity includes self-service kiosks, ATMs, digital signs, security, remote monitoring, vending, and mobile applications.

Fully Managed, Fully Integrated

- End-to-end customer support: pre- and post-sales
- Preconfigured wireless hardware with activated data plans
- Proof of concept/pilot testing
- Optional field services:
    Physical site surveys
    Installation and maintenance
    RF engineering
- Web-based network monitoring and management platform
- 24x7 live technical support: toll-free and US-based

Fixed-Line Support

In addition to wireless connectivity, Ventus offers a variety of fixed-line communication possibilities for any situation. Our network engineers collaborate with you to determine the most suitable and cost-effective options for your business.

- Ethernet
- MPLS
- Broadband (DSL/Cable/Fiber)
- Dial

"Their product is ahead of the competition, the support is excellent, and the solution is definitely cost-effective" - Executive VP, Retail Operations

V-Series Wireless Gateway Routers

Ventus V-Series routers offer 4G LTE networking and unmatched availability for M2M & enterprise applications. The unique capabilities of the V-Series reflect our experience in providing secure and reliable high performance wireless networks. With full scalability, the V-Series is ideal for primary and backup Internet connectivity, Wi-Fi hotspots, kiosks, mobile applications, ATMs, retail/POS, security equipment, utilities, remote monitoring, and more.

M2M Ready - V1000, V2000

4G LTE connectivity and features like GPS tracking in a compact size ideal for M2M applications: self-service kiosks, ATMs, digital signs, security cameras, remote monitoring, vending machines, and mobile applications.

Mid-Tier Enterprise - V4100

Dual embedded wireless 4G LTE gateways, 32GB removable Flash storage, and customizable interface slot, all in a compact size designed to support the mid-tier enterprise for primary and backup WAN and LAN options: Internet connectivity, Wi-Fi hotspots, and temporary locations.

Enterprise Class - V4200, V4500

Developed for large corporate environments and data center applications, these routers offer 1TB onboard storage, multiple interface slots, and rack-mount installation for primary and backup WAN and LAN options, corporate Internet, video surveillance, VoIP, and other bandwidth intensive applications.

Management & Monitoring

Ventus provides centralized management for your entire device portfolio with the Genesis Network Monitoring System. This intuitive, web-based GUI is the window to your network. With real-time monitoring of every connection and device, Genesis offers insightful views, management capabilities, and customized reporting, including:

- Device Status: up/down, device health, event log, asset tracking
- OTA (Over the Air) Updates and Remote Router Reconfiguration
- Administration: ordering, plan changes, trouble tickets
- Troubleshooting and Diagnostics: ping, traceroute, and firewall denials
- Real-time Maintenance Alerts: bandwidth limit, power, network outage
- Monitoring: signal strength, throughput, latency, availability, temperature
- Reporting: installation, bandwidth usage, suspicious usage, wireless metrics

Technical Support

Ventus offers 24x7 Technical Support services with our US-based Technical Support Center. We provide assistance with a variety of services, including:

- Cellular connectivity verification
- Installation coordination and router reconfigurations
- Tiered technical support from installation through lifecycle
- Proactive escalation procedures
- RF engineering
- Signal optimization

Field Services

Ventus offers complete logistical planning, project management, and maintenance support for network installation activities performed by industry-certified technicians. These services include initial RF site surveys, signal mitigation, project oversight through lifecycle monitoring and management, and global rollouts. All field installation activities are fully managed and supported based on your business requirements.

Security

Ventus offers completely redundant, secure connectivity for a variety of applications in any industry. This includes network transport security, as well as unique physical security features built in to our routers.

Network Transport Security
- End-to-end encryption at the network level: IPsec VPN with AES 256
- All traffic encrypted from routers to data centers
- PCI DSS Level 1 Service Provider
- Centralized data encryption management

Physical Security
- Tilt Sensors: detects movement/tampering
- Battery Backup: preserves connection(s) when router loses power
- aGPS: uses cell tower triangulation to track device location
- Power Alerts: activated when router loses power; alerts sent to pre-deteremined recipient list
- Cover Alarm: detects faceplate tampering; automatically sends alert upon detection