Retail Services

4G LTE Wireless Solutions

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

Ventus
wireless

Retail Services

The wireless advantage

Retailers are growing increasingly reliant on their business network to serve customers, meet operational goals, and proactively manage inventory. Today's retail activities require always-on connectivity to support high-speed Internet, VoIP, and dynamic business applications such as Wi-Fi hotspots, digital signage, security systems, and more.
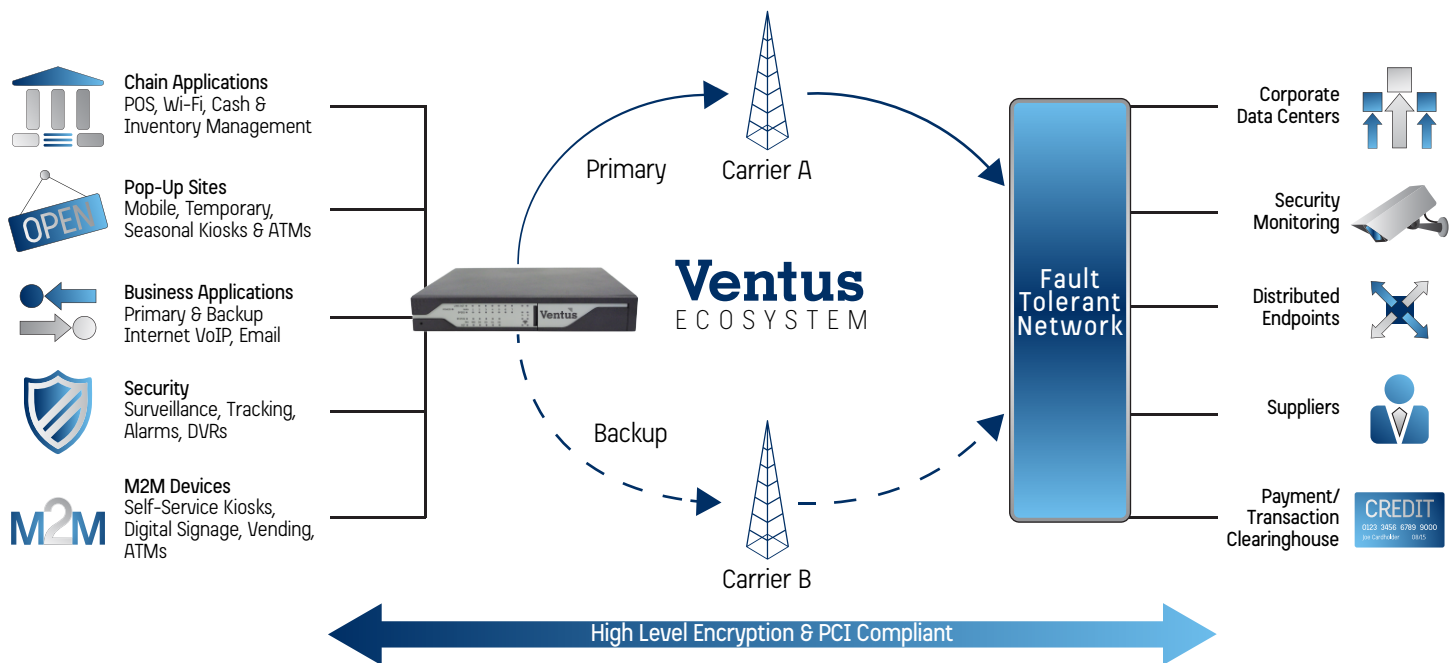
The speed and availability of 4G LTE wireless offers an unprecedented and reliable alternative to yesterday's fixed-line broadband connections. The world's largest retail companies, including big box brands, warehouse supercenters, and leading grocery chains are using wireless technology to streamline operations, backup corporate, branch, and temporary locations, support IP and legacy M2M (machine to machine) devices, and manage a host of security applications.

Wireless. Simplified.

Only Ventus offers a complete, holistic wireless networking solution for the retail industry.
We supply the hardware, engineer the solution, set up the connection, and manage the network.
Ventus takes the complexity out of wireless.

Chain Applications
POS, Wi-Fi, Cash & Inventory Management

Pop-Up Sites
Mobile, Temporary, Seasonal Kiosks & ATMs

Business Applications
Primary & Backup Internet VoIP, Email

Security
Surveillance, Tracking, Alarms, DVRs

M2M Devices
Self-Service Kiosks, Digital Signage, Vending, ATMs

Primary   Carrier A

Ventus
ECOSYSTEM

Backup

Carrier B

Fault Tolerant Network

Corporate Data Centers

Security Monitoring

Distributed Endpoints

Suppliers

Payment/ Transaction Clearinghouse
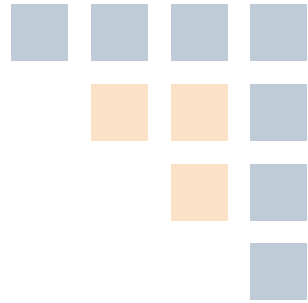
High Level Encryption & PCI Compliant

Fully integrated, fully managed

With Ventus, you get an entire team of highly qualified wireless experts, who collaborate with you to design a solution to meet your needs, provide installation services, and deliver lifecycle support. The V-Series, our scalable family of 4G LTE wireless routers, offer dual embedded wireless modules which intelligently balance two cellular carrier networks, providing you with Best in Class service. Genesis, our web-based network monitoring and management platform, delivers a Graphical User Interface (GUI) designed to empower you and simplify network operations.

Ventus delivers the only fully integrated, fully managed wireless solution:

- Wireless coverage pre-qualifications
- Proof of concept/Pilot testing
- Pre-configured Ventus wireless hardware with activated data plan
- Nationwide field services for installation and maintenance
- 24x7 technical support provides network monitoring, management & live customer service

Any Environment

- Grocery Stores
- Big Box Retailers
- Quick Service Restaurants
- Pharmacies
- Convenience Stores
- Pop-up Sites

Any Application

- **Wireless Point of Sale (POS):** Wireless technology for POS improves transaction speeds, enables POS terminal placement where it is convenient for the customer, reduces cabling costs, and simplifies equipment relocation
- **Primary Wireless:** Private line wireless connectivity for business Internet, Wi-Fi hotspots, VoIP (Voice over IP), inventory systems, and cash management
- **Wireless Backup:** 4G LTE Wireless Backup ensures network uptime and offers faster speeds at a fraction of the cost of fixed-line backup solutions
- **M2M:** Wireless technology for kiosks, digital signs, and ATMs facilitates more convenient terminal placement and accessibility for your customers
- **Pop-up Locations:** Wireless delivers quick-to-market connectivity for mobile, temporary, and seasonal locations, wherever your customers need you
- **Security Applications:** Ventus wireless routers provide an easily concealed, high availability connection for surveillance cameras/DVRs, remote device monitoring, alarm panels, and access control
- **Wi-Fi:** Wireless Internet over 4G LTE allows your business to provide customers with secure, convenient Internet access over a separate wireless channel, protecting your internal network and private data from unauthorized access

Go wireless

- Achieve speed to market: wireless offers instant Internet access, where and when you need it
- Forget about last-mile fixed-line outages, which require time consuming repairs
- Eliminate the costs and delays associated with fixed-line installations and relocations
- Enable connectivity in areas where fixed-line networks are unavailable or costly
- Provide a seamless backup to your existing fixed-line business connection
- Easily change sites: Ventus routers can be readily moved from one location to another

Why Choose Ventus?

Service Level Agreements
Guaranteed network availability SLAs with 4 hr/8 hr/Next Business Day MTTR (Mean Time to Respond)

Genesis Monitoring System
Intuitive, web-based, GUI provides management and monitoring of your entire device portfolio, customizable alerts, and reporting
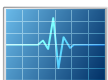
24x7 Technical Support Center
US-based technical support team answers complex network questions and delivers exceptional customer service complemented by tiered escalation procedures
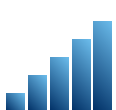
Proactive Network Monitoring
Ventus actively monitors your wireless routers and keeps you informed with customizable maintenance, data plan usage, and availability alerts

Unmatched Coverage
By partnering with Verizon, Sprint, AT&T, and T-Mobile Ventus gives you access to the largest wireless network, nationwide

Certified Solution
Ventus engineers, documents, and certifies your solution to expedite future rollouts

PCI DSS Compliant
As a certified Level 1 PCI DSS solution provider, Ventus encrypts and segregates your data for maximum integrity

Gateway Routing
Securely route any traffic to multiple gateways: inventory management, supply chain, vendors, redundant data centers, corporate network, payment transaction delivery

4G LTE with 3G Fallback
Ventus dual embedded 4G LTE routers are forward and backward compatible with 3G & 2G, ensuring the best available signal

Secured Network
Securely connect multiple locations and devices with VPNs, encrypted private line networks, advanced traffic segmentation, firewalls, and tunneling

Genesis Monitoring System

Genesis provides centralized management of your entire device portfolio. The intuitive, web-based graphical user interface provides management and monitoring of your network connections and V-Series routers.
Insightful views, management capabilities, and customized reporting include:

- 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

V-Series 4G LTE Gateway Routers

Ventus V-Series routers deliver unmatched availability for M2M and enterprise wireless applications. This scalable series of routers offers a model for every wireless application, with dual embedded wireless 4G LTE gateways, optional GPS, up to 1TB onboard storage, tilt sensors, and customizable interface expansion slots to meet any business requirements. The V-Series are ideal for primary and backup WAN and LAN options such as Internet connectivity, Wi-Fi hotspots, kiosks, mobile applications, video surveillance, VoIP, ATMs, retail/POS, security equipment, utilities, remote monitoring, and more.

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