



Hosted AirLink

Your M2M Solution

iTel's Hosted AirLink mobile data management platform is the ideal solution for wireless mobile computing and M2M solutions. Hosted AirLink is a customizable communications platform for mission critical applications that simplifies the management of your complex interlinking and communications systems.

COMPREHENSIVE SOFTWARE

With a broad suite of software to enable configuration and remote management, the Hosted AirLink platform simplifies complex mobile and M2M deployments.

HOSTED PLATFORM ADVANTAGE

iTel's hosted platform simplifies installation, operation and maintenance of any wireless data solution by providing a broad set of foundational functionalities (e.g. session persistence, secure OTA updates, remote management, and diagnostics) as well as many built-in application services. This makes Hosted AirLink devices highly configurable and ideal for a wide set of customers.

CUSTOMIZABLE APPLICATIONS

iTel can develop and deploy embedded programs and applications to meet your specific requirements.

HOSTED AIRLINK DEVICE MANAGEMENT

iTel's hosted platform facilitates comprehensive remote configuration and troubleshooting capabilities. All platform powered Hosted AirLink devices feature OTA configuration through the Hosted AirLink device management tools. Hosted AirLink Management allows customers to remotely update firmware, check device status, schedule commands and much more, for one device or thousands.

- Simple Out-of-the-Box Experience
- Comprehensive Device Configuration
- Hosted Remote Management
- Remote Diagnostics and Troubleshooting

RELIABLE COMMUNICATIONS FOR KEY MARKET SEGMENTS

ENERGY

Oil and Gas, Water, Electric, Renewable

Utility providers manage remote assets deployed throughout expansive geographic areas that increasingly require robust, rugged and secure, two-way communications to more efficiently manage generation and distribution. Hosted AirLink devices enable energy providers to remotely monitor and facilitate mission critical applications such as transmission and distribution monitoring, control and management as well as advanced metering and demand/response solutions.

INFRASTRUCTURE AND SECURITY

Surveillance, Disaster Recovery, Intelligent Transportation, Remote Monitoring

Safety, security and reliability are important factors for all networked infrastructure systems. Hosted AirLink uses rugged, intelligent wireless gateways and routers to enable secure, always-on and always-aware data exchange between control centres and their remote devices. Capabilities include persistent monitoring of critical remote assets and systems, alarm triggered video surveillance, real-time traffic measurement, and control and contaminant screening.

TRANSACTIONS

Point-of-Sale, ATM, Vending, Kiosk, Digital Signage

The dynamic nature of today's retail centres and banks have put increasing pressure on organizations to reduce down-time, manage operating costs and improve customer service. To meet new customer demands and remain operationally efficient, many retailers and financial institutions are turning to public wireless networks for reliable, secure and flexible IP services. With a robust feature set, including broadband data transfer, IP security, persistent two-way communications and remote management capabilities, Hosted AirLink intelligent wireless gateways and routers provide a powerful boost to sales and payment applications. Security protocols and secure device login, enable Hosted AirLink devices to ensure a PCI compliant solution.

BUSINESS CONTINUITY

Primary and Backup, Wireless Connectivity

The perfect solution for a primary or redundant connection to any network device over broadband cellular data networks, Hosted AirLink cellular gateways and routers are interoperable with standard networking infrastructure equipment without the need for special cabling or equipment. Intelligent failover and embedded security protocols enable customers to significantly enhance the reliability and security of their critical communications network.

FLEET MANAGEMENT AND TRACKING

Public Safety, Field Service, Mobile Resource Management, Mobile Hot Spot

To be competitive and efficient, businesses are demanding real-time broadband communications for their mobile workforce. Hosted AirLink robust mobile platforms provide reliable, consistent wireless connectivity enabling secure two-way data communications over ubiquitous wireless networks for a broad set of public safety and enterprise applications. Our communications platforms also provide GPS tracking and vehicle sensor information to monitor, control and manage your fleet in real-time.

PLATFORM APPLICATION SERVICES EXAMPLES

INDUSTRIAL M2M ENTERPRISE TRANSPORTATION

Energy

- Configurable Serial Protocol Support
- IP Filtering/Friends List
- PAD Modes
- Enhanced pipeline system reliability and integrity
- Optimized gas deliverables
- More efficient utilization of existing capacity
- Telemetry and SCADA to remote equipment

Infrastructure and Security

- ModBus, DNP3, BSAP, DF1, etc.
- Events Reporting (Alarms/Sensors)
- Port Forwarding, Port Filtering NAT-T
- IPsec VPN

ENTERPRISE

Business Continuity

- VRRP, WAN Failover
- Security: IPsec VPN, GRE, Multiple VLANs, WPA2 Enterprise, IP Filtering

Transactions

- Security: IPsec VPN, WPA2 Enterprise
- Routing
- PCI Compliance
- Firewall

TRANSPORTATION

Fleet Management

- Multiple GPS Report Types: TAIP, NEMA, RAP, CSV, User Defined
- Events Reporting
- Security - VPN, WPA2 ENT, SSH

Tracking

- Multiple GPS Engines (4+2)
- Low Power Mode
- Store and Forward

ABOUT US

iTel provides IT and communications services to businesses, institutions, government and carriers throughout North America.

Our carrier network is one of the largest in Canada, multi-homed in geographically diverse data centres across the country. It was built from the ground up to deliver IP and network solutions at the fastest speeds available. Our extensive fiber and datacentre assets will connect your businesses with the latest in voice, data, and networking services.

