

**COVERAGE. QUALITY. RELIABILITY.**

# **Wholesale Machine To Machine (M2M) Solutions**



**Offering M2M Innovation on  
America's Largest 3G Network.**



## Machine to Machine (M2M) Solutions

Verizon Wireless Wholesale M2M solutions support some of the largest telematic OEMs in the world. Today, Verizon Wireless supports more than 7 million M2M devices on the nation's largest 3G network and provides unparalleled nationwide coverage with our customized domestic and international roaming agreements. With our high speed packet backbone and your M2M technology, wireless communication between remote machines can be a secure, cost-effective and low maintenance business model for your company.

And when you back your program with Verizon Wireless quality, you will be on America's best, most reliable wireless network. Operating on Code Division Multiple Access (CDMA) technology, ours is a network designed for and around data, and we pursue a never-ending commitment to be the best wireless network in the U.S. and to develop next-generation products and services.

In today's competitive environment, Verizon Wireless offers high-tech, low-touch solutions for these vertical markets and more:

- Asset Tracking
- Industrial
- Transportation
- Financial Services
- Security
- Utilities
- Healthcare
- Vending

Our solution allows you to improve profitability by enabling you to effectively communicate with your remote devices on either a large scale or much smaller application. Realize operational efficiencies, reduced cost and premium network reliability with Verizon Wireless M2M Solutions.

To help you succeed in a highly competitive environment, we provide the support you need for operations, administration and communications:

- Dedicated account managers with hands-on experience
- Flexible pricing that can be tailored to your unique needs
- Responsive, expert technical support
- Simplified online account management
- Redundant network capabilities in case of emergency

**Coverage. Quality. Reliability.** It's who we are and what we deliver. With Verizon Wireless M2M Solutions, you receive the products, services and network you need to focus on what's most important – growing your business. Welcome to opportunity and welcome to Verizon Wireless.

## Product Solutions

**High-speed Packet Data:** Support your IP packet data with our CDMA networks. Most CDMA devices already have built-in TCP/IP and PPP protocols.

**EVDO Rev A:** A high speed wireless network covering more than 258 major metropolitan areas and offering the following benefits:

- Download Speeds: 600 Kbps – 1.4 Mbps
- Upload Speeds: 500 – 800 Kbps
- Low Latency
- Greater Security than WiFi

**1XRTT:** Typical data speeds of 60 – 80 Kbps with authentication and data protection provided by the Verizon Wireless CDMA digital network

- **Static and Dynamic IP:** Select the addressing solution that best suits your need to ensure continuous network connectivity and secure firewall access.
- **Private Network Option:** You can provide a robust, secure networking solution by isolating your company's data traffic from general subscribers.
- **Voice:** Use our award-winning voice network for mobile terminated calls or to perform data tracking (for example, latitude and longitude).

We also offer back-office solutions for M2M environments, including:

- Fraud detection tools
- Factory activations
- Near Real Time data records
- APIs
- Telephone Number Inventory Management
- Custom Preferred Roaming Lists
- Account set up and integration

## IT'S THE NETWORK



**Advanced technology:** CDMA technology was designed for optimal performance for both voice and data traffic. We are continually developing next-generation products and services that leverage CDMA technology's highly optimized and standardized wireless systems.

**Reliability:** Since its formation in 2000, Verizon Wireless has invested billions to maintain and expand its high quality wireless network. As a result, Verizon Wireless offers America's most reliable wireless voice and EVDO networks.

**Security:** The Verizon Wireless network offers the security advantages of CDMA technology and supports most virtual private network (VPN) solutions for critical business communication.

**Redundancy:** The Verizon Wireless network is built for reliability in emergencies, with battery back-up power at all facilities. For additional reliability, generators are installed at all switching facilities and at many cell site locations. In addition, during extended power outages, Verizon Wireless can quickly deploy a fleet of portable generators to cell sites without permanent generators.

**Speed:** The Verizon Wireless EVDO Rev. A network offers users download speeds of 600 Kbps to 1.4 Mbps, with upload speeds of 500 to 800 Kbps.

## Seamless M2M Coverage



Verizon Wireless Wholesale offers the only seamless North American data/voice service for M2M applications. We provide a low risk access service for all your mobile and fixed devices using Automatic Roaming and Advanced Intelligent Network (AIN) features. Verizon Wireless created this product by entering into specialized roaming agreements for wireless service that support over 7 million devices today.

Our M2M service was originally established for automotive OEMs to enable them to provide reliability, security and mobility for "safety and security" features, including the ability to automatically call for help when airbags are deployed, track vehicles and assets during an emergency, remotely unlock doors, etc. Knowing that the device will work everywhere there is cellular service is a significant part of our program.

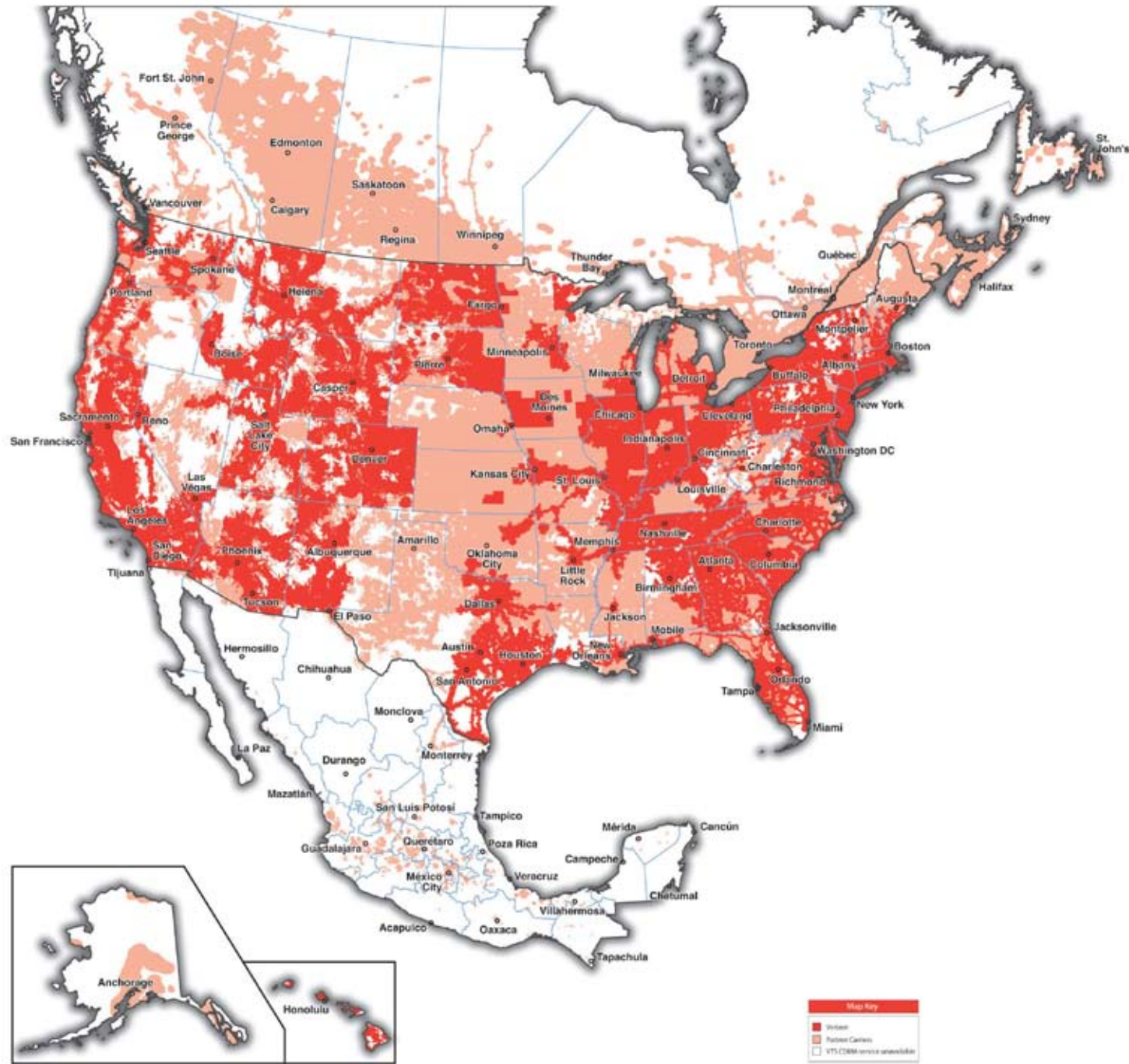
### Key Advantages:

- One single point of contact providing network coverage in Canada, the U.S. and Mexico
- Support of multi-function technologies: EVDO, 1XRTT, SMS and voice
- Rapid resolution of operational issues
- Longstanding, firmly established business relationships with multiple carriers



For more information about our products, services and pricing, contact us at 800.377.4250 or visit [verizonwireless.com/wholesale](http://verizonwireless.com/wholesale)

# Coverage



## Important Map Information:

This map is not a guarantee of coverage and contains areas with no service, and is a general prediction of where rates and coverage apply. The coverage information contained in this document is provided 'as is' and without any warranty or representation, either express or implied, including warranties of merchantability or fitness for a particular use or purpose. The coverage information was compiled from various sources. The information provided herein may be subject to errors and omissions. The information is based on assumptions and predictions that are not binding and may change from time to time without notice.

Wireless service is subject to network and transmission limitations, including cell site unavailability, particularly near boundaries and in remote areas. End User's equipment, weather, topography and other environmental considerations also affect service and such service may vary significantly within buildings, or dependent upon the location of End User's equipment. With digital-only equipment the end user can only make and receive calls and/or transmit data when digital service is available. When digital service is not available, the device will not make and receive calls and/or transmit data or be able to make 911 calls.

For more information about our products, services and pricing, contact us at 800.377.4250 or visit [verizonwireless.com/wholesale](http://verizonwireless.com/wholesale)