Asiatelco Technologies Co., is a leading supplier of Wireless Access Devices. Based in Shanghai, China, Asiatelco specializes in the Design, Development and Manufacture of Devices and Components to solve the Last Mile Access Problem.

Asiatelco, Passion for Innovation

Last Mile Access Solutions

Hugo Hiraoka
VP Sales & Marketing
hhiraoka@asiatelco.com

M2M Communications Solutions
CDMA450 M2M Online Meeting
Asiatelco CDMA wireless products provide seamless solutions for M2M applications.
CDMA2000 offers a perfect environment for the development of M2M applications:

- Reliable
- Ubiquitous
- Affordable
- Offers High Data Rates
- GPS built-in
- Secure

Add 450 Spectrum to the equation:

- Robust
  - Outstanding Performance
  - Unbeatable Propagation characteristics
  - Better indoor penetration
  - Excellent SNR
  - Economical
  - Lowest CapEx and OpEx*

If EV-DO is added:

Broadband Access allows Unimaginable M2M applications and services become possible that extend far beyond monitoring, control, telematics, telemetry, maintenance and process automation.

*When compared to higher frequencies

CDMA 450 single cell coverage area is 3 to 12 times larger than 800 and 1900MHz

Typical M2M Applications

- AMR - Automatic Meter Reading
- Remote Sensing
- Telemedicine
- Advertisement
- Control and Logistics of Fleets
- Control of Pipes, Ducts & Mining
- Control of Industrial Machinery
- Home & Building Automation & Control
- Banking
- Energy Management
- Smart Grids
- Cellular M2M (MMO)
- Law Enforcement & Public Safety
- Video-on-Demand
- Inventory Control, etc.
M2M Sample Applications

Wireless modules can be used in many M2M applications

Atel modules are:

- Applications are easy, quick and inexpensive to implement
- Cheapest in the market to deploy as an end-product
- Sturdy and used in many diverse applications
- Programmer has flexibility between script language, Linux or Android. Knowledge of Java is most useful for the Android platform.
• Atel Product Solutions

Data Transfer Unit
Programmable, GPS ready can support multiple applications including remote monitoring, electronic locks, etc.

Convergence of Voice + M2M
Fixed Wireless Phone Tariff Machine that Embeds the Software Application and communicates via SMS to update rate tables

Data Modem
Fixed Wireless Modem with or without antenna diversity to use in M2M applications.

M2M Product Solutions
Data Transfer Unit
Data Evolution
EV-DO Diversity Antenna Data, SMS
POS Point of Sales Wireless Terminal

Security Camera
Motion Detector MMS SMS command control Real Time Audio

Inspired by Innovation
M2M Communications Solutions CDMA450 M2M Online Meeting
Atel Product Solutions

CDMA FWP can support Data for M2M Solutions

EV-DO USB Dongles

EV-DO FWP

EV-DO Modem

LTE Modem / LTE Dongle

2009 | 2010 | 2011

CDMA

EV-DO

EV-DO Android

Android LTE

Modules

✓ M2M Applications thrive in CDMA2000.
✓ CDMA2000 Offers a perfect Environment to deploy M2M Solutions.
✓ CDMA450 is ideal to support M2M and data applications.

Gracias! Thank You! Muito Obrigado! Merci!

M2M Communications Solutions
CDMA450 M2M Online Meeting

Inspired by Innovation