

Simple Com Tools

Simplified Data Collection and Alarm Appliance

As Machine-to-Machine applications become more wide-spread, the enabling technologies are being introduced to a far more mainstream audience. For many companies, however, the traditional SCADA and telemetry solutions are either too complicated or expensive to deploy. Simple Com Tools provides an answer with products that simplify the capture and integration of machine data. When used in conjunction with Multi-Tech's line of dial-up and wireless modems, the combination provides customers with a very powerful and low-cost M2M solution.

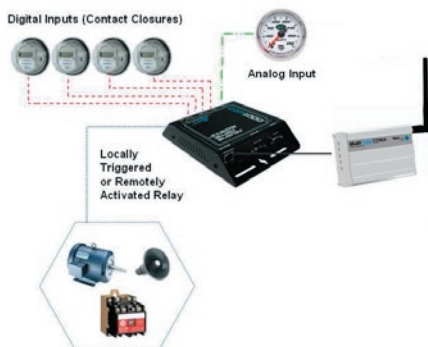
The Simple Com Tools COM1000 industrial Internet appliance provides users with a single device that can be seamlessly integrated into LAN, WAN, and wireless projects. Its embedded applications provide a quick and easy means of connecting serial devices to IP networks via a Multi-Tech dial-up or wireless modems. This unique blend of serial and IP communications, I/O and embedded applications combine to help simplify application integration and eliminate many of today's machine-to-machine deployment challenges.

"The power of partnering with Multi-Tech is that our customers would have a one-stop provider for all of their modem communications needs, including modems for POTS/PSTN, GSM, GPRS, EDGE, and CDMA," explains Brian McKeon, VP of Marketing and Business Development for Simple Com Tools.

"With COM1000's ability to provide legacy device connectivity, and Multi-Tech's breadth of connectivity choices, the joint solution is a perfect fit for a variety of fixed and mobile data applications."

Designed to simplify remote communications and data collection, the COM1000 comes well equipped with over 150 applications. It is ideal for those seeking to obtain simplified alerts on items such as digital inputs, meter counts, temperature level, water levels, and other events. And, unlike some M2M hardware offerings, the COM1000 is not a development platform; there's no SDK to buy, no scripting language to learn or apps to compile. Simply connect your sensor or serial device, choose your Multi-Tech modem, select an application, and you're ready to deploy.

Capture digital inputs, count pulses, monitor analog sensors, or control external devices all using any Multi-Tech modem.



RS-232 and RS-485 device ports enable access to legacy serial equipment via applications using either TCP or UDP.

Multi-Tech Modems and Simple Com Tools

Solution Benefits:

- Powerful, low-cost M2M solution
- Legacy device connectivity over dial-up or wireless networks
- Seamless connectivity



Digital Input Capture – The COM1000 monitors digital inputs and transmits any state changes to the host DA system or to remote users via the MultiModem wireless modems.

Meter Pulse Capture – The COM1000 counts the digital pulses from up to (4) meters and transmits the counts on regular intervals via the MultiModem wireless modems.

Analog Sensor Capture – The COM1000 monitors sensor output and transmits the values to a host DA system or remote users via the MultiModem wireless modems.

Dual Serial Device Servers – The COM1000 supports RS-232 and 485 device servers connecting multiple legacy devices to cellular networks can be done via the MultiModem wireless modems.

Redundant Remote Device Connectivity – The MultiModem wireless modems provide a redundant wireless remote device connection if the WAN network were to go down.

Dial Backup Remote Device Connectivity – The MultiModem ZDX dial-up modem provides land-line dial backup if the wireless network were to go down.

Multi-Tech MultiModem ZDX

The MultiModem ZDX is ideal for the mainstream PC-user offering V.90/56K downloading speeds, Class 1 and Class 2 fax commands, U.S. Caller ID reporting, Plug and Play operation and V.80 video conferencing support. The voice model supports AT#V/TAM compatible voice mail and full-duplex speakerphone as well as DTMF tone.

MultiModem ZDX Features:

- V.90/56K downloads (on 56K models connected to V.90 servers) or V.34/33.6K on 33.6K models with speeds up to 33.6K for uploads or peer-to-peer transfers
- Class 1 (56K models) and Class 2 faxing at 14.4K
- Voice mail support and full-duplex speaker phone operation on voice models
- Dial-up phone line connectivity for asynchronous equipment
- Small footprint and stackable design
- Ten-year warranty

Model No.	Description
MT5600ZDX	V.90 data/fax modem

Multi-Tech MultiModem EDGE, MultiModem GPRS, and MultiModem CDMA

Multi-Tech has leveraged its many years of experience in modem technology to introduce its next generation of modems. The new wireless modems utilize standards-based EDGE, GPRS or CDMA technologies to provide wireless data communication over worldwide cellular networks. They are designed in a rugged industrial chassis and are available with a broad range of interface options including RS-232, USB, and Ethernet to cover all of your application needs.

Wireless Modem Features:

- EDGE, GPRS, and CDMA cellular wireless
- RS-232, USB, Bluetooth, and Ethernet interfaces
- 12-channel GPS functionality
- Carrier approved
- 2-year warranty

Model No.	Description
MTCBA-E	Quad-band EDGE modem
MTCBA-G	Dual-band GPRS modem
MTCBA-C	CDMA2000 1xRTT modem

Simple Com Tools COM1000

The COM1000 provides a unique blend of serial and IP communications, I/O, and embedded applications. With the ability to capture, store, transport, and alarm on serial data, digital and analog input events over IP networks, the COM1000 is the industry's most simplified data collection and alarm appliance.

COM1000 Features:

- (4) Digital Inputs
- (1) Analog Input
- (1) Relay Output
- Ethernet, RS232, RS485 ports
- Supports CDMA, GPRS, & more
- Support for private radio
- Supports HTTP, TCP, UDP, PPP
- RS232 & RS485 device servers
- SMTP, FTP, and SMS clients
- Custom firmware for ASPs



About Simple Com Tools

Simple Com Tools provides software tools and hardware appliances that access and distribute remote asset logic across the M2M, Security, and Telematics value chains. Simple Com Tools products are designed for network integrators and application service providers who need real-world solutions for machine-to-machine communications, telemetry and remote data collection, wireless connectivity, access control, and asset management.



For more information contact Simple Com Tools directly at: 877-728-4728 www.simplecomtools.com

About Multi-Tech

Multi-Tech Systems is an ISO 9001:2000 certified global manufacturer of award-winning telephony, Internet, remote access, and device networking products that connect voice and data over IP networks. With a long history inventing products known for their reliability and performance, Multi-Tech still employs the same mission from which the company was founded: to provide quality solutions that solve real business problems.