

## Enabling your M2M (machine-to-machine) innovation is both effortless and cost-effective with Multi-Tech Systems' award-winning cellular and analog modems.

### Quick-to-Market & Cost Effective

Multi-Tech offers complete, ready-to-integrate cellular modems that carry global certifications, so you do not need to worry about obtaining your own approvals associated with communications technology. This saves significant time and expense, and allows you to bring solutions to market much quicker and get an edge on the competition.

## Embedded Device Networking Products for M2M Applications

### Embedded Intelligent Cellular Modems

#### SocketModem® iCell

The SocketModem® iCell intelligent cellular modem is a complete, ready-to-integrate communications device that offers standards-based quad-band GSM/GPRS Class 10 performance and a dedicated Global Positioning System receiver in GPS models, providing both M2M data communication and location capability for asset tracking and fleet logistics applications. This quick-to-market communications device allows developers to add cellular communication to products with a minimum of development time and expense. The intelligence of the embedded Universal IP™ stack allows for automatic/persistent connectivity for mission-critical applications and enhanced M2M functionality. It's based on industry-standard open interfaces and utilizes Multi-Tech's Universal Socket design.



### Embedded Cellular Modems

#### SocketModem® Cell

The SocketModem® Cell cellular modem is a complete, ready-to-integrate communications device that offers standards-based quad-band GSM/GPRS Class 10 performance. This quick-to-market communications device allows developers to add cellular communication to products with a minimum of development time and expense. The SocketModem Cell cellular modem is based on industry-standard open interfaces and utilizes Multi-Tech's Universal Socket design.

#### SocketModem® HSDPA, SocketModem® EDGE, and SocketModem® CDMA

These cellular modems are complete, ready-to-integrate communications devices that offer standards-based tri-band UMTS/HSDPA, EDGE (E-GPRS) Class 12 and CDMA 2000 1xRTT performance respectively. These quick-to-market devices allow developers to add cellular communication to products with a minimum of development time and expense.



### Embedded Modems

#### SocketModem® and SocketModem® IP

The SocketModem® embedded modem includes the controller, data pump and data access arrangement (DAA) in one device. With connect rates from 300 bps to V.92/56K, it is ideal for applications that periodically need to send and receive data over a standard telephone line. The SocketModem IP embedded modem integrates a complete data/fax modem solution and Universal IP™ stack into one device.



### Protect Your Investment with Multi-Tech's Universal Features

Multi-Tech's embedded cellular modems offer Universal Socket design with a standard pin-out, providing cellular, Ethernet, PSTN or Wi-Fi® access via interchangeable communications devices. This assures a seamless migration to future networks. Multi-Tech's Universal IP™ allows developers to write a host application only once, while having the freedom to select from a growing number of communications devices and use the latest 2G and 3G technologies.

### Embedded Device Servers

#### SocketEthernet IP®

The SocketEthernet IP® embedded device server connects serial devices to an IP network. It is ideal for remote monitoring, control, maintenance and configuration of any system. It integrates a complete TCP/IP stack and a serial-to-Ethernet interface into a single Universal Socket design.



#### SocketWireless® Wi-Fi®

The SocketWireless® Wi-Fi® device server connects serial devices to an IP network via 802.11b/g wireless networking. It enables you to build wireless networking into virtually any device allowing for remote monitoring, control and configuration. This space efficient communications device integrates Multi-Tech's Universal IP™ stack for enhanced M2M functionality, making it a complete wireless connectivity solution that includes the network processor, media access controller and air interface.



#### SocketWireless® Bluetooth®

The SocketWireless® Bluetooth® device server utilizes Bluetooth technology to provide a secure, standards-based wireless connection between a host and peripheral device. Providing wireless data transfer up to 100 meters, it completely eliminates the need for serial cable connections.



### Other Embedded Solutions

#### RJModem™

The RJModem™ embedded modem is the most compact, integrated modem solution that includes the controller, data pump and DAA in a unique RJ-11 form factor. With minimal engineering effort, it instantly adds global communication capabilities to any product design.



#### MMCModem™ GPRS and MMCModem™ CDMA

The MMCModem™ GPRS and MMCModem™ CDMA embedded cellular modems include the controller, RF transceiver, SIM socket (GSM), and antenna connector packaged in a compact, rugged industrial chassis. These quick-to-market solutions are based on industry-standard open interfaces and can be board-to-board or board-to-cable mounted.



### Developer's Guide and Kit

The Universal Socket Developer's Guide assists you in evaluating the family of embedded connectivity solutions as you consider the different options for current, as well as, future requirements of your product strategy. Multi-Tech's Developer's Kit allows you to plug in the communications device and use it for testing, programming and evaluation. The kit includes one development board with connectors, cables, universal power supply and Developer's Guide CD.