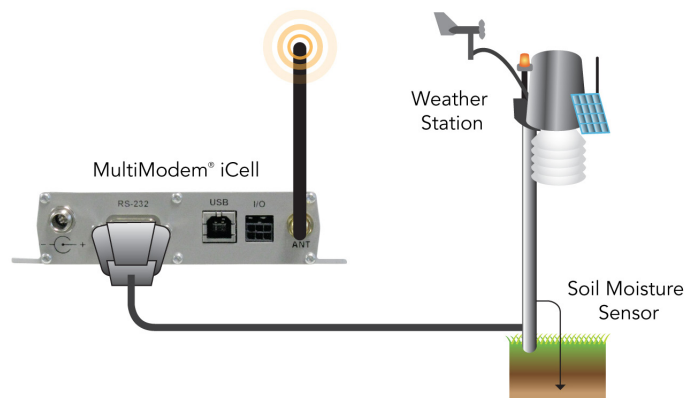


## Enhance M2M Connectivity with a Multi-Tech Intelligent Cellular Modem

### The Customer's Need

Companies need an efficient way to see what is happening with their remote assets without physically being there. And they need to react when - or even before - an event happens. Machine-to-machine (M2M) communication enabled by intelligent cellular modems provides a cost-effective means to monitor assets. It also makes sure resources are allocated only to places where they need to be - providing additional cost-savings and valuable insight. More and more companies need to remotely access data and they are looking for a modem solution that is both reliable and persistent.



### Application 1:

In agriculture, irrigation systems are used to maximize crops. Due to the regulations and cost associated with irrigation, farmers have implemented systems to monitor and regulate the water flow. It is important to enable a persistent cellular connection from the flow meter to allow for the data to be analyzed and appropriate action to be taken in real time. This information enables the farmers to maximize their yields, minimize their expenses and comply with regulations.

### Application 2:

In a trauma center every minute counts. Receiving the patient's medical data from the emergency response vehicle via cellular technology will help medical professionals prepare to treat each patient according to his or her unique condition. Access to this information prior to arrival greatly improves the patient's chances for survival.

### Application 3:

Restaurant owners suffer significant monetary loss each year as a result of food spoilage. The industry is actively taking steps to reduce and correct this issue. An intelligent cellular modem can trigger alarms via e-mail to indicate if the temperature of a refrigeration unit has fallen into an unacceptable range. Maintenance professionals receiving these notifications can be dispatched to fix the unit before there are significant losses.

### Application 4:

Smart grids are utilized to upgrade and automate the distribution and transmission of electricity. They use robust two-way communications, advanced sensors, and distributed computing technology to improve the efficiency, reliability and safety of power delivery and use. An intelligent cellular modem aids in communicating sensor information to adjust power levels if an alarm is triggered showing that demand for electricity is rising.

## Multi-Tech's Solution

The MultiModem® iCell intelligent cellular modems are ready-to-deploy, standalone modems that provide 2G and 3G, GSM and CDMA wireless data communication and integrate seamlessly with virtually any application. The intelligence of the embedded Universal IP stack allows for automatic/persistent connectivity for mission-critical applications and enhanced M2M (machine-to-machine) functionality. For applications such as asset tracking and fleet management, models with a dedicated GPS receiver are available. The MultiModem iCell intelligent cellular modems are based on industry-standard open interfaces and can be desktop or panel mounted.



## Ordering Information

Product	Description	Region
MTCMR-H4	Intelligent HSPA Modem	Global
MTCMR-EV2	Intelligent EV-DO Modem	US
MTCMR-E1	Intelligent EDGE Modem	Global
MTCMR-C1	Intelligent CDMA Modem	US

## About Multi-Tech Systems

Multi-Tech Systems offers the industry's most comprehensive M2M (machine-to-machine) communications products and services portfolio available today. As a leader in the industry for more than 40 years, Multi-Tech's reputation for reliability and innovative design is evident with 80+ patents, 20+ million devices being used by thousands of customers worldwide and certifications from more than 30 carriers and over 80 countries. Multi-Tech is certified by the WBENC as a Women's Business Enterprise and by C-TPAT (Customs–Trade Partnership Against Terrorism).

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