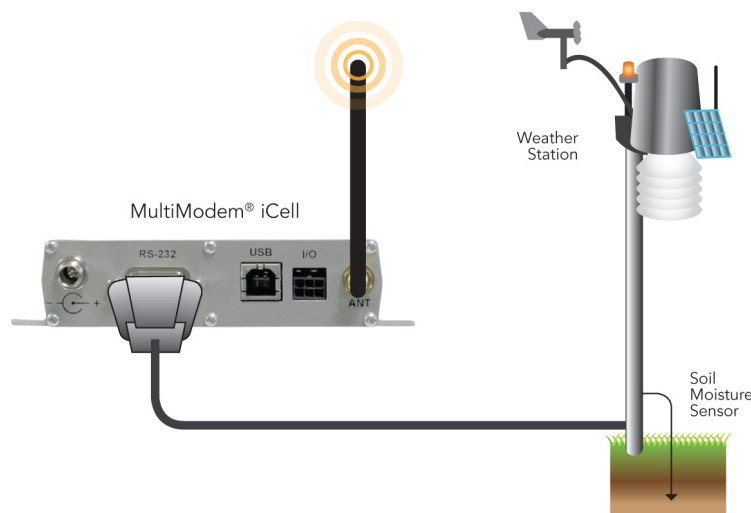


Persistent Connectivity with Multi-Tech's Intelligent Cellular Modems

The Customer's Need

With more and more companies using remote monitoring for mission critical data, the need for reliable, persistent connectivity is of the utmost importance. Companies need to be confident that the data that is transmitting will get to its destination intact, even over a cellular connection.



Application 1:

In a trauma center every minute counts. Receiving the patient's medical data in advance from the emergency response vehicle via cellular technology will help trauma professionals prepare to treat each patient according to their unique condition, saving critical time. Every minute saved enhances the patient's chances for survival.

Application 2:

Companies are becoming more aware of the need to protect and remotely monitor their assets. If the assets are mobile such as trailers, rail cars or vehicles it is critical to know the location and condition of the goods 24/7. Many mobile data terminals will allow companies to monitor these conditions through a connection to the Internet via cellular technology. Sometimes cellular connectivity can be in jeopardy when switching between towers and in rural areas. By keeping these devices persistently connected, the data streams will remain intact and provide uninterrupted location and goods information 24/7.

Application 3:

In agricultural farming, many regions use irrigation systems to maximize crops. Due to the regulations and cost associated with irrigation, the land owners 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 land owners to maximize their yield, minimize their expense and comply with sometimes strict regulations.

Multi-Tech's Solution

Multi-Tech's MultiModem® iCell intelligent cellular modem is ideal for data-intensive, mission critical applications. The intelligence derives from Multi-Tech's Universal IP™ for enhanced M2M connectivity. This Universal IP stack provides developers a common programming interface effectively future proofing their application as new cellular technologies are introduced. Some of the benefits of Universal IP are automatic and persistent connectivity, ping keep alive, TCP keep alive, wake-up on ring, device monitoring, and event monitoring and reporting. The automatic and persistent connectivity features ensure that a connection is always made, and if the cell connection is lost, the modem automatically reconnects and continues the data transmission in a way that the monitor of the data may not even notice a disruption. With the ping and TCP keep alive functions of Universal IP, the modem can create activity, resulting in fewer disconnects due to no activity. All of these features working together ensure that your applications work smarter.



Ordering Information

Product	Description	Region
MTCMR-H	Intelligent HSDPA Modem	Global
MTCMR-E	Intelligent EDGE Modem	Global
MTCMR-G-F4	Intelligent GPRS Modem	Global

About Multi-Tech Systems

Multi-Tech Systems, Inc., is a global manufacturer of award-winning external and embedded modems and Unified Communications products that connect data over cellular and analog networks from anywhere in the world. As a leader in the industry for 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 20 carriers and over 80 countries. Multi-Tech is certified by the WBENC as a Women's Business enterprise, and by C-TPAT (Custom Services Trade Partnership Against Terrorism).

World Headquarters

Multi-Tech Systems, Inc.
2205 Woodale Drive
Mounds View, MN 55112
U.S.A.

Tel: (763) 785-3500
Toll-Free: (800) 328-9717
E-mail: sales@multitech.com
www.multitech.com

EMEA Headquarters

Multi-Tech Systems (EMEA)
Unit 1, Thames Court
2 Richfield Avenue
Reading, Berkshire RG1 8EQ
United Kingdom

Tel: +(44) 118 959 7774
E-mail: sales@multitech.co.uk

EMEA Sales Office

Multi-Tech Systems (EMEA)
Le Dôme
1 Rue de la Haye – BP 12910
95731 Roissy CDG Cedex
France

Tel: +(33) 1 49 19 22 06
E-mail: sales@multitech.fr