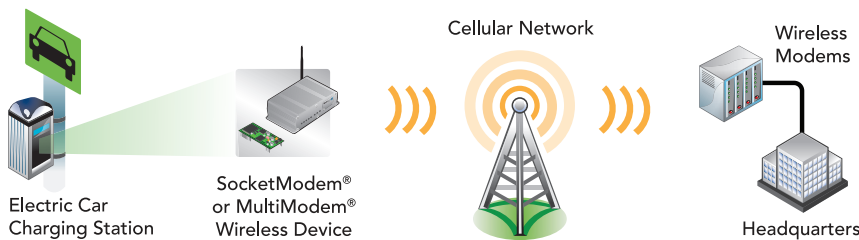**Multi**Tech®
Systems

Multi-Tech Enables Electric Vehicle Charging Stations from Coulomb Technologies

MultiModem CDMA Cellular Wireless Modems Provide Station Communications

Electric Car Charging Station — SocketModem® or MultiModem® Wireless Device — Cellular Network — Wireless Modems — Headquarters

Climate change, security issues of importing oil and lack of control over the price of petroleum-based fuels have united to set the automotive industry on a course to produce plug-in electric vehicles (PHEVs) of all types. Broad adoption, however, might be limited due to the difficulty in accessing safe, secure, reliable and available locations in which to recharge your vehicle. Coulomb Technologies has the solution with its ChargePoint™ Network which is comprised of Smartlet™ Networked Charging Stations deployed quickly wherever electric utilities are present, to provide convenient, affordable and safe access to public charging.

Coulomb Technologies is using the MultiModem® CDMA cellular wireless modem as part of its ChargePoint Network; the first networked charging stations available for plug-in vehicles. Each local group of Smartlet Networked Charging Stations connect to each other to form an 802.15.4 local area network mesh and one charging station (gateway) connects to the ChargePoint Network Operating System (NOS) via the MultiModem CDMA cellular wireless modem. The cellular modems provide the wireless Internet connectivity required to communicate with the ChargePoint NOS. This network communication of charging stations is unique only to Coulomb Technologies and enables many unique features including:

• Authentication/authorized access to eliminate energy theft
• Authorized energizing for safety
• Subscriber usage monitoring
• Remote monitoring and diagnostics
• Fleet vehicle management
• Grid load management

Solution Benefits:

· Real-time connectivity anytime, anywhere between charging stations and headquarters

· Leverage existing cellular networks – not proprietary

· Investment protection with advanced forward compatible design

Solution Components:

· Multi-Tech Systems MultiModem CDMA Cellular Wireless Modem

· User supplied CDMA network access

" Multi-Tech's MultiModems provided the best combination of size, features, cost, reliability and network compatibility available. "

- Praveen K. Mandal, President of Coulomb Technologies

"We found Multi-Tech's MultiModems provided the best combination of size, features, cost, reliability and network compatibility available," states Praveen K. Mandal, President of Coulomb Technologies. "The flexibility of wireless communications is very important to our operation. We can set-up a charging station on virtually any street corner where traditional phone lines may not be available. With a Multi-Tech cellular modem, all we have to do is plug it in and set it up to call our network. And with cellular we are only paying for airtime, which can also reduce expenses. Multi-Tech is a good partner for us and brings the efficiency and modern communications we need."

Multi-Tech MultiModem CDMA Cellular Wireless Modem

The MultiModem CDMA cellular wireless modem offers standards-based dual-band CDMA2000 1xRTT performance. This ready-to-deploy, standalone modem provides wireless data communication and integrates seamlessly with virtually any application. It is available with a broad range of interface options including RS-232, USB and Ethernet to cover all of your application needs.

Model No.	Description
MTCBA-C	800/1900 MHz CDMA Modem

Combing Coulomb Charging Technology with Multi-Tech Systems' Cellular Wireless Modem

Coulomb Technologies is using the MultiModem CDMA cellular wireless modem as part of its ChargePoint Network which offers advanced networked charging stations for plug-in electric and hybrid vehicles. Each group of Smartlet Networked Charging Stations connect to each other to form an 802.15.4 local area network mesh and one charging station (gateway) connects to the ChargePoint Network Operating System (NOS) via the MultiModem CDMA cellular wireless modem. The cellular modems provide the wireless Internet connectivity required to communicate with the ChargePoint NOS to provide subscriber authentication/ authorization, usage monitoring and real-time control.

Subscribers accessing the Coulomb ChargePoint Network sign-up for the charging service subscription plan via an online subscriber portal: mychargepoint.net. Subscribers receive a ChargePoint Network Smart Card that allows them to charge their car at any charging station in the network worldwide. To locate available charging stations, visit mychargepoint.net and click "Find Stations".

About Coulomb Technologies

Coulomb Technologies, headquartered in Campbell, Calif., offers a family of products and services that provide a plug-in vehicle charging infrastructure, which includes Smartlet Networked Charging Stations ranging in capability from 120V 15A to 240V 80A AC charging to 120kW DC charging. Coulomb applies networking technology to the challenge of charging electric vehicles and plug-in hybrids in order to fuel the electric transportation industry. Coulomb's ChargePoint Network addresses the needs of drivers, utilities, governments and parking space owners.

Coulomb Technologies

For more information, contact:

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About Multi-Tech Systems

Multi-Tech Systems is an ISO 9001:2000-certified global manufacturer of award-winning Unified Communications and device networking products. Since 1970, Multi-Tech Systems has grown into a company with a worldwide reputation for reliable products of innovative design. This reputation is just as strong today. Our goal is to help our customers achieve a competitive advantage by providing solutions that return superior business results. New technologies, same focus: Connecting voice and data over IP networks. Multi-Tech is certified by the WBENC as a Women's Business enterprise, and by C-TPAT (Custom Services Trade Partnership Against Terrorism).