



Addressing the Data Communications Challenges Faced by the Home and Mobile Medical Device Industry

When it comes to a patient's health and well-being, medical device companies need to focus on what they do best to develop robust home and mobile healthcare applications that monitor anything from glucose levels to cardiac conditions. Whether companies have a new solution they seek to bring to market or an existing device needing a longer lifecycle, this industry faces some unique challenges. With Multi-Tech's multiple connectivity options, the data communications piece doesn't have to be one of them.

ADD MULTIPLE CONNECTIVITY OPTIONS WHILE MAINTAINING CERTIFICATIONS

Add a non-intrusive solution with multiple connectivity options to your solution without additional development costs or having to go through the FDA 510(k) process again. Multi-Tech's certified device networking products allow remote healthcare solutions to be deployed anywhere in the world without having to pursue and invest in carrier and regulatory approvals.

- Analog
- Ethernet-to-DSL
- Bluetooth[®]
- Cellular
- FCC Class B compliant

NO ANALOG, NO PROBLEM

25% of U.S. households have a cell phone but no landline and the trend is increasing.* Multi-Tech has a turnkey solution that will extend the lives of devices that rely on analog connections.

REDUCE TOTAL COST OF OWNERSHIP

Multi-Tech's complete portfolio includes analog, cellular, and wireless technologies, providing the flexibility you need no matter where and when the solution is deployed.

- Accommodate for today's diverse deployment scenarios
- Anticipate future communications technologies
- Adapt an existing device to advanced communications technologies without complete replacement

MAKING THE CONNECTION

With proven experience providing real-time data communications solutions for the mobile health industry, Multi-Tech's solutions add instant communications capability and seamless interoperability with new and existing devices. Here are a few of our current approvals that allow for quick deployments:

- PTCRB and R&TTE
- FCC Class B Compliant
- Carriers: AT&T, Sprint, Verizon Wireless

* According to the Centers for Disease Control



Multi-Tech Solutions for Home and Mobile Healthcare

MULTI-TECH PRODUCTS:

Multi-Tech products are used in over one million healthcare applications for good reason. Manufactured by 40-year industry leader with more than 20 million devices deployed worldwide, all of Multi-Tech's products are designed, manufactured and tested in one U.S.-based manufacturing facility, pass a rigid ISO 9001:2008 quality control system and undergo 100% functional testing.



ANALOG-TO-WIRELESS CONVERSION

The turnkey MultiConnect™ Analog-to-Wireless converter allows legacy equipment with built-in analog modems to connect to the cellular packet data or circuit switched data networks. By emulating the traditional dial-up PSTN network and using integrated or external cellular modems, this affordable solution gives new life to devices currently using traditional analog dial-up communications.

- Analog-to-Wireless migration
- Converts phone number to IP address
- Phone line simulation
- Outbound and inbound calling

CELLULAR CONNECTIVITY

Utilize Multi-Tech's pre-approved reliable modems for the most efficient and dependable device networking solution. They utilize standards-based HSDPA, EDGE, GPRS or CDMA technologies to provide wireless data communication over worldwide cellular networks.

- Interface options include RS-232, USB, and Ethernet
- Embedded solutions available

Streamlined Integration with New Cellular Development Platform

- Leverages open source Linux software
- Quickest, most economical way to market



COMPREHENSIVE SERVICES

Multi-Tech offers a comprehensive portfolio of services to manage the complexities of bringing a solution to market and maximizing its lifetime. Services include design, development, support and contract manufacturing, for the ultimate in flexibility and control.

Multi-Tech understands the complete cycle of integrating and maintaining an intelligent medical device - from its conception and development to manufacturing, packaging and labeling, advertising, and its sale, use and disposal. We participate in the areas where we can add significant value and are dedicated to making a beneficial impact wherever communication systems are needed. Whether you have questions related to cost of ownership, compliance, power savings, or supply chain management, we can provide the intelligent answers you need.

40 years in M2M, 80+ patents, 20+ million devices deployed worldwide

Multi-Tech is certified by the WBENC as a Women's Business Enterprise and by C-TPAT (Customs–Trade Partnership Against Terrorism). Visit www.MultiTech.com. Follow us on Twitter: twitter.com/MultiTechSys

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