

MULTITECH®

CREATE • CONNECT • COMMUNICATE

MultiConnect®
Conduit™



MultiConnect®
rCell



MultiConnect®
Dragonfly™



Communications Solutions for the Internet of Things

Certified, carrier-approved modems, routers, and gateways to enable IoT and M2M applications on wired, cellular, and LoRa® networks



TECHNOLOGY THAT TRANSFORMS

MultiTech is committed to supporting the growth and development of the Internet of Things (IoT) in order to create new customer experiences and unparalleled economic value, while

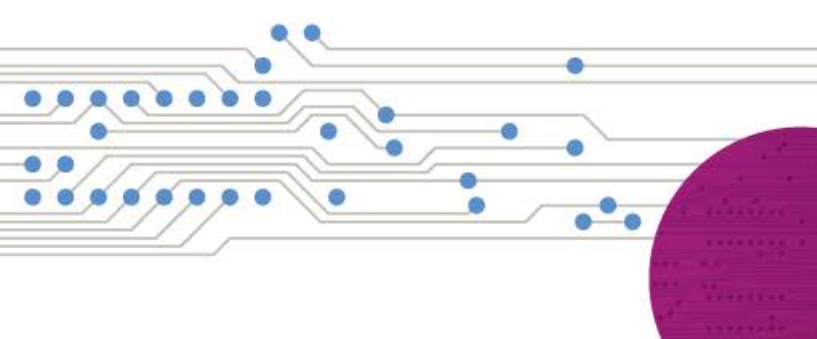
improving quality of life for countless people throughout the world. By providing products and services to connect “things” to the Internet, MultiTech delivers deeper understanding to businesses, governments, organizations and individuals, which will in turn transform the way we live and work.

MultiTech offers a variety of embedded devices as well as modems, routers and gateways that address connectivity across a variety of technologies including analog, Ethernet, cellular, PAN and LPWA. Our diverse, award-winning portfolio reflects the constantly evolving world of the Internet of Things with a product and technology combination to suit virtually any use case.

Our products are designed to ensure the quickest route to market based on your needs, programming capabilities, preferred use of resources and business focus, in order to deliver a faster return on investment and lower total cost of ownership.



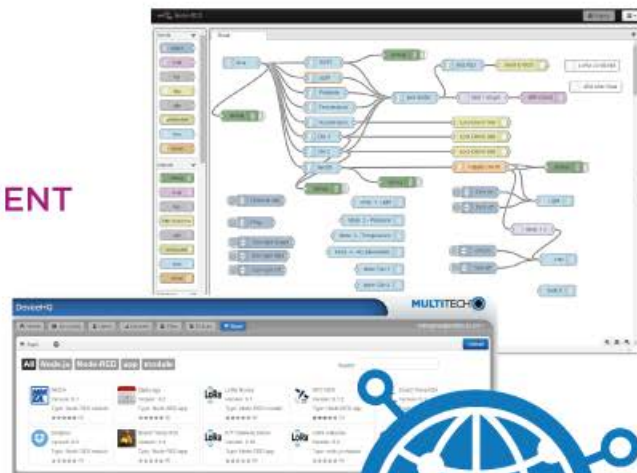
MultiTech Campus
Mounds View,
Minnesota U.S.A.



WHY MULTITECH?

DEVICE AND APPLICATION MANAGEMENT

MultiTech DeviceHQ® is a cloud-based tool set for managing the latest generation of MultiTech devices. It incorporates all the functionality of MultiTech Device Manager, on which so many M2M and IoT applications already rely for remote monitoring, upgrades and configuration of entire device populations - whether one or 1 million. DeviceHQ takes remote device management and maintenance to a new level, by providing an application marketplace, allowing users to browse applications, or build their own, then easily deploy them to and customize them for remote devices from anywhere.



CERTIFICATION

We've done all the hardware, software and RF design and testing so you don't have to - reducing the time, cost and risk associated with regulatory and industry certifications, and carrier approvals, in order to provide the easiest, smoothest path to enabling communications in your IoT and machine-to-machine (M2M) applications.

SUPPORT

MultiTech customers consistently rate us ahead of the competition for the quality of our technical support. That's because we're committed to providing you the information you need to install and maintain your product in a timely, concise and easy-to-understand format. Our commitment to quality and service excellence means you can count on MultiTech products and people to address your needs, while our history of innovation ensures you can stay ahead of the latest technology with a partner who will be there for the life of your solution.

"Simply,
Thank You! Thank
you for your team... They
should all be congratulated
for their professionalism and
service. They know how to
take care of a customer."

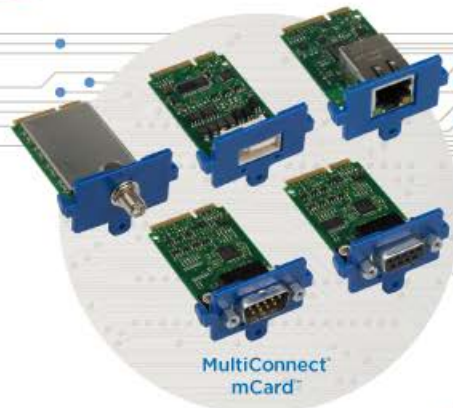
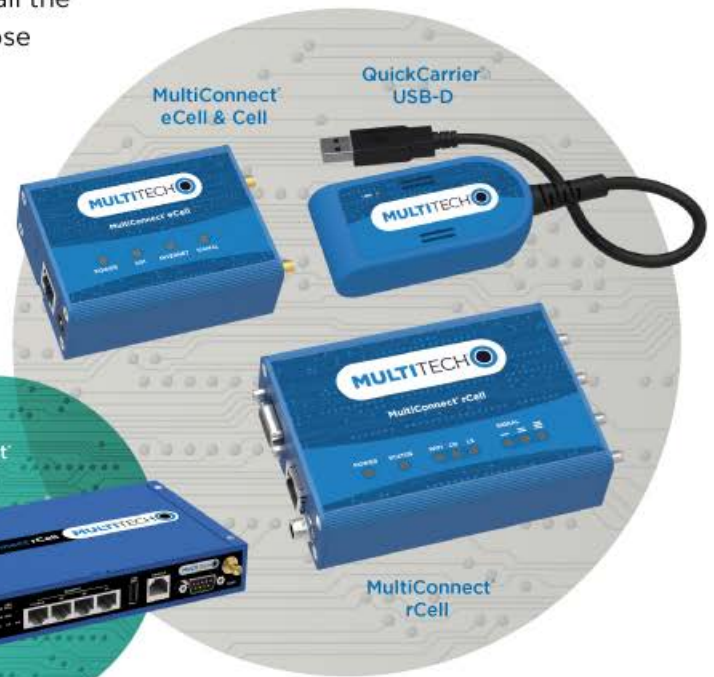
Steven,
Founder and CCO

MODEMS, ROUTERS AND GATEWAYS

Our family of modems, routers and gateways cover a diverse range of use cases. These products offer the quickest time to market, because they're virtually plug-and-play to get your IoT or M2M application communicating immediately. We've done all the design, certification and RF work for you. Simply choose the right product for your application, plug it in and you are connected to the world.

Choose a MultiTech device product when:

- You don't have the skills, funding or resources to implement your own connectivity.
- Transition between proof of concept and production should require minimal effort.
- You need to retrofit existing high-value capital equipment in the field.
- Risk reduction is a top priority.
- Time to market is critical.



MultiConnect® Conduit™

MultiConnect® Conduit™ is the industry's most configurable, manageable, and scalable cellular communications gateway for industrial IoT. Connectivity choices include carrier-approved 4G-LTE, 3G, 2G and Ethernet.

A diverse range of MultiConnect® mCard™ accessory cards provide the local wired or wireless connectivity and plug directly into the rear of the Conduit gateway. Available options include a LoRaWAN™ Ready mCard capable of supporting thousands of MultiConnect® mDot™ long range RF modules.



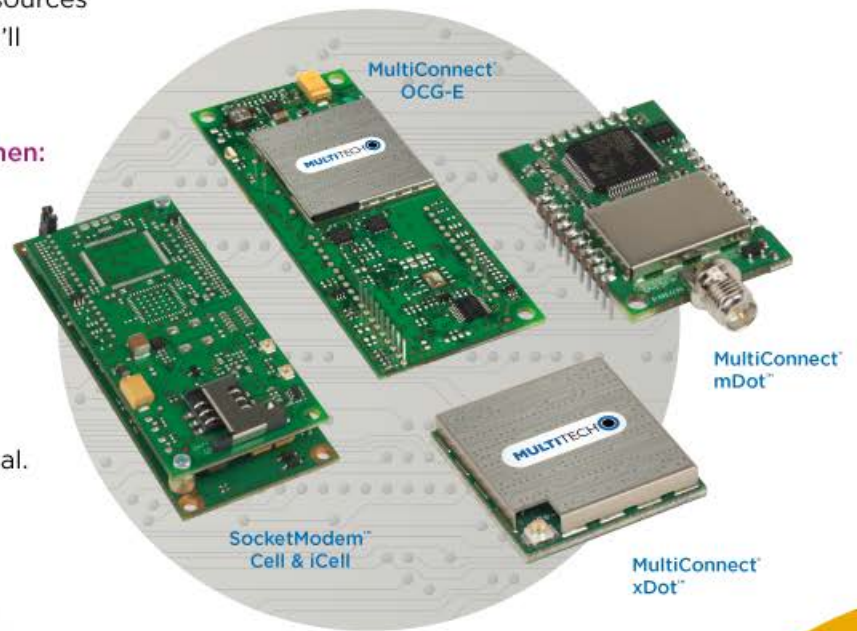
Development environments to suit all users include IBM Node-RED or mLinux™ Open Embedded/Yocto. Plus, remote configuration and optimization are available with DeviceHQ®.

EMBEDDED M2M PRODUCTS

Build communication capabilities right in to your products with pre-approved and ready-to-integrate embedded products from MultiTech. Our embedded range of modems and systems on modules are designed for those who want more control and flexibility in the development process. You'll need more engineering skills and resources compared to our device products, but you'll benefit from a reduced bill of materials.

Choose MultiTech embedded products when:

- You have the engineering skill to integrate, but prefer to avoid the complications associated with certifications and carrier approvals.
- Volumes are expected to exceed 5,000 units/year.
- It's time to reduce your bill of materials.
- Control and flexibility of design are critical.



ARM[®] mbed[™]

MultiConnect[®] Dragonfly[™]

The MultiConnect[®] Dragonfly[™] embedded cellular System on Module (SoM) is fully certified and ready to integrate, with the functionality of a programmable computing platform and the convenience of an onboard cellular radio all in one compact design.

Dragonfly is compatible with the ARM[®] mbed[™] programming platform for rapid development. With its integrated Cortex[®]-M4 processor, developers can host their application and access a full suite of sensor interfaces.

Dragonfly can be used as an embedded cellular SoM for maximal design and application flexibility, or as an embedded cellular modem, requiring minimal modification to your existing design.

ENTERPRISE SOLUTIONS

FaxFinder[®]

The FaxFinder[®] fax server is an all-in-one network



appliance allowing faxes to be sent and received electronically. Inbound faxes are delivered to a recipient's email inbox or network folder and can be accessed by a PC or mobile device. Faxes can also be queued on a network printer for customers who require printed copies. A number of routing options are available to help ensure faxes are delivered to the proper individual or department. Outbound faxes are sent using client software, web browser, or existing email client.

MultiConnect[®] AW

The first telephony system began rolling out more than 100 years ago — and is still operational today. For more than 45 years, MultiTech has been making devices to connect machines to this network. Today, costs to support analog lines are growing — which is why carriers want to move customers to lower-cost methods of connectivity, like cellular. To do so, legacy machines need to learn a new, digital, language. The MultiConnect[®] AW analog-to-wireless converter is a convenient way to connect dial-up devices to cellular networks to extend the life of your existing equipment.



PRODUCT REFERENCE GUIDE	BASE PART NUMBER	DEVICE PRODUCTS						EMBEDDED PRODUCTS			
		PROGRAMMABLE		NON-PROGRAMMABLE				PROGRAMMABLE		NON-PROGRAMMABLE	
		SMART	SMART	BRIDGE	DUMB		SMART	DUMB			
		MTCDT	MTR	MTR5	MTE	MTC	MTD	MTQ	MTXDOT	MTDOT	MTSMC
DEPLOYMENT	GLOBAL	•	•			•	•	•	Regional	Regional	•
	US/CAN Only				•						
	EU Only			•							
CELLULAR TECHNOLOGY	4G LTE Category 3	•	•	•	•		2017	•			•
	3G HSPA+	•	•			•		•			•
	3G EVDO	•	•			•		•			•
	2G GPRS		•			•		•			•
	2G IS-RTT CDMA		•			•		•			•
WIRELESS	WiFi		• (3G & 2G)	•							
	Bluetooth		• (3G & 2G)	•							
	LoRa	•							•	•	
	GPS Capability		•	•		•		•			•
SIM SLOTS	One	•	•		•	•	•	•			•
	Two			•							
PORTS	Ethernet RJ-45 10/100 BaseT auto MDI/MDIX	•	•	•	•						
	Ethernet 10/100										
	Serial RS232		•	•		•					
	Serial RS485	•		•							
	USB	•		•							
	USB Powered					•	•	•			•
	GPIO	•					•				
	I2C							•	•	•	•

• Included feature

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
Email: sales@multitech.com
www.multitech.com

EMEA Headquarters

Multi-Tech Systems (EMEA)
Strata House
264-270 Bath Road
Harlington UB3 5JJ U.K.
Tel: +(44) 118 959 7774
Email: sales@multitech.co.uk
www.multitech.co.uk



Trademarks and Registered Trademarks: MultiTech and the MultiTech logo, MultiConnect, Conduit, Dragonfly, mDot, xDot, DeviceHQ, QuickCarrier, SocketModem, FaxFinder: Multi-Tech Systems, Inc. All other products and technologies are the trademarks or registered trademarks of their respective holders. Features and specifications are subject to change without notice.