

# Physio-Control

## Portable Lifesaving Solution

For more than 50 years, Physio-Control has been a global leader developing and designing external defibrillation devices that are legendary among first response professionals, clinical care providers and citizens around the world. Their lifesaving products are designed to meet the unique needs of their customers and offer a full range of services and products that form an emergency response system for lifesaving teams.

Trusted by paramedics, EMTs and firefighters, their rugged and ultra-portable professional grade defibrillators help to perform the most critical care while providing advanced medical information in real-time directly to the hospital or trauma center.

Physio-Control required a wireless connectivity solution to connect their defibrillators to the Internet in order to send ECG's to a centralized Internet datacenter, as well as emergency departments and Cardiologists. The Multi-Tech external wireless modems provide that gateway for the defibrillators to make that Internet connection. Since the defibrillator is an FDA-regulated medical device, integrating Internet communications capabilities into the device itself was going to be a challenge for them. Multi-Tech's external wireless modems allowed them to bring a connected system to market much faster than trying to integrate the modem into the defibrillator.

The solution utilizes Multi-Tech's external MultiModem® CDMA or MultiModem® EDGE wireless modems to make the communication link. These external wireless modems offer ready-to-deploy, carrier certified CDMA or EDGE wireless connectivity. They are available with a broad range of interface options including RS-232, USB and Ethernet.

"We chose Multi-Tech because of their reputation for delivering quality products that could withstand the rigors of use by lifesaving teams and their willingness to work with us to develop a customized interface for use as a gateway with the LIFEPAK® defibrillator," said David Lampert, Network Operations Manager at Physio-Control. "In addition, Multi-Tech's international certification team enabled us to deploy these solutions around the globe and implement a global standard for gateway connectivity products for the LIFEPAK 12/15 product line".



## MultiModem CDMA

- CDMA2000 1xRTT
- Data rates up to 153.6K bps
- RS-232, USB, PCI and Ethernet interfaces
- Carrier certified

## MultiModem EDGE

- EDGE (E-GPRS) Class 12
- GPRS Class 12
- Packet data rates up to 240K bps
- RS-232, USB and Ethernet interfaces
- Carrier certified

## Physio-Control

manufactures external defibrillators and complementary Medical Informatics systems that are legendary among first response professionals, clinical care providers and citizens everywhere. Our defibrillators set the standard upon which an entire industry was built.

For more information contact:

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