IEC telecom

ONEHealth
powered by DigiGone

The definitive telemedicine care system

OneHealth, powered by DigiGone, is the definitive telemedicine care system that brings real-time decision support to the field. Whether your medical staff operates onboard a vessel, on an offshore platform, or as part of a humanitarian mission in an area with limited to no GSM coverage, OneHealth provides reliable connectivity for these critical communications.

Ideal for first responders, OneHealth is extremely portable and designed to support multiple services such as emergent care and home healthcare. With multi-party video calling and a user-friendly dashboard, medical specialists in different locations can collaborate to deliver the most appropriate and cost-effective care no matter how remote the region may be.
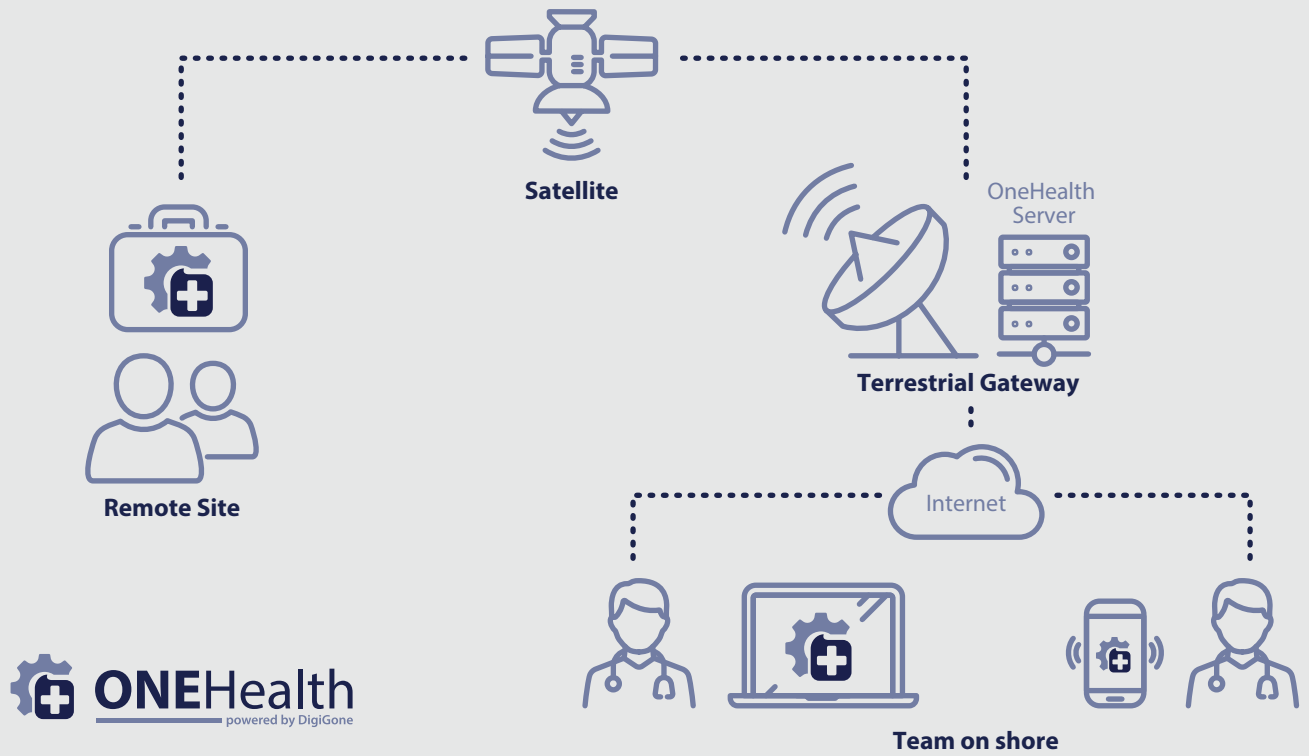
FEATURES

- All transmissions are encrypted using 256 bit AES
- Multi-party video, voice, text and file transfer
- Secondary private channel video collaboration
- Live medical device data streaming
- Remote control of kit by doctor or medical specialist
- Multi-camera selection
- User selected image quality adjustment: 320x240, 640x480, 1280x720 (HD)
- User selected bandwidth: 6Kbps to 300Kbps
- Auto medical data export via HL7 format
- On-site care provider identifier info input
- Still image capture and auto send
- Screenshot and auto send
- Real time note taking and live transmission
- Operates on Windows PC, Android and iOS systems

PHYSICAL SPECIFICATIONS

- Weight: < 10 lbs.
- Dimensions: 15 1/4"L x 10"H x 9"D

COMPONENTS

- 10" Windows Tablet
- Bluetooth Thermometer
- Bluetooth Pulse Oximeter
- Bluetooth Blood Pressure Monitor
- Bluetooth Blood Glucose Meter
- USB 12 Lead EKG
- USB Macro Camera
- USB Otoscope
- Bluetooth Keyboard
- Hands Free Speakerphone
- USB Ethernet Adapter
- 3x Powered USB ports

Satellite

OneHealth Server

Terrestrial Gateway

Internet

Remote Site

ONEHealth
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Team on shore

- Multiple Power Input (110-220 VAC/9-32VDC)
- Built-in Wi-Fi g/n
- Crosslink insert
- 1000 Cordura water resistant nylon outer case
- MOLLE loops around exterior
- Wired ear buds with microphone
- Spare batteries for medical devices
- USB Electronic Stethoscope

CONNECTIVITY

OneHealth is compatible with all major satcom service platforms and GSM networks.

Normal bandwidth requirement is 40-90 kbps on average. This includes video/audio/medical device data streaming/IP overhead and encryption!

ABOUT OPTICONNECT

OneHealth is one of the applications included in the OptiConnect suite by IEC Telecom. Powered by DigiGone, this app portfolio offers a wide range of communications devices, designed to operate in a low-bandwidth environment:

- OneAssist: remote maintenance delivered over hands-free handset
- OneMonitor: video surveillance software with advanced remote access
- OneTeam: optimised application for videoconferencing

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