

Our team of clinical executives, medical professionals, technologists, researchers, and informaticists bring decades of experience treating patients, managing services, and developing strategies across federal departments, agencies, and the Uniformed Services.

### WHAT WE DO



**Medical Simulation** & Training

& Integration

Software Development



Electronic Health Records



Modernization & Telemedicine



Interoperability

Clinical Information Systems Training and Implementation Services



Independent Verification

Cloud Engineering and Development

DHMS

Program Executive Office

Agile Project Management

## WHO WE SERVE













MicroHealth www.microhealthllc.com









## OUR CERTIFICATIONS



## CONTRACT VEHICLES

CMS SPARC DHA OMNIBUS IV FAA eFAST **GSA VETS2 GSA** Professional Services Schedule GSA IT Schedule 70-SIN 132-51 & 56 JPFO-CBD JF-RDAP NAVY SeaPort-NxG NITAAC CIO-SP3: 8(a), Small Business, & SDVOSB OASIS 8(a) Pool 1 8(a) STARS III GWAC

## POINTS OF CONTACT

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# Capability Spotlight MEDICAL SIMULATION

**MicroHealth** 

Modern Medical Simulation and Training is a cutting edge, high-stakes, high-criticality field that demands continuous innovation in technologies, advancement in clinical care, and adaptation to reflect the myriad of dynamic, fixed facility, and field environments. Well trained medical assets are a force multiplier.

## **CURRENT AND PAST PERFORMANCE**

MicroHealth creates, enhances, and supports the technologies and capabilities that lead to well-trained medical assets through the following efforts:

#### Special Operations Command (SOCOM) Purposed Emergency Access Response Point of Injury and Trauma Simulation (SPEARPOINTS)

MicroHealth designed and developed the SOCOM Prolonged Field Care prototype for advanced medical simulation training. The SPEARPOINTS trainer, operated by 18D instructors/SMEs, simulates an in-theatre, austere environment such as Special Forces Team Houses to replicate forward deployed trauma to provide prolonged field care training for up to 72 continuous hours.

SPEARPOINTS allows Special Forces teams to select multiple trauma and environmental scenarios for our specialized Instructor/Operators to configure in the simulator and conduct realistic, simultaneous training for up to 30 personnel.

#### Environment Command and Control (E-MC2)

MicroHealth designed and developed the E-MC2 software specifically for the SPEARPOINTS simulator as a command & control suite to integrate medical training scenarios into the training environment. It controls all environmental scenario stressors such as strobe lights, sound effects, scent generators, illuminators, and how they interact with the Laerdal LLEAP software.

#### Theater Medical Information Program-Joint (TMIP-J)

A key solution provider for the DHA, MicroHealth created and sustained solutions that integrated disparate software components that provide complete clinical care documentation, medical supply and equipment tracking, patient movement visibility, and health surveillance in theater.

#### U.S. Army Medical Simulation Training Center (MSTC) Fort Hood

MicroHealth designed, built, and implemented the newest fully operational MSTC at Fort Hood. The new MSTC doubles the throughput capability for medical training of medical and non- medical soldiers annually while providing additional medical training capabilities not available at the previous MSTC.

#### U.S. Army Medical Training Command and Control (MT-C2) System Installation

MicroHealth is updating the technology currently in use at Army MSTC sites to the new Medical Training Command and Control (MT-C2) system. We conduct site surveys to assess the layout and configurations unique to each site and design customized plans for equipment acquisition, installation, configuration, and testing of the MT-C2 system.

Once approved, we acquire the equipment; assemble and configure the tailored system in our FL facility; test the system; disassemble it; and ship it to the MSTC site where it is reassembled and tested again. We also provide all system maintenance (patches, updates, etc.) and train instructors and operators on how to use and maintain their MT-C2 system.

#### U.S. Army MSTC Post Deployment Software Support (PDSS)

MicroHealth's MSTC PDSS includes medical simulation training software design, development, integration, maintenance, updates/upgrades, prototyping, test and verification for all systems and subsystems within the MSTC program. We also provide cybersecurity, MSTC site configuration, help desk, training, and hardware/ technology enhancement support services.



