

MEDICAL TRAINING COMMAND AND CONTROL (MT-C2) SYSTEM INSTALLATION

Upgrading to an automated immersive medical simulation environment

MicroHealth is helping the U.S. Army MSTCs install their updated MT-C2 System. Each MSTC provides realistic training to over 2,500 medical and non-medical (all combatants) Soldiers. Participants receive direct instruction on the latest battlefield trauma and critical care techniques in a high-stress combat environment.



THE ISSUE

Army MSTCs are undergoing a tech refresh, fielding a (1) MT-C2 System, (2) Virtual Patient System (VPS), and (3) Instructor Support System (ISS) as an integrated System of Systems. The MSTC Program of Record includes 22 current and 3 planned sites.

OUR IMPACT

Our installation effort updates the current analog technology in use and includes:

- designing, constructing, and fielding MT-C2 systems at 18 MSTCs,
- managing and integrating more than 1,000+ pieces of government equipment,
- tailoring each system to the unique needs of each specific site,
- procuring and transporting material globally, and
- providing training courses for site instructor/operator personnel.

This allows for more efficient operation of each system in support of training and validation of 68W annual training, Combat Life Saver, Basic Life Support, Tactical Combat Causality Care, and Combat Medical Advanced Skills Training.

TECHNICAL FEATURES

- Site surveys
- Building modification
- Site collaboration
- Global transport
- Hardware installation
- Network installation
- Software deployment
- Site design
- Construct technical packages
- Validation testing

CLINICAL BENEFITS

- Automated training system
- Master training control suite
- Integrated classrooms
- NET course instruction
- Lab-style familiarization
- Provide user manuals
- Follow-on system support

