

Virtual

IMPACTT™ On-Site and Remote

Synthetic Training Environment for Multimodal Medical Training (STEM3T)

Commercialization

Open Standards Tools to create, edit, and assess Multimodal Scenarios that can be deployed to Live, Virtual, and Manikin-based Trainers running the Open Source MoHSES™ Platform

MoHSES

Platform

Open Standard

Core Software

Common Data

Physiology

Engine

Connector

Open-Source

STEM3T Platform Virtual imulation Modules Virtual Patient **Patient Cases** Support Physiology Model Modules Assets 3D Models Instructor Interface Textures TeamSTEPPS 2D Images Sounds Procedural **Physical Simulation** Assessment Criteria Checklist Modules Assessment Modu Full-body Manikins Simple Part-Task Trainers Conditional Scenario Scenario Wearable Simulators Authoring Instrumented Medical Equipment

Virtual

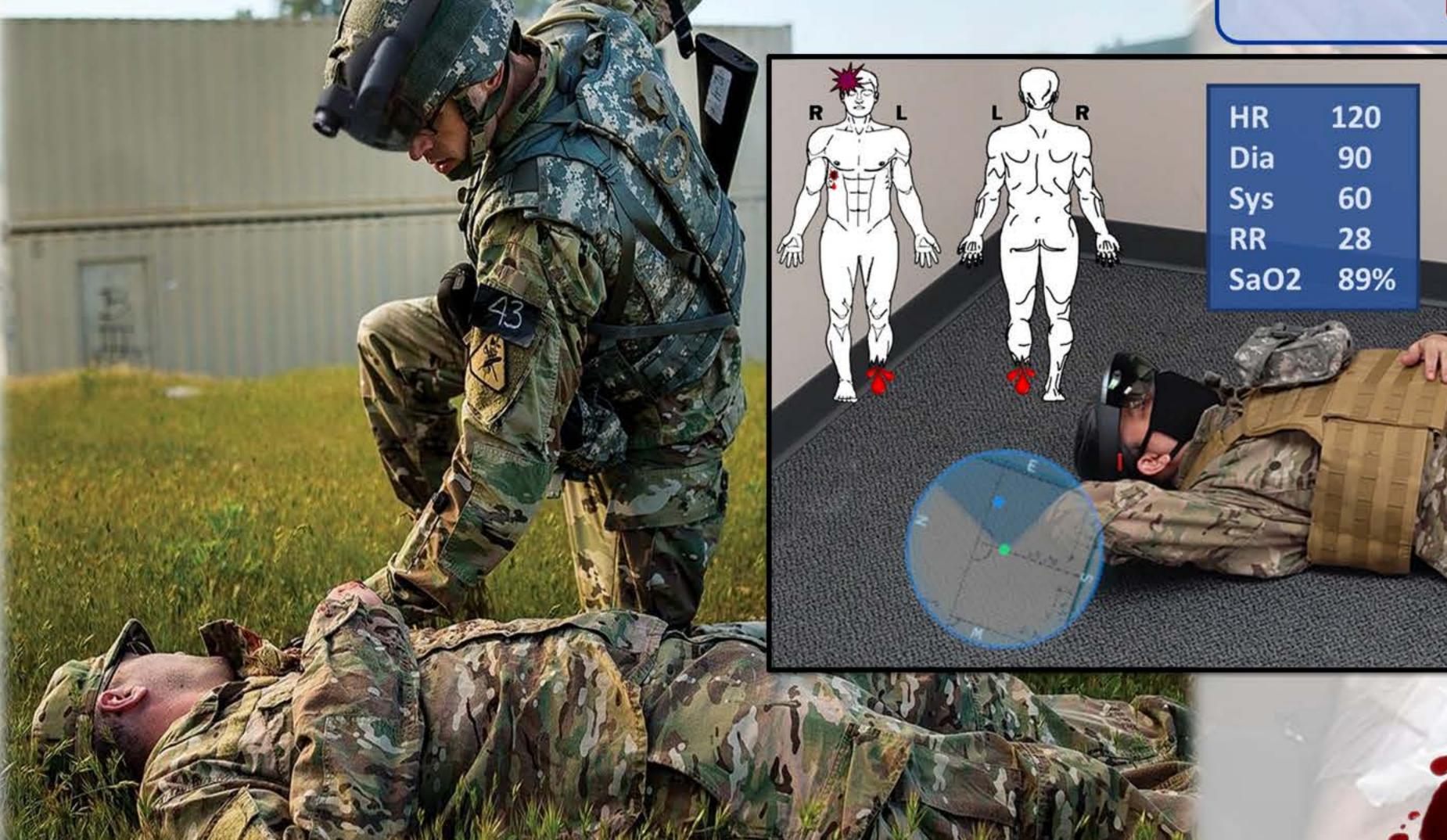
Equipment



Physical

Female Manikin

- Women-owned, non-traditional small business headquartered in Orlando Florida, founded in 1996.
- Focus: medical applications of innovative virtual, augmented, and mixed reality training technologies.
- MTEC funded project: Synthetic Training Environment for Multi-modal Medical Training (STEM3T) project. Developed and demonstrated interoperable virtual, manikin-based, and live medical simulations.
- Commercialized Immersive Modular Patient Care Team Trainer™ (IMPACTT) for Trauma Team Training, and MedSim DevKit™ for 3rd-party MedSim developers.
- Supported over 20 industry and academic organizations in creating MoHSES-compliant modules.



Compact Core™ Universal Segment

MedSim DevKit™

Live / Augmented Reality

Collective TCCC

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Trainer Module