# MedSim DevKit

Vcom3D's **MedSim DevKit™** is a developer kit of hardware and software tools that enables you to create your own interoperable medical simulation solutions. This time and money saving kit supports a range of applications, including physical, VR, AR, and Mixed Reality. Using the **MedSim DevKit**, you can create or adapt your simulation task trainers and/or modules to plug-and-play with other MoHSES™-compatible* simulation modules to build integrated training systems.

- **Physical Modules** may include Manikins, Part-task Trainers, Interchangeable Limbs, Medical Equipment, or Wearables.
- **Virtual Modules** may be virtual patients or virtual medical equipment.
- A full range of **AR/VR and Mixed Reality** displays can also be supported.
- Create or adapt your own **Training Content and Assessments.**
- **Create High-performance Trainers** by integrating multiple modules.

A Baseline *MedSim DevKit* includes the following:

- Vcom3D's Compact Core (CC)
    - MoHSES Core software compiled, configured, and deployed
    - Provides power and network
    - Open-Source Physiology Engine
    - Includes new Assessment Engine
- Application Programmers Interface (API)
- Sample Code
- xAPI outputs to LMS or LRS
- A Vcom3D Virtual Equipment (VE) Tablet
    - With seven (7) Medical Equipment Simulation Apps, including two Patient Monitors, two Ventilators (Field and Hospital), Urine Gauge, Lab Reports, and Triple IV Pump
- 4 Hours of Remote Professional Support

Compact Core™

Virtual Equipment

Trainer Module

Universal Segment Connector
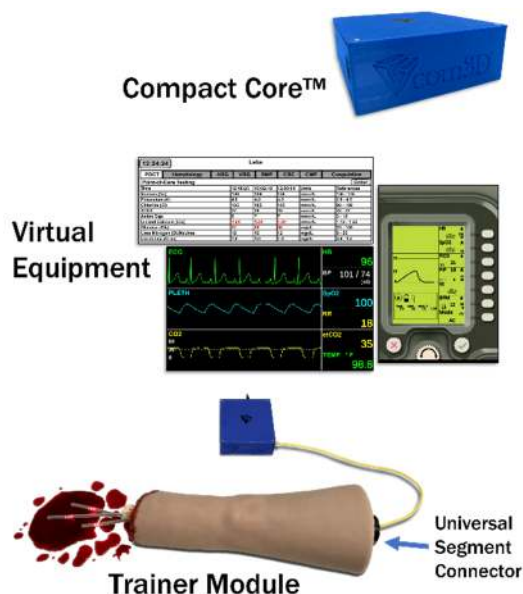
Options Available:

- MoHSES Universal Segment Connector (USC) to connect to your physical module
- Additional Medical Virtual Equipment Tablets
- Full Range of Professional Support Services

* MoHSES™ and Modular Healthcare Simulation and Education System™ are trademarks of the University of Washington.