



PRESS
RELEASE

QuantaDyn to Show Latest in Virtual and Mixed Reality Training Systems at I/ITSEC 2018

ASHBURN, VA – Nov 26 2018 –QuantaDyn Corporation (QuantaDyn) announces it will be showing the latest in emerging virtual and mixed reality technologies at I/ITSEC 2018, November 26-30, at the Orange County Convention Center, Orlando, FL. Exhibiting at Booth #801, QuantaDyn will demonstrate its newest developments in desktop, portable, mixed reality and virtual reality-based training systems.

Demonstrations include:

- QFires DT-100 Desktop
- QFires PT-100 Portable
- Mixed Reality JTAC (MRJ)
- Virtual Reality JTAC (VRJ)
- Advisor

DT-100 Desktop and PT-100 Portable

The DT-100 and PT-100 systems offer JTAC training in a compact, space-efficient design. Both solutions use proven QuantaDyn software and technology currently deployed in the larger JTC TRS. Emulated Military Equipment (EME) packages allow student to fulfill training requirements. EME packages include Ranger 47, IZLID, tablet for emulated radios, DAGR, and video downlink (VDL).

The compact DT-100 Desktop fits smaller areas (10' x 9'). Three distinct stations (student, instructor/observer, role player) allow for modular setup. The system is DMO-capable and can connect to other Q Fires training devices.

The PT-100 Portable solution packs into three checked luggage-sized travel cases; the system sets up and is ready for training in less than 10 minutes. Two distinct stations (student, instructor/role player) are scalable to include more students.

Mixed Reality JTAC (MRJ)

Leveraging the latest advancements in COTS mixed reality, the MRJ combines a “green room” and VR headset, creating a 360-degree FOV environment without the need for expensive projectors or IG systems. An RFID system enables effective form, fit, function EME, and allows teammates to interact inside the trainer. Adding this lower cost immersive environment expands the capability of any QFires training system.

Virtual Reality JTAC (VRJ)

Using state of the art COTS virtual reality technology, the affordable VRJ is a portable option for JTAC part task training. Comprising a laptop and VR system, the trainer packs into a single case and can be set up in less than 10 minutes, allowing training in a variety of environments, including hotels, classrooms,



PRESS
RELEASE

barracks, etc. In addition to included premade scenarios, the instructor can generate new scenarios, or modify existing scenarios during runtime for more dynamic training.

Advisor

The instructor-focused QFires Advisor uses VR technology to allow the user to observe or lock onto digital entities in the virtual environment. Instructors can control the digital entity, providing dynamic realism to training scenarios. The QFires Advisor system is DMO-capable, and networks with other QFires training devices, providing additional capabilities to any training system:

- **Immersed Instructor** allowing the instructor to see the simulation from a single entity's view point or monitor multiple viewpoints.
- **During Action Role Player** allows dynamic entity response to a student's actions.
- **Immersed Pre-Briefing** lets students see what the instructor sees.
- **After Action Review** allow students to attach to an entity to see how their actions effect the scenario.

QuantaDyn provides simulation and training solutions, services, and support, specializing in JTAC Training Systems. Our goal is to provide modern, innovative answers to training needs, while taking full advantage of commercial-off-the-shelf (COTS) technology. Our experience includes all phases of training device development for Joint Fires, as well as fixed and rotary wing aircraft for use in military and commercial programs.

Explore QuantaDyn's full family of QFires training solutions at www.quantadyn.com

For sales, contact: sales@quantadyn.com

For media, contact Sadie Lockett: media@quantadyn.com

©QuantaDyn Corporation