

NTPI NEWS

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Prepared for Virtually Anything

The National Terrorism Preparedness Institute begins using its new virtual studio.

The National Terrorism Preparedness Institute (NTPI) is now utilizing the capabilities of a new virtual studio that allows an infinite arrangement of graphics and videos to be displayed within the confines of a production studio of very limited size. NTPI provides cost-effective, high-impact training solutions with an emphasis on distance learning for our Nation's military and civilian first responders. Since it was founded in 1998, NTPI has focused on improving its digital video production capabilities to provide increasingly effective distance learning opportunities. Early this summer, the institute began using virtual set capabilities in its St. Petersburg, FL studio on the Allstate Center Campus of St. Petersburg College. The virtual studio allows NTPI to create various scenarios from a single production room. It can deliver numerous background sets that can be used for reporting and creating training scenarios, removing any real danger to production participants.

NTPI's virtual studio is already being used to deliver top quality training for disaster and terrorism preparedness and response. The Orad virtual studio production system uses Maestro live production software, 3Designer graphics design software, and Page Editor software to create a virtually live studio and on-the-scene environments within a small studio space. The studio environment includes three Shotoku broadcast system pedestals that use the equivalent of a calibration point to merge the images taken from three cameras with virtual backgrounds. In essence, the virtual studio links the images of real on-screen talent standing in front of a solid green backdrop with computer generated, enhanced backdrops that include things such as desks, flooring, windows, and window treatments.

And that's just the beginning. High quality video production is possible while reducing travel time and expenses for the production team. The virtual studio also allows the crew to change sets with little to no down time. A virtual set is changed with a few quick clicks of a computer mouse or with a few keystrokes in a few minutes. In addition, the virtual studio can be used to put on-screen talent in front of a backdrop of a real disaster or act of terrorism. It allows training to be developed without putting a production team in harm's way.

The link below demonstrates a few of the new virtual studio capabilities:

[Virtual Studio Examples](#)



SPC SHORTCUTS

[SPC Locations](#)

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[Driving Directions to Allstate Center
 St. Petersburg College Faculty/Staff](#)