

# Virtual Studios

The largest virtual studios  
in the Midwest

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PRODUCTIONS

Ball State University's Teleplex houses a pair of virtual studios: a 30'x40'x20' studio for smaller projects, and the main 40'x60'x20'. Both spaces are furnished with a covered cyclo-rama backdrop painted entirely in chroma key digital green.



Equipped with three Sony HDC-1550's, with 18x Fujinon lenses, both studios utilize three Vinten Radamec Quattro SE manual encoded pedestals topped by Vinten Vector 950E manual encoded pan and tilt heads. In addition to the Vinten Radamec manual encoded pedestals and pan/tilt heads, our facility incorporates Orad Hi-Tec System's ProSet virtual studio and HDVG (high-definition digital video graphics) rendering platform and Maestro controller software, as well as Ultimatte 11 blue/green screen compositing hardware.

Orad's ProSet imports models - along with their geometry, textures, and animations - directly from multiple design platforms, and then uses HDVG rendering platform to ensure that the set runs smoothly and in real time.



The Vinten Radamec pedestals and heads provide up to a million positional data points through 360 degrees, enabling the Orad engine to generate backgrounds and foreground objects that move as the cameras move.

"Vinten Radamec and Orad have collaborated on numerous projects in multiple countries, and the Ball State installation is certainly one of the more extensive to date," said Carl Bodeker, technical sales manager at Vinten Radamec. "The University Teleplex encompasses three fully encoded pedestals and pan/tilt heads that are used across two separate virtual studios. It's a state-of-the-art facility."



For more information, please call (765) 285-1249 or (800) 252-9472

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