

## SAINT JOSEPH'S UNIVERSITY

### Video Control Room System within Hagan Arena



Applied Video Technology (AVT) was contracted by Saint Joseph's University (SJU) in Philadelphia, PA to provide an upgraded video control room system within Hagan Arena, formerly known as the legendary Alumni Memorial Fieldhouse, the home to Saint Joseph's men's and women's basketball games. The Hawks play in the Atlantic-10 league, which requires all 13 schools in the league to send a live stream of their basketball games to be distributed on the Atlantic-10 Digital Network.

"Our goal in completing this control room upgrade was to move from standard definition to high definition so we could provide a top quality, professional production. We want Saint Joseph's athletics to set the benchmark when it comes to streaming and video production in the league" says Kevin McKee, from SJU Athletics.

To accomplish this goal, the control room upgrade consisted of moving all production system components to HD while simplifying all signal flow and routing. The new Control Room system is centered on the NewTek TriCaster 8000 for live production and features AJA Video components for routing, signal conversion and distribution. HD recording responsibilities are handled by a JVC SR-HD2500US Blu-Ray Disc Recorder and a Blackmagic Design Hyperdeck Studio 2. To hold all the new equipment, AVT installed new Middle Atlantic control room work surfaces and racks to house the new equipment. All new HDSDI production monitors from JVC and Blackmagic Design provide the images in the Control Room, and even the ref and announcer

sideline monitors were upgraded to HD. Rounding out the package, for game acquisition, the upgrade also included four new JVC GY-HM790L17 camera packages with 17x Fujinon lenses. Two are configured as "up" cameras on Miller tripods, and two are used as floor-level handhelds for sideline and baseline shots.

AVT worked with SJU representatives to implement some of their current equipment into the new HD design, including their NewTek 3PLAY for instant replay and Sony NXCAM camcorders. "Over the past few years, we had put together HD camcorder packages for field use and a few pieces for the control room, but it wasn't a complete system. With this project, we were able to complete the design for a complete end to end HD production" says Mike Coxe, Senior Systems Account Manager at AVT.

"We've been working with AVT since 2007 when we started with just a TriCaster Studio and a camcorder to produce games. As our production needs grew, we felt we could rely on the relationship we've built with Mike and his team at AVT to provide us the solutions we needed to take our productions to the next level" says McKee.

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