

Project Case Study – Schneider Arena Audio-Visual Systems Build-out and Commissioning

This design-build project for a division one, state of the art 20 Million dollar athletic facility encompassed multiple facets of technology based systems including Broadcast Cabling and Equipment including NCAA required game-day league video cameras and playback for officials, Mobile Broadcast Studio connectivity, Digital Signage, Displays, Game Clocks, Arena and Local Sound systems for the luxury suites, Video capture, storage and coaching software in addition to LAN, Telephony, Wireless next generation 802.11ac equipment, Video Security and Access Control connectivity. A fast-track project with additional design and support for building automation, ice monitoring-management, hydro-therapy and food services.

Our Design and Integration services were key components enhancing our ability to coordinate the various trades and stakeholders while adapting new technologies and systems to existing infrastructure and applications on a very aggressive timetable for the opening of the Ice Hockey season.

In addition to design and specification work, The Skyline Group handled several bid packages, RFP's, Contractor evaluations, technology system assessments and integration coordination along with outside plant work to upgrade pathways, transmission media and service provider connections for CATV, Satellite TV and head-end equipment. The project specifications and drawings were developed in accordance with the Providence College Infrastructure Standards, Industry best practices and methodologies.

The field support team for this project consisted of 4 members of The Skyline Group including Principal in Charge, System Integrator, Designer and CAD Field Support who managed this very active design and implementation process in real-time, coordinating with members of the General Contractor, MEP, structural and allied specialty trades including Digital Signage, Local Sound and official league video.



Exterior Broadcast Cabinet

