AVT
APPLIED VIDEO TECHNOLOGY

CASE STUDY:

LAFAYETTE COLLEGE

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AT A GLANCE

Project Highlights

- Complete overhaul of the LSN production control room
- Portable NDI production case for remote site broadcasting
- Seamless switching, replay & streaming directly from the main control room
- Scalable architecture for future campus-wide AV expansion

Key Products

- Vizrt TriCaster
- Vizrt 3Play
- Vizrt NDI Telestrator
- Planar Monitors
- Uniset Editing Console Deck

LAFAYETTE

OBJECTIVES

Lafayette College home to 23 NCAA Division I sports and more than 600 student athletes needed a modern, flexible way to produce live broadcasts from multiple athletic venues, including remote fields and stadiums not directly connected to the main broadcast facility. With more than 35 live TV broadcasts and 80+ live streamed events each year via the Lafayette Sports Network (LSN), the college required a production workflow that would reduce setup time, boost reliability, and support expanding digital content needs across campus.

SOLUTIONS

- **NDI-Based Remote Production:** Enabled full live broadcasts from remote athletic sites, controlled entirely from the Kirby Sports Center control room
- **Upgraded Control Room Infrastructure:** Vizrt TriCaster and 3Play systems integrated for switching, replay, and streaming
- **Portable NDI Production Case:** A mobile production kit providing the flexibility to capture live content anywhere on or off campus
- **Future Ready Network Design:** An IP based workflow that prepares the college for campus wide streaming of lectures, presentations, and events

RESULTS

- **Expanded Broadcast Capabilities:** Lafayette can now produce live games from remote fields with the same quality as on campus venues
- **Streamlined Workflow:** NDI networking minimizes setup time and allows a single control room to manage multiple locations
- **Professional-Grade Production:** Enhanced switching, replay, and streaming elevate the quality of LSN's broadcast output
- **Future Ready Flexibility:** The new system creates a foundation for streaming other campus events academic, athletic, and community focused