



**Solutions for Education**



# CONNECT, INSPIRE, AND PERFORM

Professional-Grade Tools for Campus Events, Sports Productions, and Seamless Communication Across Educational Facilities



**Riedel's intelligent real-time signal transport, crystal-clear communications, and live production solutions empower educational institutions of all sizes, from high school auditoriums to major university sports arenas.**

Today's educational facilities are more than places of learning — they are hubs of performance, competition, and innovation. Whether hosting a university football game, a graduation ceremony, a musical, or a multi-campus conference, institutions need powerful tools to bring their events to life — both onsite and for audiences around the world. With seamless communication, flexible audio and video networks, and integrated live video production capabilities, schools and universities can create professional, broadcast-quality experiences that engage and inspire.

An effective, interconnected system — pairing intercom, audio/video transport, and intuitive live production tools — ensures that productions are not only well-orchestrated on-site but also effortlessly shared via live streaming or television broadcasts. Whether you are sending a live feed to campus screens, remote alumni, or sports networks, Riedel enables educational institutions to deliver polished, compelling content with ease.

When every moment matters and flawless execution is the expectation, Riedel ensures your message and your performances are seen, heard, and remembered — on campus and beyond.

## KEY BENEFITS OF RIEDEL SOLUTIONS

**Ease of Use** — Educational institutions rely on a dynamic mix of professional staff, student volunteers, and occasional operators. That's why Riedel's solutions are designed to be intuitive and simple to operate. Whether managing intercoms, switching video feeds, or producing a live broadcast, users of any experience level can step in and confidently operate the system.

**Reliability** — In education and sports productions alike, there is no room for technical uncertainty. Riedel systems are built with redundancy at every level, ensuring uninterrupted communications, media transport, and video production workflows — even in the most demanding live environments.

**Flexibility** — Every campus event brings unique challenges — from rotating venues and varying production teams to evolving technical setups and academic schedules. Riedel's scalable, modular approach makes it easy to adapt communications, routing, and production systems to fit any requirement — from a small theater performance to a packed stadium.

**Efficiency** — Budgets matter, and operational simplicity saves time and resources. Riedel's all-in-one solutions reduce the need for multiple, standalone products by integrating communication, video switching, recording, and streaming into unified workflows. This means less hardware to purchase, power, and maintain — and a faster path from production to broadcast.



# PRODUCT LINES

## MEDIORNET

### The Real-Time Media Network



- Unified network infrastructure for broadcast and entertainment
- Integration of all video, audio, data and communication signals
- Distributed routing, processing and multiviewing capabilities for SDI/TDM, hybrid or IP environments
- Intuitive real-time configuration

## SIMPLYLIVE

### The Live Video Production Tool



- One intuitive user interface for main production requirements (Replay, Switching, Capture and Video Review)
- Software-defined architecture & COTS-based hardware
- Native design supports today's video formats (SDI, NDI, SRT...)
- Easily move from SDI distribution to IP signal formats Designed to migrate from on-prem- to the private/public cloud

## ARTIST

### The Digital Matrix Intercom



- Distributed masterless system architecture for reduced wiring and installation costs
- Up to 1,024 x 1,024 non-blocking ports per system
- Seamless integration of VoIP SIP PABX and mobile HF radio (conventional and TETRA)
- Future-proof – scalable and expandable

## BOLERO

### The Wireless Intercom



- Up to 10 beltacks per antenna; 100 antenna, 250 beltack net capacity
- High-clarity voice codec, ADR technology for multipath mitigation
- 6-channel beltack plus dedicated REPLY button
- Decentralized AES67 IP networked antennas
- Integrates with Riedel's Artist intercom and supports Standalone Link and Standalone 2110 (AES67) modes

## SMARTPANEL

### The Multifunctional User Interface



- High quality digital audio: no noise, no hum
- 2-channel intercom operation plus additional program sound on standard XLR cables
- Real plug-and-play installation
- Supports multiple applications; intercom, control and audio monitoring

*"We needed a system that could reach everywhere within our venues and across the entire campus. Bolero and Artist provided that scalability and interconnectivity. The clarity and ease of use of the Riedel systems have been game-changers for us, especially when working with student crews."*

**Matt Alvarado,**  
Head Broadcast Engineer  
University of Texas

**Service** – Riedel is your technology partner, offering not just world-class products but also outstanding support. From system design and training to ongoing service, our expert teams work closely with educational institutions to ensure that your communications and live production capabilities evolve and grow alongside your needs.



# LIBERTY UNIVERSITY

Liberty University, located in Lynchburg, Virginia, is one of the largest private, nonprofit universities in the United States, with over 135,000 students enrolled. The university hosts a wide array of events annually, including approximately 180 sports broadcasts, 180 entertainment broadcasts, and around 1,700 campus events

## Challenge

Managing communications across Liberty University's expansive 7,000-plus acre campus, which includes over 7.5 million square feet of building space, posed significant challenges. The university needed a reliable, scalable, and flexible communication system to support a diverse range of events, from sports and entertainment to convocations. The existing communication infrastructure was insufficient to meet the growing demands of the campus's dynamic event schedule.

## Solution

In collaboration with systems integrator Digital Video Group (DVG), Liberty University deployed Riedel Communications' Artist ecosystem to enhance campus-wide communications. The comprehensive installation includes the Artist-1024 decentralized, scalable digital intercom network, 71 RSP-1232HL and nine RSP-1216HL 1200 Series SmartPanels, 90 Bolero wireless beltpacks, 20 charger bays, and 30 Bolero antennas. In addition, the 1200 Series Audio Monitoring App (AMA) enables operators to listen to multiple audio feeds simultaneously on the SmartPanels to quickly identify any issues.

## Result

The IP-based deployment allows for plug-and-play functionality, enabling the team to support scheduled events and ad hoc productions efficiently. The SmartPanels, equipped with multiple applications, and the Bolero beltpacks have significantly improved communication clarity among event staff, including timeout coordinators, tech managers, stage managers, wireless camera operators, and engineers.

The implementation of Riedel's Artist ecosystem has transformed Liberty University's communication infrastructure, providing clear, reliable, and flexible communications across the campus. The system supports a diverse range of productions, enhancing the efficiency and effectiveness of event management. The university's staff has praised the system's audio quality and the innovative features of the SmartPanels and Bolero units.

The successful deployment of Riedel's communication solutions has positioned Liberty University to effectively manage its extensive event schedule, ensuring seamless communication and coordination across its vast campus.

*"All venue communications depend on Bolero beltpacks, which have greatly enhanced the clarity of communications among sports and events staff, including timeout coordinators, A2, tech managers, stage managers, wireless camera operators, and engineers. The audio quality is definitely crystal clear like you're standing next to somebody. This robust system supports a diverse range of productions at Liberty University, totaling around 180 sports broadcasts, 180 entertainment broadcasts, and approximately 1,700 campus events."*

**Louis James**

Senior Remote Support Engineer  
Liberty University



# HOW CAN RIEDEL INTERCOM...

## Elevate Your Campus Productions?

- **Enable crystal-clear communication across venues** – from theaters and auditoriums to arenas and broadcast control rooms – ensuring every production is executed with precision and coordination.
- **Support large, distributed teams effortlessly** – whether it's a few users in a lecture hall or hundreds of operators across a sprawling sports complex, Riedel's scalable Artist and Bolero systems keep everyone connected.
- **Offer flexible communication options** – with seamless integration of wired panels, wireless beltacks, mobile devices, and SIP/VoIP systems, adapting to the specific needs of each event, production, or academic session.
- **Simplify complex workflows** – with intuitive SmartPanels and drag-and-drop configuration software (Director), allowing student volunteers and professional staff alike to operate the system confidently and efficiently.
- **Seamlessly integrate with third-party systems** – using open standards, API support (RRCS), and NMOS protocols, future-proofing your communications infrastructure as your campus needs evolve.
- **Enhance mobility across campus** – with our world-class Bolero wireless intercom system offering outstanding audio clarity, extended range, and license-free operation, even in RF-congested environments.



## PRODUCT SPOTLIGHT



Clear, reliable communication is essential for the smooth execution and safety of campus events – from sports games and theater productions to graduations and large lectures. Riedel's **Artist** and **Bolero** intercom systems deliver professional-grade wired and wireless communication that's easy to scale and operate, even for student crews. Bolero's Advanced DECT Receiver (ADR) ensures uninterrupted performance in complex university environments, including arenas and auditoriums with high ceilings and reflective surfaces.

Riedel **SmartPanels** offer universities a powerful, adaptable intercom solution that meets the demands of campus productions and live events. With intuitive touchscreen interfaces and support for up to three key apps — Intercom, Audio Monitoring, and Control — SmartPanels give operators, students, and staff streamlined access to clear, coordinated communication. Whether used in a broadcast control room, sports venue, or theater, they deliver the flexibility and ease of use that educational environments require.

*"Discovering and implementing the Bolero system was a game changer. Its ease of use, reliability, long battery life, and excellent coverage allowed us to focus on our performance without worrying about communication issues. The reply and push-to-talk buttons were easy to use, even for first-year students, and customization features like renaming packs and setting party lines were fantastic. We are thankful for Riedel's support, which has been crucial to our success. This experience has significantly enhanced our production quality and prepared us for future professional endeavors."*

**Willie Yao**

Senior Student, OCSA  
(Orange County School of the Arts)



# LAFAYETTE UNIVERSITY

Lafayette College, a liberal arts institution in eastern Pennsylvania and a core member of the Patriot League, is home to 23 Division I sports teams. To showcase its athletic programs, the college established the Lafayette Sports Network (LSN-TV) in 1997, delivering more than 35 live television broadcasts and 80 additional live streaming productions each year. These productions reach over 10 million viewers locally and more than 90 million nationally through partner networks.

## Challenge

As the demand for live sports content increased, LSN-TV faced significant production limitations. The existing infrastructure could only support one live event at a time through its centralized control room, preventing simultaneous coverage of multiple games — a growing need across the university's busy athletic calendar. Additionally, since many production roles are filled by students with varying technical experience, the college required a system that would be simple to learn yet powerful enough to deliver professional broadcast results.

## Solution

To address these challenges, Lafayette College adopted Riedel Communications' Simplylive Production Suite (SLPS). This all-in-one live production platform, with its intuitive touchscreen interface, makes it easy for students to operate key broadcast functions such as camera switching, replays, and graphics. Many students become proficient after just one game, enabling them to contribute effectively to real-world productions while gaining hands-on experience.

An additional SLPS All-In-One system, running on a compact, portable server, has further expanded LSN-TV's capabilities without consuming valuable physical space. Thanks to its small footprint, the system can be easily deployed across various campus venues. This flexibility allows Lafayette to stream games from multiple locations at once. Where LSN-TV had previously been limited to broadcasting a single event at a time, the dual SLPS setup now supports simultaneous coverage of concurrent games, providing live streaming capabilities for all of Lafayette's sports teams.

## Result

Riedel's Simplylive Production Suite has transformed Lafayette College's ability to cover and distribute live sports content. The system's intuitive design and compact form factor have empowered student-led teams to deliver high-quality broadcasts efficiently and with minimal training. The expanded capabilities of LSN-TV now ensure that no game goes unnoticed — regardless of scheduling overlaps or venue constraints.

By investing in flexible, student-friendly production tools from Riedel, Lafayette College is setting a new standard in collegiate sports broadcasting — enhancing visibility, building technical skills, and engaging audiences on and off campus.



*"We have a true partner in Riedel. Their staff has been instrumental to our success, and the capabilities they have provided us with have exceeded our expectations. I never would've imagined that we'd have a live streaming control room that could connect through our campus network to any location on campus. The satisfaction we've had with Riedel's equipment was absolutely noticeable from the onset and will continue to be throughout our relationship."*

**Scott Morse**

Assistant VP of Communications  
and Marketing, Lafayette College

# HOW CAN RIEDEL VIDEO SOLUTION...

## Elevate Your Campus Productions?

- Seamlessly deliver live classes, sports, performances, and ceremonies across campus – or to global audiences – with broadcast-grade video and synchronized audio.
- Combine MediorNet's powerful signal routing and processing with SimplyLive's intuitive production tools for a complete, scalable live production workflow.
- Empower students and staff to produce multi-camera live streams, replays, and highlights with professional quality – from stadiums to classrooms.
- Create a connected campus network where video, audio, and control signals move freely and reliably between lecture halls, arenas, and studios.
- Scale effortlessly from a single event to simultaneous productions, all with user-friendly interfaces designed for educational environments.
- MediorNet's built-in glue features – including audio embedders/de-embedders, frame synchronizers, and multiviewers – eliminate the need for extra equipment, reducing system complexity and operational costs.

## PRODUCT SPOTLIGHT

Riedel **MediorNet** combines signal transport, routing, processing, and conversion in a redundant real-time network, built for the rigors of live events large or small. Its distributed design and modular app architecture make it easy to expand and adapt to changing needs, from lectures and ceremonies to multi-venue sports broadcasts. Within the MediorNet family, you'll find all the tools you need for your production – whether it's SDI-centric, IP-centric, or anything in between.



With integrated switching, replay, graphics, recording, and streaming in one system, **SimplyLive** delivers all the tools needed for broadcast-grade content creation. Whether you're running multiple sports games, recording lectures, or producing ceremonies and conferences, SimplyLive's intuitive, touch-based interface empowers staff, students, and volunteers alike to create professional broadcasts with ease. Its scalable, software-based architecture allows institutions to run multiple productions simultaneously – helping you do more with fewer resources.

*"The ability to deploy RefBox across multiple venues with minimal setup time has significantly enhanced our game day operations. We can literally roll it out, plug it in, and turn it on, and it's ready to go, taking just 10 minutes to verify all inputs are correct, with all configurations handled server-side and no user setup required. The simplicity that the RefBox offers is a game-changer compared to our previous solution, which was cumbersome and too expensive to purchase multiple iterations for different locations. With RefBox, we can easily move it to wherever it's needed by connecting it directly to the campus network. And I've been able to walk people through the basics in just five minutes. If you can use an iPad, you can run SimplyLive."*

**Shawn DeWeerd,**  
Video Engineer  
University of Notre Dame



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