



SERVICE ELECTRIC PRODUCTION TRUCK AUDIO UPGRADES



AT A GLANCE

Project Highlights

- Upgraded core audio infrastructure to a Dante-enabled workflow
- Improved in-truck monitoring with new professional-grade speakers
- Enhanced crew communication with a wireless intercom system integrated into existing infrastructure
- Maintained compatibility with existing announcer equipment and mobile rack connections
- Completed full system integration, testing, and validation at AVT prior to deployment
- Delivered a turnkey system ready for immediate field use

Key Products

- Behringer X32 Compact Digital Mixer with Dante Expansion Card
- JBL Control C2PS Compact Speakers
- Hollyland Wireless Intercom System
- Whirlwind Announcer Boxes (x2)
- Integration with existing wired intercom base station and announcer headsets



AVT has been instrumental in our evolution as a live sports production facility. From the expert sales research and advice, the detailed design and integration analysis, and finally to the installation process, we couldn't ask for anything more.

They are always willing to work within our budget constraints and ultimately find a solution that works for everyone. I would, and have, recommended AVT to fellow colleagues and look forward to our next improvement project.

Scott McVicar

SECV8 Production Director
Service Electric Cablevision



OBJECTIVES

The primary objectives of this project were to modernize the audio capabilities within the existing production truck while improving overall clarity, control, and flexibility of the audio workflow. A key focus was strengthening communication between the production crew and on-air talent to support more efficient live broadcasts. At the same time, the solution was designed to maintain compatibility with existing equipment, maximizing the value of current assets while minimizing unnecessary replacement costs. Ultimately, the goal was to deliver a reliable, field-ready system that could be deployed with confidence, ensuring minimal disruption to ongoing operations.

SOLUTIONS

- Replaced legacy mixer with a Dante-enabled system to allow scalable, networked audio
- Upgraded monitoring with JBL speakers for more accurate and consistent sound reproduction
- Implemented a hybrid communication system combining wireless intercom with existing wired infrastructure
- Integrated announcer boxes into current workflows, allowing reuse of existing headsets
- Centralized all installation and testing at AVT to ensure system performance before deployment
- Provided an operational review and system overview by AVT technicians to familiarize SECV8 staff with the upgraded equipment, features, and workflow improvements

RESULTS

- **Significantly improved audio quality and consistency** during live productions, ensuring a more polished on-air experience
- **More efficient and reliable communication** between crew, director, and on-air talent
- **Increased flexibility with Dante-based audio routing** to support future expansion
- **Reduced setup time in the field** with a fully integrated and tested system
- **Better equipped to handle high-quality live broadcast demands**, enhancing overall production performance



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