



One Dante network, many AuviTran possibilities

A reliable, scalable network audio system for stadiums

ATC trusts AuviTran to deploy a powerful audio network in confidence for Stade de Bordeaux



THE NEED

In 2023, the Bordeaux Atlantique Stadium hosted several matches of the Rugby World Cup. To accommodate all audiences, the stadium designed and implemented an audio description system for visually impaired spectators, allowing them to receive instant commentary via audio headsets. Capitalizing beyond this specific need, the addition of networked audio equipment to the usual installation enables Bordeaux Stadium to open broader perspectives regarding future events, and trigger new projects by providing an extensive and reliable audio coverage.

THE CHALLENGE

The installation of an ad-hoc, live commentary equipment for a specific audience requires adjustments to the existing infrastructure: the control room, seater area and commentator booths dedicated to audio description are physically distant from each other and lack audio connexion. Additionally, this supplement to the usual audio network should be sustainable and scalable to support the development of future projects for the Bordeaux Stadium. Therefore, the integrator has been tasked with finding and deploying a system capable to sustain the expansion of Bordeaux Stadium audio capabilities. As this vibrant venue hosts many events throughout the year, the audio system should meet requirements pertaining to seminars, corporate meetings, and more.

“Collaboration with AuviTran has many advantages, their tailor-made support ensures a smooth and stress-free launch of a reliable audio system.”

Sylvain Brottes, ATC

THE BENEFITS

- Reliable and effective Dante network
- AuviTran AVBx7 enhances scalability
- Robust hardware with a proven track record
- Smooth and trustworthy AuviTran support

THE SOLUTION

To address the immediate Stade de Bordeaux challenge, ATC opted for an AuviTran solution based on the existing Dante network at the stadium: one AVBx7 ToolBox equipped with AxC-Dante cards is installed in the control room and connected to a mobile AVBx3 ToolBox dedicated to one-off events. This combination enables the audio connexion of all rooms and spaces within the Stadium arena. The addition of AuviTran DSP cards to the ToolBox reinforces the security by physically isolating each network, hence protecting audio streams between control room and commentator, while maintaining the network infrastructure's integrity for all the stadium spaces.

By choosing a ToolBox AVBx7, the stadium management not only solves the immediate audio challenge but also anticipates the stadium's future audio needs, increasing the connexion capacities and compatibility options with other network audio protocols (MADI, AVB, etc.). Additionally, a specific Dante VLAN network is set up to guarantee the absence of interferences on the audio network.

AuviTran Dante solutions ensure an exceptional audio experience for visually impaired spectators, and paves the way for future broader audio applications for Bordeaux Stadium.

