



## JUNCTION CITY HIGH SCHOOL ATHLETIC FACILITIES



Junction City High School recently updated the sound reinforcement and audio-visual systems for their Varsity Gymnasium and Football Stadium.

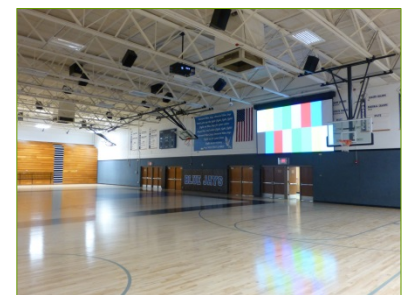
### **AVANT ACOUSTICS provided the following services:**

- Sound reinforcement system design
- Audio-visual system design
- On-site system commissioning including operator training and assistance during the first use

### **Project Highlights:**

AVANT ACOUSTICS developed several options for loudspeaker locations for the Football Stadium, eventually deciding with the school on a design that covers both the home and visitor stands from a structure located beside the visitor side stands, reducing spill into the nearby neighborhood. A portable loudspeaker system complete with 14 wireless microphones was also designed to supplement the installed system during commencement ceremonies and other District events.

The Gymnasium systems included the addition of two 243-inch diagonal projection screens with high-definition projectors in a protective steel cage, and a new loudspeaker distribution system, complete with sub-bass loudspeakers, for high-impact music playback and intelligible sports announcements.



**Project Location:**  
Junction City, Kansas

**Facilities:**  
Football Stadium and  
Gymnasium

**Client:**  
Schaefer, Johnson, Cox, Frey  
Architecture

**Designer:**  
John M. Hodgson