

WICHITA DWIGHT D. EISENHOWER NATIONAL AIRPORT



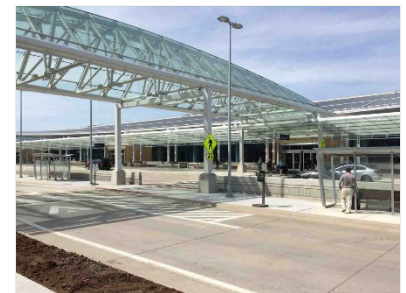
Wichita, Kansas, is “the Air Capital of the World” because of its long history of aircraft design and manufacturing, now has a terminal worthy of its heritage. With 12 gates, ticketing and baggage claim halls, and security screening areas, the new 273,400-square-foot terminal is LEED-certified and can accommodate 2.4 million passengers.

AVANT ACOUSTICS provided the following services:

- Room acoustics consultation
- Architectural and mechanical noise control
- Audio and video communication (paging) system design
- On-site system commissioning including operator training

Project Highlights:

Through a 10+ year design process, AVANT ACOUSTICS worked closely with the project architects and engineers to ensure a comfortable acoustical environment with an integrated audio and video paging system. The computer-controlled, network-based paging system meets current needs while allowing for future reconfiguration and expansion. Dedicated microphone paging stations and a system of ceiling-mounted loudspeakers provide intelligible announcements throughout the terminal. The visual display of prerecorded general messages and flight announcements enable communication with deaf or hard of hearing passengers. Audio levels are adjusted automatically based on ambient noise sensors.



Project Location:

Wichita, Kansas

Facilities:

New Terminal Building

Client:

HNTB

Designer:

Edouard G. Charland