

## NEW CENTURY ADULT DETENTION CENTER



After receiving complaints about loud, echoing noise in the dayrooms and interview rooms at this detention center, Johnson County contacted AVANT ACOUSTICS for help.

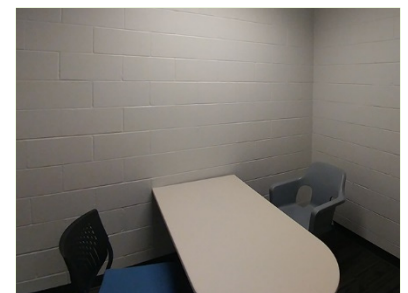
**AVANT ACOUSTICS provided the following services:**

- Acoustical consulting and noise control
- Comparative acoustical study

**Project Highlights:**

AVANT ACOUSTICS performed a site visit to measure reverberation times and examine the acoustical characteristics of the spaces. After analyzing the results, AVANT recommended low-cost absorption products for installation on various surfaces in the Dayrooms. These changes were calculated to decrease the reverberation time in the rooms from 6.8 seconds to 1.1 second.

For the Interview Rooms, AVANT determined that the acoustical issues could be solved with an inexpensive off-the-shelf kit that the County could install without the aid of a contractor. The kit included door seals and acoustical wall panels.



**Project Location:**  
New Century, Kansas

**Facilities:**  
Dayrooms, Interview Rooms

**Client:**  
Johnson County Facilities Management

**Designer:**  
John M. Hodgson