



## ABOUT GOLDEN OAKS

Located in Shafter, Ca Golden Oaks is a K-6 School and part of the Richland School District.

## THE CHALLENGE

Serban Sound was tasked with designing and implementing an user friendly, scalable multi-purpose room. The audio and video system was specifically engineered for multi-use school functions as well as district board meetings. The system needed to support everyday functions; such as playing DVD's, listening to music, microphone use for students and fulfilling requirements for district board meetings. District staff conveyed the importance to Serban of the ability to wirelessly display laptops and smart devices through the overhead projector at board meetings. Golden Hills also wanted to record audio from meetings to be reviewed, documented and saved for later dates.

## THE APPROACH

A detailed site visit, room survey and customer interview were all that Serban required to do a proper usage analysis. After gathering information, Serban began engineering a custom system based on the site and client requirements.

## THE RESULT

Serban installed an easy to use, expandable system with an touch panel interface. An overhead projector with the properly calculated brightness was selected for the room. The Audio Video system was configured to display media such as Blu-Ray discs, laptops, tablets and smart phones wirelessly. Serban Engineers used room dimensions, acoustic treatments for speaker selection and placement to come up with the best possible sound coverage. The amazing sound is delivered through a set of Bose flex array speakers. The digital signal processor ensures that the audio sources are routed to correct components at the proper levels. Paired together this type of audio design helps to eliminate microphone feedback. Eight stand alone wireless microphones and a digital network recorder were installed to capture the audio from the district board meetings. All features of the professional grade system are controlled through a easy to use Creston 7" touch panel.

