

Pentegra Systems Client Spotlight - A/V Systems



Village of Lisle Lisle, IL



Client Profile

The Village of Lisle is a growing progressive community in Chicago's western suburbs that had outgrown its Village Hall which had been operating out of a small converted school building. After the successful construction of a new Police Department headquarters, the Village decided it was time for a new Village Hall. Work began on a new Village Administration Complex in the heart of downtown Lisle. The plans called for state-of-the-art audio and video presentation systems for the new Village boardroom and executive session room. The Village's needs included top quality television recording and broadcast equipment for their weekly board meetings which are rebroadcast on a Comcast cable access channel. The solution for the Village's needs was implemented through a partnership between the AV design team at the Talaske Group, the engineering and installation of Connelly Electric and of course, the expertise of Pentegra Systems.

Main System Components

- Sony CCD High-Resolution Cameras
- Non-Linear Video Editing Station
- Multiple DVD Bays
- Multiple LCD & Plasma Displays
- Sharp LCD Projectors
- EAW Loudspeakers
- Crestron
- Serial-Controlled Camera Mounts
- Touch Panel Control System



"The A/V systems work exceptionally well, are easy to control and have greatly improved our multimedia efficiency. I always recommend Pentegra to anyone looking for similar capabilities."

-Village of Lisle GIS Manager

Pentegra Systems' Solution

Paramount to the new Village Hall boardroom A/V System was the capability to rebroadcast weekly Village meetings. Pentegra engineered a system using high-resolution Sony cameras manipulated by Crestron serial camera mounts. The cameras record to a non-linear editing station running Pinnacle Liquid Purple software. The NLE is used to edit and compile a DVD which is used to rebroadcast the meetings. The rebroadcast system consists of multiple DVD bays commanded by an automatic controller from Tech Electronics. The boardroom video is provided by a rear projection video screen and multiple LCD and plasma displays. Pentegra installed inputs for voice-activated microphones and video inputs throughout the boardroom. A Crestron LCD touch screen simplifies the operation of the entire system. Audio reinforcement is provided by a line array loudspeaker and distributed ceiling speakers by EAW. The Village hall also features an executive session room which uses Crestron controls, EAW loudspeakers and Sharp LCD projection. Working closely with the facility designers, contractors and the Village of Lisle, Pentegra Systems was able to integrate a system that fulfilled all of Villages needs.