



Original concept of new 52,000 sq. foot facility in West Seneca, NY



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Background

The SPCA Serving Erie County, located in Western New York in the suburbs of Buffalo, is the second oldest humane society in the United States, founded in 1867. This year marks the 150th anniversary of the organization. After approximately 50 years in its current facility there was a strong need to update the facility to meet modern certification requirements and to better meet the needs of the animals, employees, volunteers and community at large which it serves.

Groundbreaking took place on May 16th, 2016 and the official Grand Opening was in May, 2017.

Scenario

SPCA chose **ACP Technologies** to complete the general IT fit-out for the new facility. ACP, as the overall project manager and installer, sought to provide a system that made maximum use of current IP technology, while also being mindful of the budget constraints inherent in the project. As a non-profit organization, SPCA does not receive any funding from local, state, or federal governments, and is entirely dependent on donations, so it was paramount to keep the costs of the project as reasonable as possible.

This is the reason that **ACP chose Cyberdata equipment for the speaker/pager/public address portion of the project, as it provided the best combination of quality, capability, flexibility, and value for the project.**

Relevant points regarding the Cyberdata equipment used included necessity for:

- General paging and music to be played over the speakers, with very good sound fidelity
- Zone paging that would allow music to be played in some areas, and paging only in others with a "Page All Areas" function as well. This is accomplished with CyberData's 011146 SIP Paging Server.
- Flexibility to modify or change zones over time, and easily adjust volume
- Integration closely with a VoIP phone system, allowing paging from any phone
- The 52,000 sq ft facility, including two "out-buildings" located almost 300 feet from the main building, could be covered by approximately **60 011394 SIP speakers**, of which 30 would be IP "Master" speakers, connected to 28 011121 **Auxiliary Analog speakers** and two would be **011068 Horns** connected to our **011324 Paging Amplifier**.



011146 SIP Paging Server w/
Bell Scheduler



011394 SIP Speaker

011121 Auxiliary
Analog Speaker,
daisy chained off of
SIP Speaker



011324 Paging Amplifier,
shown with 011068 Horn
– for loud paging

The SPCA wanted a cost-effective system, which was obtained by:

- Pairing each "Master" SIP speaker with an associated Auxiliary Analog Speaker, **lowering system costs by approximately 40%**
- The use of **PoE IP speakers**, which reduced wiring costs by eliminating a separate power source for each speaker
- The **competitive pricing and exceptional value offered by Cyberdata products.**

Cyberdata was also chosen due to the exceptional product support offered during the design and configuration phase of the project – ensuring that the components met the requirements of the customer and also integrated well with the other equipment in the IT network. In addition, the easy programmability through a web-based interface, security features, and low PoE power budget were also favored by the technicians designing the project.