



TCS Basys Controls® & Wichita Contractor Don't Monkey Around

TCS Basys Controls Case Study

Some individuals at the office are more demanding than others. Everyday they want things a certain way. And if things aren't the way they are supposed to be, these individuals can be very difficult to work with. You know the kind. You may even work with such a person right now. He likes structure at work. He has a set, daily routine. He is very demanding about his office. He likes it warmer in his office. And he wants his office to a little higher humidity than others might prefer. It's just the way he works.

And why not, he's a 500 pound lowland gorilla named "Shango" at the Sedgwick County Zoo.

The Sedgwick County Zoo in Wichita, KS is very satisfied with the job done by Piping & Equipment Company of Wichita and TCS Basys Controls in creating a "work" environment that presented challenges not normally found in a typical office building. Animals like Shango are the reasons the Zoo is looking for good environmental control. Pat Blake of Piping & Equipment describes the situation, "Certain buildings at the zoo need to have a constant air temperature between 70 and 85 degrees year round with a constant humidity level. To accomplish this task, we use controllers and stats from TCS – they are very easy to use and their hardware provides us and the Zoo with the best value in the industry."

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Piping & Equipment installed TCS Basys Controls controllers and sensors (sz1143b, sz1017a, sz1051, ts2000, ts3001 and ts1003) to meet a variety of applications across the Zoo. The Zoo also uses TCS Basys Controls' Revelation Professional system. Pat Blake of Piping & Equipment

describes the installation process, "TCS was very helpful in getting their products installed at the Zoo. They sent several of their account people to train our staff and the staff at the Zoo on their equipment with several days of on-site, hands-on training classes which helped a lot."

Since expansion of the Sedgwick Zoo's HVAC installation is dependent on donor contributions, the installation by Piping & Equipment is following a staged rollout with the goal to eventually outfit the entire zoo. The Sedgwick Zoo is also a prime candidate for retrofitting to TCS Basys Controls' enterprise management product – Ubiquity. As the leading building management system, Ubiquity would offer facility managers at the Sedgwick Zoo the ability to handle and maintain sites from the Jungle to The Downing Gorilla Forest and the African Veldt Building and all others

remotely or on-site through a standard Web browser. With Ubiquity, Sedgwick Zoo could make network configuration changes, create and maintain site schedules, monitor live data from individual controllers, and create and view reports and graphs of trended data. Energy management options allow for curtailment routines based on outdoor air temperatures, along with kilowatt/hour

consumption monitoring for peak saving, energy audits and energy aggregation across the entire enterprise. And anything else needed to meet the requirements of customers like Shango.

Piping and Equipment Co., Wichita, KS, founded in 1946 is a fully trained and certified heating, ventilation, air conditioning, plumbing, pipefitting, boiler system, and refrigeration contractor. The Sedgwick County Zoo, Wichita, KS founded in 1971 is a nationally renowned zoo and is the 18th largest in the US.