

CITY OF ERLANGER, KENTUCKY

DESIGNING INTELLIGENT SYSTEMS TO CREATE SMART BUILDINGS.

Just south of the Ohio River, the Erlanger Municipal Center houses vital functions for the city's 18,000 residents, so it's imperative that operations are able to continue uninterrupted, even during an important upgrade project.

The facility in Erlanger, Kentucky, was losing control of its HVAC equipment. Its 13-year old systems were failing and officials were unable to maintain proper, consistent temperatures.

At the facility, the Municipal Operations, Fire and Police departments were all running on equipment that was on its last legs. In addition to temperature issues, the aging equipment was breaking down more frequently, and not only were component parts difficult to find, they were significantly more costly than off the shelf replacements for newer systems.

After assessing the situation, Air Force One designed a plan to remove the aging equipment and replace it with a new Building Automation System, all while keeping the facility and its critical functions fully operational.

The new intelligent system has reduced energy consumption, as well as improved critical infrastructure at the facility. Additionally, municipal officials can now monitor the system remotely from any internet connected device.

This upgrade has resulted in significant cost savings, enhanced responsiveness, greater stability and more sensitive controls to monitor the system, even from home.

