



SYSTEM UPGRADE SETS STAGE FOR UNIVERSITY FIRE PROTECTION

Honeywell Farenhyt Series IFP-1000ECS

The Needs

- **Addressability** – when something happens, staff members need to be able to identify the location of the event and determine severity.
- **The integration of multiple features into one system** to simplify design and installation.
- **A system capable of outfitting the building's domed ceiling**, reaching 52 feet at its peak, with speakers and speaker strobes.



The Solution

At 26,000 square-feet, the newly renovated Prather Coliseum at Louisiana's Northwestern State University (NSU) is the largest facility in its parish (county). When the building's fire alarm system was found to have unrepairable issues, the facilities team turned to Fire Tech Systems, a fire protection consultant, for some much-needed updates. It started as a quick fix, but the project quickly transformed into a large-scale system expansion and overhaul.

Since NSU was in the process of renovating the facility and increasing its seating capacity, the team decided to upgrade its fire protection and voice evacuation system at the same time. Fire Tech Systems chose System Sensor's integrated mass notification system to get the massive job done – in only two months.

"We like the panel's ease of installation and programming, capability to expand, and user-friendliness for the operator," states Ronald J. Case, Senior Project Manager of Fire Tech Systems. "The three-year warranty was another big plus."

Not only did the new system bring NSU's fire protection up to code, but the coliseum went from only 6 pull stations and 2 horns, to more than 175 notification devices, 73 detectors, 16 pull stations, and 85 modules for integration into other building equipment.



“We have a long-running relationship with System Sensor and have never found anything comparable to the sound quality. In addition, they’re economical products and we can pass those savings down to our end-user.”

Project Manager, Fire Tech Systems

Benefits

- An economical system that can be easily upgraded as code requirements or facility changes transpire.
- Smart placement of speakers reduces distortion during an emergency event.
- The IFP-1000ECS is fully-supervised, so if a speaker or detector is in need of repair or completely offline, the central monitoring station and NSU facility management are automatically notified.
- Relays are incorporated into the addressable duct detectors for HVAC shutdown and heat detectors are installed outside the shower area to keep humidity from tripping smoke detectors, minimizing false alarms.
- The modern fire alarm and emergency communications system, combined with expanded seating and a new hardwood floor, give the coliseum a fresh, new look.