

Case Study: Empire State Building

Waterflow Detectors, Supervisory Switches



One of the world's most iconic buildings, the Empire State Building in New York City, will feature the latest innovation and technology to improve safety for the millions of tourists and thousands of office workers who frequent the high-rise annually.

Fire sprinkler products will be an integral part of a major retrofitting of the building's existing fire protection system. Although the high-rise has fire hoses, detectors and alarms, this project will provide the 77-year-old building with its first automatic fire sprinkler system from Honeywell Life Safety.

When the Empire State Building first opened on May 1, 1931, it was the tallest building in the world, standing 1,250 feet tall. Despite its unprecedented height, the building was not required to have an automatic fire sprinkler system. More than seven decades later in this post-9/11 era, building safety requirements are changing. Every high-rise building in New York City must have a fire sprinkler by 2015 to meet new, stricter city fire safety laws.



System Sensor, part of Honeywell Life Safety, is helping the Empire State Building modernize its fire safety system to meet the new building codes by supplying critical devices for fire sprinkler system monitoring.

Sprinkler systems monitoring assures operation

Waterflow detectors will signal the fire alarm control panel when water begins to flow in the fire sprinkler system. Waterflow detectors monitor the flow of water to sprinkler heads with a specially designed paddle and are extremely useful as security and safety tools because they help prevent sprinkler malfunction. System Sensor supervisory switches will monitor the open position of valves in a fire sprinkler system and alert the fire alarm control panel if valve tampering or incorrect settings are detected.

For more information, visit www.systemsensor.com/wf.



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