

A2 - CNN Exclusive News Channel Affiliate

Fire Protection and Suppression



A2 CNN is supported by intelligence units located in other cities in Albania and in the region. The new television station, A2 CNN, aims to raise standards of news production and distribution to change the media reality in Albania by providing a fast, in-depth, accurate and reliable source of information.

The Outcome: Fire Suppression System with Minimal Damage to IT Hardware

The Force 500 Sevo System solution supplied by CSP also has a highly desirable and respected environmental profile, particularly when compared with other gaseous suppression systems on the market. Novec 1230 Fire Protection Fluid has zero ozone depletion potential, a global warming potential of just one and a short five-day atmospheric lifetime, and so does not have any appreciable impact on climate change. It also has a large margin of safety for occupied spaces thanks to its low design concentration.

- Reduces risk of downtime and helps maintain business continuity in the event of a fire.
- Clean, leave behind no residue.
- Cost effective engineered system, providing maximum protection.
- Sustainable technology providing an environmentally-conscious solution

The Challenge: IT System Fire Protection

A2 - CNN was looking for reliable fire protection solution in case of an fire event. Due to critical and expensive equipment's (electronic equipment's, servers, storages), a friendly environment fluid protection was a must.

The Solution: Fire Suppression & Control via Fluid Clean Agent Suppression System

CSP installed a solution that ensures a reliable, swift and effective response to a fire, one that causes no damage to the delicate electrical equipment being protected and enables a fast clean up after a fire. It was also imperative that this solution should not endanger the lives of any occupants of the server room that might be present if a fire breaks out. Unlike an inert gas systems, Novec 1230 is stored as a low vapor pressure liquid that, when discharged, converts into a colorless and odorless gas.



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Clean Agent Characteristics Defined by NFPA 2001

- They are volatile, non-conductive gases.
- They leave behind no residue of any kind.
- They are safe for use in occupied areas when properly designed.
- They are environmentally acceptable to the EPA

Novec 1230 Fire Suppression Systems can protect

Data Center / Telecommunication / Power Generation and Transition / Military / Oil and Gas / Museum, Art, and Archives / Medical Center / Industrial / Aerospace / Automobiles / Manufacturing

It is electrically non-conductive, leaves no residue following discharge and, significantly, requires a quarter of the storage space, which is an important consideration in a hospital environment where space is always at a premium.

How does Novec 1230 fluid work?



Novec 1230 fluid extinguishes a fire before it starts by rapidly removing heat. In a typical total flooding system, the fluid is stored as a liquid in cylinders pressurized with nitrogen. Automatic detection sensors trigger release when the fire is at the incipient stage, extinguishing it in mere seconds. Novec 1230 fluid evaporates 50 times faster than water. In fact, you could soak a paperback book in a bath of Novec 1230 fluid and within a minute, pick it up and read where you left off.