

## Standby UPS Generators Retrofit Project

Client:  
Bloomberg

Location:  
London -UK

Consultant:  
Norland  
Managed  
Services

Project:  
Standby UPS  
Generators

Project By:



Type of  
Protection:  
Total Flood  
Room

Fire Protection:

**FP-3000**

**NORLAND**

**Bloomberg**

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### Type of Protection:

Under current standards all pressurized fire suppression systems require a mandatory hydraulic pressure test every 10 years; this adds to the ongoing cost of ownership for all pressurised gas suppression systems.

**FirePro** systems have a manufacturer's certified working life of 15 years relatively maintenance free, so the cost of having a system installed is greatly reduced.

Its modular design is unique and makes it suitable for system extensions, in cabinet protection and various applications that traditional pressurized gas systems will find difficult to match.



### The Task:

To replace water mist fire suppression system with a **FirePro** condensed aerosol fire suppression system in roof level UPS rooms.



We **identify** risks - We **design** solutions - We **prevent** disasters

## Risks Involved & Consequences:

As with most fires there will always be a variety of materials that may have combusted and dependent on the stage of the fire – the **FirePro** Units will extinguish fire – without producing any harmful effects to assets and human lives.

Furthermore, fire damage and the consequential undue and prolonged interruption to the functioning of equipment used in critical procedures had to be avoided.



Protected UPS Generator Room

## Solutions:



**FP-3000**



**Controller**

All **FirePro** units are manufactured under strict quality and environmental management standards according to international standards and requirements.

## Results & Implementation:

When the water mist systems in their UPS rooms in the City of London were due for a mandatory 10 year hydraulic test **FirePro** was proposed as a more efficient and lower cost option.

Description/Details	Quantity	Type
<b>Fire Protection Units</b>		
Total Flooding (Room)	8	<b>FP-3000</b>
		<b>FP-1000M</b>
<b>Fire Detection / Alarm System</b>		
Co-Incidence Controller		

## Advantages of **FirePro**:

- certified environment friendly “green” fixed extinguishing solution
- no harmful residues or deposits
- does not produce harmful or toxic gases when in contact with a fire
- does not reduce oxygen content within risk when discharged
- leading certified condensed aerosol product – represented in 70 countries
- no pressurised gas cylinders
- fully modular, protects the smallest risk to total flooding application
- installed in less time than conventional gas extinguishing systems
- rapid deployment & re-installation in hours to re-arm – not days
- wall or ceiling mounted for room applications, Installed inside risk also
- no gas pressure reduction arrangements to facilitate gas release
- no risk of operative injury - such as accidental cylinder detonation
- no distribution hydraulic design, pipe fabrication, or installation

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