

## Electrical Panel protection of Paphos General Hospital

Client:  
Ministry of  
Communication  
and Works

Location:  
Paphos - Cyprus

Project:  
  
Paphos General  
hospital



In mission critical machinery of any kind, a fire can create havoc and disastrous consequences.

This is exactly what was avoided when an electrical panel overheated and caught alight internally at Paphos General Hospital.

The fire was discovered, was tackled and extinguished locally using **Firepro** units, avoiding the total write off of the panel and the severe damage that would have been caused.

Project By:

**FirePro Cyprus**

Type of  
Protection:  
Local Protection  
of Electrical  
Panels

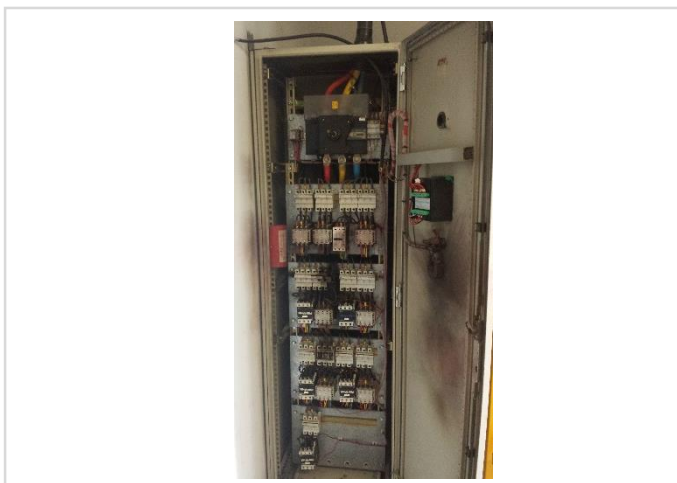
Type of Protection:

Optimum fire cover was a total success after this incident; **Firepro** has proven that was the obvious choice to provide the Local in cabinet fire detection & fixed fire suppression for the protection of the room. This was achieved with modular **Firepro** units that fitted directly into the cabinet.



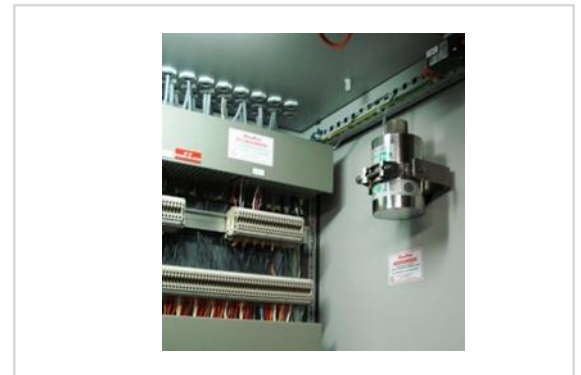
Fire Protection:

**FP-20S**  
**FP-80S**  
**FP-100S**  
**FP-200S**



The Task:

Design, supply, install, commission, and maintain fire protection in electrical panels with **FirePro** extinguishing units.

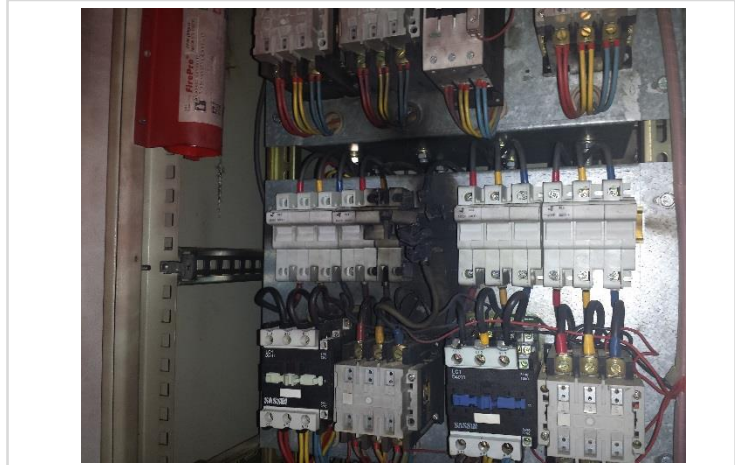


We **identify** risks - We **design** solutions - We **prevent** disasters

## 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 extinguished 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 was avoided.



## Solutions:



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

## Results & Implementation:

With no pipe to install - No footprint for gas cylinders – No major Health & Safety Issues to worry about – **FirePro** was installed with linear heat sense cable, which provides a rapid early warning of fire, instantaneous release of internally installed **FirePro** fixed fire suppression

All panels were fully protected, installed, commissioned and demonstrated in one day at low cost of ownership, and extremely reliable & proven fire extinguishing capabilities.

Description/Details	Quantity	Type
<b>Fire Protection Units</b>		
Cabinets	57	<b>FP-20SE</b>
Cabinets	3	<b>FP-80S</b>
Cabinets	2	<b>FP-100S</b>
Cabinets	2	<b>FP-200S</b>
<b>Fire Detection / Alarm System</b>		
Thermocord	80 m	<b>FirePro</b>
FPC4	2	<b>FirePro</b>
Linear Heat Detection	5 m	<b>FirePro</b>

## 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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