

FirePro.

Smart Park



Location: **Europe** Representative: **FirePro Hellas SA**

Application: **High Voltage Rooms, Diesel Generators Rooms** Industry: **Retail**



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Smart Park is the first retail park and the largest commercial area in Greece. Many brands are presented in a retail area that covers more than 50,000 square meters. This unique Mall is distinguished for its architecture and its outdoor activities. The open cinemas, restaurants and Greece's fantastic weather makes it a unique experience. The park is owned by REDS S.A. which operates in South-Eastern Europe.

FirePro Systems Used

FP-1200S

FP-2000S

FP-3000S

FP-5700S

Risks Involved & Consequences

Human error, combustibles, electric short circuits and mechanical failures are common causes of fire related incidents. The low, medium and high voltage substations along with the diesel generators are key equipment for the smooth operation of the premises. Consequently, Smart Park Engineers want to protect these assets from fire and avoid any possible collateral effects. These might include, health and safety concerns, insurance premiums, brand damage and business continuity.

The Task

Design, install and maintain a fire detection and suppression system in order to protect the Electrical Substations & Diesel Generator rooms from fire. Typically, these enclosures are remote and are very small in size. Thus, the technology had to be compact, modular and effective against an A class related fire (solids). It should also require little maintenance and be ecologically friendly. Smart Park takes a strong stand in its Health & Safety and environmental values. The systems need to autonomously monitor and protect the enclosures from various fire scenarios.



Why FirePro?

FirePro's compact and highly efficient generators along with its popular complementary components allow experts to design effective fire suppression systems even in small enclosures such as Electrical Substations and Diesel Generator rooms. Moreover, the generators have a certified 15-year lifetime, no re-filling and very low maintenance requirements. What's more, the FirePro condensed aerosol generators are effective against many classes of fire (Including Class A). Finally, the technology poses no active threat to operators and will remain environmentally friendly even after activation.

Results of Implementation

FirePro detection and suppression systems have been installed to both the Electrical Substations and the Diesel Generator rooms throughout the Smart Park. Potential fires can now be detected and extinguished at an early stage while the fire alarms notify operators over the fire hazard. All systems can be easily reached providing an easy and non-disruptive maintenance process. Likewise, there are no Health and Safety issues to concern operators. Furthermore, FirePro Generators have a 15-year certified lifetime and low maintenance requirements. These attributes maximize ownership benefits and value.

