

FirePro.

UK & IRELAND

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Case Study: **Tottenham Hotspur Football Club** • Client: **Knox Fire**

Project

Tottenham Hotspur
Football Club – FirePro
Fire Suppression System

Challenges

Effective & efficient fire
suppression of key assets,
namely 2 x CAT diesel
generators that are
required to operate
on each and every
match occasion.

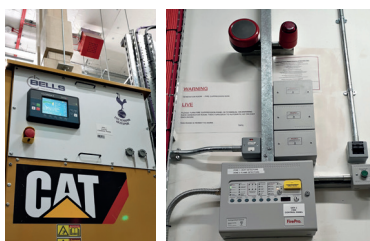
Client Comment

*"We continue to use
FirePro as an alternate
to pressurised gas for
a number of positive
reasons, when the
application is right.
This was precisely
the right application"*

Knox Fire MD Guy Briscoe

Why FirePro?

The Tottenham Hotspur Stadium is a £850M development in north London, and home to premiership football club, Tottenham Hotspur. The new stadium is one of the most technologically advanced stadiums in the world with a capacity of 62,303, and unique as there are two pitches, one for football and one to host NFL American Football. Protection for stadium back up power is vital.



Four new substations deliver power to the stadium and provide a high level of resilience, which is backed by two CAT diesel generators that are required to operate on each and every match occasion. The stadium power switchgear comprises of over 55 sub distribution boards and over 680 distribution boards. demands for power include for a data centre, ticketing, boilers, chillers, pitch automation, DALI lighting system, also 2,300 special lights that enable the grass to grow whilst the football pitch is retracted under the stadium.

Knox Fire were employed to provide the automatic fire detection and fire suppression system, and were able to make the case for the numerous unique advantages for the FirePro fire suppression product. The installation and commissioning was completed within 14 days.

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Knox Fire joined as a FirePro distribution partner in 2017, and have since undertaken numerous FirePro system installations. During the stadium design phase, Knox were requested to provide competitive proposals for a suitable fire suppression system solution to protect the two diesel generator rooms, naturally FirePro was the first choice, and after demonstrating fitness for purpose to the professional team, received the order to design, supply, install, commission, hand over and maintain two new FirePro suppression systems.



In addition to the stand alone systems, there was a requirement for interfaces from the fire suppression systems to signal various plant, BMS, fire alarms and the like, all in accordance with the premises fire strategy. This was easily achieved with the Kentex Sigma XT control and indicator panels that formed part of the system.

If you would like to learn more about FirePro, or contact the system installer for this project, please visit us at www.fireprouk.com – see contact details below.



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