



**Data centres are essential for all digital interactions; whether for business, entertainment or education, every internet search, download and mobile phone interaction is recorded in a data centre.**

As the reliance on technology becomes more prevalent in today's society, the demand for digital data also continues to grow and with this, the need for more data centres around the world has flourished.

Developments in technology, and demand for more information at a faster speed means nearly every individual's professional and personal life is dependent on a healthy ecosystem of data centres. If a server was to go down, or fail for some reason, the consequences could be costly and in some cases detrimental to the successful running of a business.

It is therefore essential that data centres are protected against fire using the most sophisticated and advanced fire protection systems to ensure down time and damage in the case of a fire is negligible and disruption minimal.



At Tyco we are passionate about providing the right fire protection solution for the right environment. To support this Tyco Fire Protection Products have released a white paper that aims to inform consultants on the types of fire protection solutions available for the data centre environment.

The paper outlines the essential part fire detection plays in protecting the data centre from fire damage. It describes how Tyco's highly sophisticated Triple Sensing Technology, used in our Generation 6 Detectors can accurately detect real fire risks early, to ensure the suppression system is activated in a timely and precise manner.

Alan Elder, Tyco Fellow for engineered systems explains: *"The mitigation of fire risks in datacentres has become a top priority for Tyco along with the ability to provide the right solutions to reduce the risks of extensive fire damage and downtime."*

*"At Tyco we have the technology to provide a consultative approach where we consider all the fire risks within the datacentre environment and develop a number of innovative solutions. The whitepaper provides a detailed overview of all the alternative technologies from Tyco and compares the relative merits, costs and environmental influences of each. We have also provided some guidance on what should be considered when carrying out a risk assessment for the environment and how to select the right type of solution based on the space available and the insurers requirements."*

[Click here to read the white paper.](#)