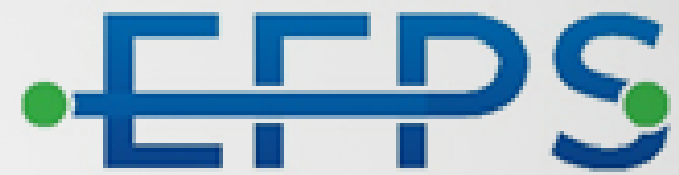


SAO INNOVATION

Sao Innovation Limited was registered on 11th January 2021 with one specific aim; to eradicate fires in buildings and products caused by electricity. Research started on the 14th June 2017 with the driver for the creation of Sao Innovation being the London Grenfell Tower fire disaster where 72 people lost their lives, the fire starting due to an electrical fault within a fridge freezer.

There are many reasons electrical fires start within any building and any product that uses electricity, which can be divided into 5 categories:

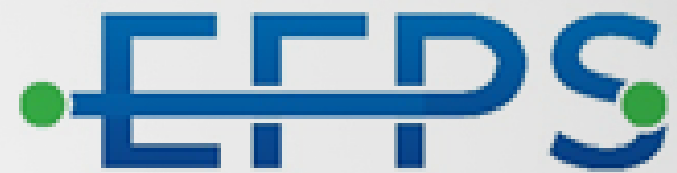
- Component failure
- Wear and tear
- Misuse
- Human error
- Poor quality products



ELECTRICAL FIRE PREVENTION SYSTEMS



The challenge for Sao Innovation was to invent a system and product that would take account of all the above fire risk areas within any building or product. The Electrical Fire Prevention System and the Intelligent Conduit invented by Sao Innovation was created to eradicate electrical fires cause by any of the above reasons. The system and product have been approved by the UK patent office as innovative with the patent certificate for the UK received July 2021.



ELECTRICAL FIRE PREVENTION SYSTEMS

Sao Innovation has worked with the Manufacturing Technology Centre Coventry, University of Wolverhampton, and currently with the University of Birmingham (AMCASH, Digi-Rail (SI Science to Industry) & ATETA) in developing the EFPS project and products. The EFPS Innovation was shortlisted for the UK Electrical Safety Innovation Award 2021. Sao Innovation has been accepted by Siemens Solid Edge for Start-ups programme for ambitious start-ups to partner with across the engineering design and manufacturing space using the Siemens leading-edge innovative software.

