



...making excellence a habit.™

BSI testing and certification for smart and connected products for the fire industry

Build trust, manage risk and embrace opportunity



Build trust in your products – smart and connected products for the fire industry

The Internet of Things (IoT) can help transform our ability to prevent and fight fire, make buildings safer and ultimately save lives.

As the costs of connectivity and sensors fall, the use of IoT enabled devices is growing. In the fire industry the IoT is increasingly being recognized as a way to help improve safety by embracing the power of technology.

In the built environment, the increased use of IoT enabled devices and components for fire safety systems can help identify where a fire has started but it can also identify how quickly it will spread.

Connected fire fighter equipment can help transmit information such as the temperature or the location of a fire. It can also be fitted with cameras, enabling crews in the field to stream back vital information to a central command unit involved in coordinating a fire fighting operation.

And in the home, smart devices can link a fire alarm or a CO detector to other home appliances. If a fire or CO is detected by one of these devices, then ignition sources can be cut off preventing a dangerous situation from occurring.

However, all connected products, including those designed to help prevent, detect and fight fire are vulnerable to external threats. Cybersecurity presents a significant challenge. The increasing awareness of security problems can create a lack of trust in IoT connected devices and reduce business confidence in the return on investment of this technology.

At BSI we focus on delivering a testing and certification partnership underpinned by quality, safety, reliability and trust. As a global organization we have the scale and reach to support organizations large and small and in our dedicated state-of-the-art IoT laboratory our experts provide fast, effective testing for a huge range of IoT products.

BSI has a world-class cyber security capability, recognized by CREST global accreditation, combined with decades of experience in testing and certification of fire detection and suppression products. We help you embed trust and confidence in your customers by supporting you in ensuring your products are safe, secure and compliant.



Services we offer

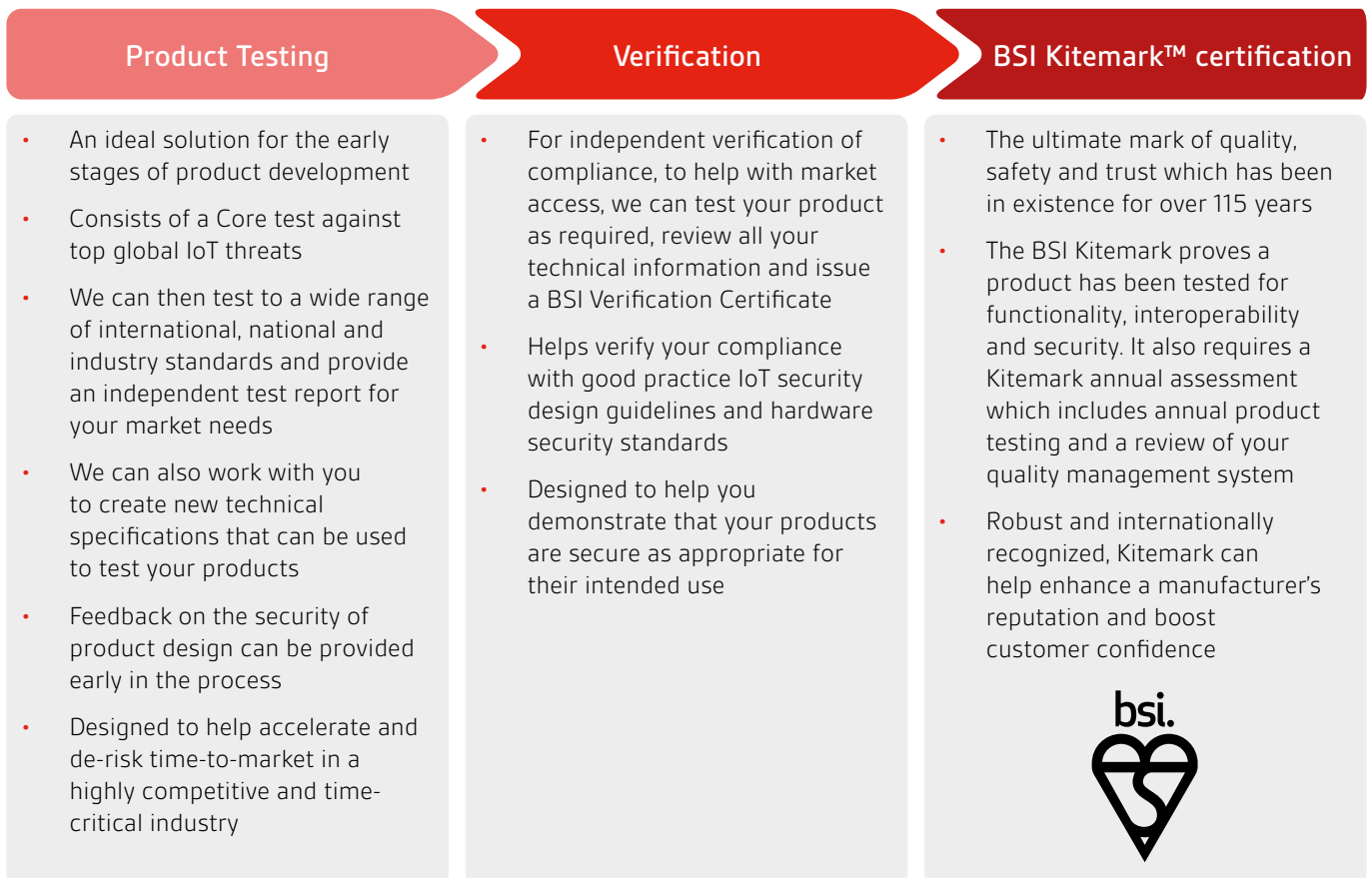


Our experts are passionate about ensuring products have been tested to the highest level, so that they will perform as expected and protect people, property and the environment.

No matter where you are on your product development journey, we can support you with a range of testing, verification and certification services for connected fire products that meet your needs. Our services can help accelerate and de-risk time-to-market in a highly competitive and time-critical industry.

Beyond our IoT testing capabilities our accredited testing laboratories have a comprehensive range of equipment for testing emergency lighting and all types of fire detection and alarms equipment such as fire detection panels, extinguishing panels, power supplies, various detectors, call points, sounders, visual alarm devices, voice alarm systems, loudspeakers, input/output devices, short circuit isolators and a wide range of domestic alarms including smoke, heat, CO, gas and combination alarms. From a compliance perspective BSI can help you make sure your products comply with the relevant product conformity requirements.

And as a Royal Charter company with a history and heritage of impartial and independent product testing and certification we are committed to continual improvement and we work with the highest level of integrity. Our history, heritage, expertise and experience are what make BSI unique.



Benefits



Differentiate your products and gain competitive advantage



Reduce risk and show due diligence



Improve customer satisfaction

*Please note, connected fire products must still meet local regulatory requirements to be placed on the market such as CE marking for European market access.

