

BSI testing and certification for smart locks

Build trust, manage risk and embrace opportunity



Build trust in your products - smart locks

The IoT presents a huge opportunity to transform our lives for the better, with the potential to make an impact right across society

Smart locks offer flexibility, enhance user experiences, and ultimately control. Take the simple task of accessing a room in a hotel or a serviced apartment. The IoT can enable you to control how that access is given, to whom and when. In essence, issue keys to and collect keys from anyone, from anywhere, when it suits your business.

These new experiences for commercial clients, their customers and for residential customers can give added value and generate additional revenue streams and profits.

However, all connected products, including smart locks, are vulnerable to external threats. The increasing awareness of security problems can create a lack of consumer trust in IoT connected devices and reduce business confidence in the return on investment of this technology.

The connectivity of a smart lock expands the attack surface and brings new and increased risks of security breaches. Conversely, many smart locks focus on the 'smart' and lose sight of the basic requirement to securely control physical access and result in a poor quality lock. Lack of clear standards and regulation has resulted in a rush of products to the market with no evidence-based way of determining their security and reliability.

At BSI we focus on delivering a testing and certification solution 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 product assurance and testing. We help you embed trust and confidence in your customers by supporting you in ensuring your products are safe and secure.

"Kitemark™ certification gives the end consumer reassurance that their smart lock is going to perform the job that they want it to, but more importantly as an IoT connected smart lock that it will also keep them safe."

Will Butler, Marketing and Innovation Director, ERA



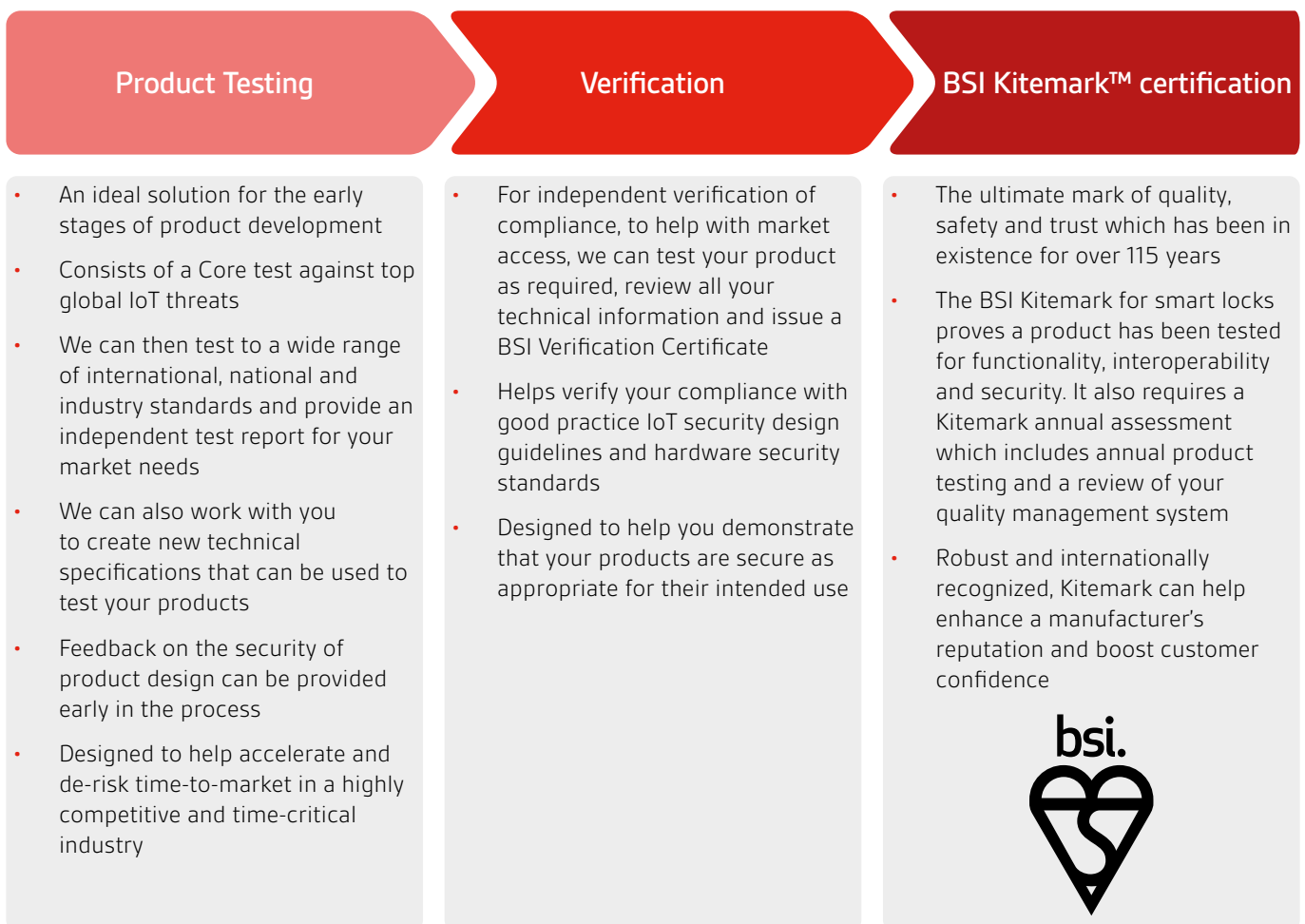
Services we offer

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



With smart locks we can go beyond testing the software. We will examine the cylinder, the door furniture, and the electronics, as well as the software / app to help ensure a secure smart lock.

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.



Working with BSI

No matter whether you are a traditional lock manufacturer or a new technology provider developing applications for smart locks or other connected devices, BSI has the experience and expertise to work with you so you can be confident your products are safe and secure.

A trusted track record

Experience of certifying traditional locks since the 1960's and trusted by some of the world's leading lock companies

Expertise in cyber security

Today BSI has a world-class cyber security capability, recognized by CREST global accreditation and a dedicated state-of-the-art IoT laboratory

Experts working together

Our cyber experts and our traditional lock experts work hand-in-hand to ensure we examine the product holistically

Why BSI?

BSI works as a trusted, independent convener of communities to shape, share, embed and support innovation in IoT and the safe and reliable use of 'smart' applications, data and devices. Through our community of IoT experts and organizations BSI is at the forefront of shaping new opportunities and creating industry-led best practice in IoT. That's why we're best placed to help you embed trust and confidence in your products.



Working with over 84,000 clients across 193 countries, BSI is a truly international business with skills and experience across a number of sectors including automotive, aerospace, built environment, food, and healthcare. Through its expertise in Standards Development and Knowledge Solutions, Assurance and Professional Services, BSI improves business performance to help clients grow sustainably, manage risk and ultimately be more resilient.



Our products and services

Knowledge

The core of our business centres on the knowledge that we create and impart to our clients.

In the standards arena we continue to build our reputation as an expert body, bringing together experts from industry to shape standards at local, regional and international levels.

In fact, BSI originally created eight of the world's top 10 management system standards.

Assurance

Independent assessment of the conformity of a process or product to a particular standard ensures that our clients perform to a high level of excellence. We train our clients in world-class implementation and auditing techniques to ensure they maximize the benefits of standards.

Compliance

To experience real, long-term benefits, our clients need to ensure ongoing compliance to a regulation, market need or standard so that it becomes an embedded habit. We provide a range of services and differentiated management tools which help facilitate this process.

Find out more

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