BSI Internet of Things Assurance Services

Enabling a secure, smart world

bsi.

...making excellence a habit.™

Unlock the full potential

The Internet of Things (IoT) – the network of internet connected and coordinated physical devices that can 'talk' to each other – presents a huge opportunity for all organizations. It has the potential to deliver innovative products to enhance consumer's lives, create differentiated customer experiences, drive efficiency savings and support the development of resilient organizations.

The IoT set to unlock **$11.1 trillion** of economic value by 2025 (McKinsey, 2015)

20.4 billion connected devices by 2020 (Gartner, 2018)

More than **$65 billion** M&A investments by major vendors (Bain, 2016)

$2 trillion revenues in 2017 (Gartner, 2017)

However, there is a lack of consumer trust in the technology, and lack of business confidence in the return on investment, raising questions, such as;

- Is it secure?

- Will it work as expected?

- What will it cost?

- Will it deliver the expected benefits?

In addition regular security scare stories hitting the headlines means that customers need assurance that IoT products will work safely, securely and ultimately enhance their lives.

Lead the way

By addressing these challenges your organisation can gain a competitive edge:

- New customers

- Market differentiation

- Innovative customer experiences that leads to life-time value

- Improved operational performance

How can BSI help you?

We help embed trust and confidence, supporting you in ensuring your products are safe, secure and will perform as intended for as long as required.

With a world-class cyber security capability, recognized by CREST global accreditation*, combined with decades of experience in product assurance and testing, BSI is uniquely placed to support your business.

BSI Kitemark

The BSI Kitemark has been developed in collaboration with industry stakeholders, helping consumers confidently identify connected products which they can trust to be safe, secure and fit for purpose. These devices will have been rigorously tested to ensure they perform as expected, communicate correctly, and are safe and secure as appropriate for their intended use.

Verification

Security should be an essential part of the design process for all consumer IoT products. We work with our clients to verify their compliance with good practice IoT security design guidelines. Through our verification scheme, they can demonstrate to their customers that products are secure as appropriate for their intended use.

Testing

Our highly skilled team operating in our state-of-the art IoT laboratory provide fast, effective testing for a huge range of IoT products. We support providers of IoT devices who put the safety and security of their customers at the heart of their business by working with them at early stages of development. By providing valuable feedback on the security of product design early in the process, we can help accelerate and de-risk time-to-market in a highly competitive and time-critical industry.
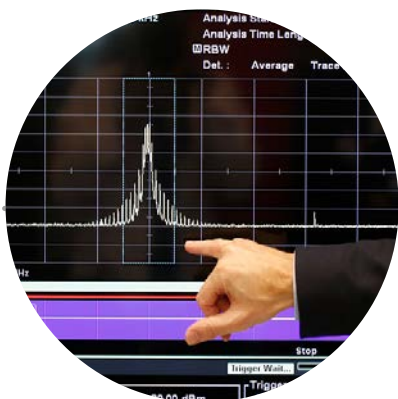
Why BSI?

Our experts have a vast amount of experience where it matters most. Whether it's cyber-security, product quality or performance, sustainability or risk management, whatever your concern our experienced experts are here to help and support you. Working collaboratively with our clients, we focus on creating innovative solutions to relevant problems. Our goal is to help you add value to your product and brand whilst reducing risk.

As a global organization we have the scale and reach to support organizations large and small. Our technical capability and customer-focused approach ensure we're recognized as a worldwide leader.

CREST

Global Accreditation provider of penetration testing

IoT Security Foundation Member

Member of the IoT Security Foundation, sharing best practice and knowledge

About BSI

BSI is the business improvement company that enables organizations to turn standards of best practice into habits of excellence. For over a century BSI has championed what good looks like and driven best practice in organizations around the world. Working with over 86,000 clients across 193 countries, it 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.

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