



## UK manufacturer Squire sets the standard for smart padlock security through BSI certification to leading-edge Kitemarks for IoT



British security manufacturer Squire has been at the forefront of lock-making since 1780, developing some of the most technologically advanced products for home, commercial, motorcycle and cycle security. This West Midlands-based family-owned business is among the first companies to achieve certification to two new BSI Kitemarks for Internet of Things (IoT) for its smart padlock security system.

The IoT is a network of connected smart devices and systems that enable data exchange to provide new services. While the IoT enhances lives, its dependence on wireless internet also means that illegal attempts are increasingly made to breach its security, potentially undermining consumer confidence in smart products.

To counter these threats, Squire has worked with BSI to set the highest standard of cybersecurity. Squire's Inigma digital security operating system has achieved the new BSI Kitemark for secure digital applications, while its Inigma cycle security products are the first to gain Kitemark certification for IoT (Residential). The BSI Kitemarks assure Squire's customers of the safety, security and reliability of its smart padlock system. Because of BSI's rigorous certification process, Squire is able to differentiate its products and build trust with their users.



Find out more: [bsigroup.com](https://www.bsigroup.com)



**“After more than 100 years, the BSI Kitemark continues to be the beacon of quality, performance and safety to both consumers and businesses. Certification to the BSI Kitemark for IoT requires meticulous testing and assessment, demonstrating that we’ve designed our Inigma digital technology to take lock security to the very highest level. We’re proud to have achieved this international benchmark of quality because it reflects and reinforces our premium brand reputation for ‘toughness guaranteed’.”**

John Squire, CEO, Squire



## Client challenge

Technological innovation lies at the heart of Squire's business. Having made a major investment in its Inigma platform and range of mechatronic bicycle locks, door cylinders and padlocks, the company was keen to differentiate its system and products from other mainstream offerings that were shown to have cybersecurity vulnerabilities. It wanted to open up the Inigma system to third-party scrutiny and show proof of a high level of security that could be trusted by customers.

## BSI solution

BSI developed the Kitemark for IoT to provide a quick and easy way for consumers to identify IoT devices they can trust to be safe, secure and functional. The solution to Squire's security challenge was certification by BSI to two versions of the Kitemark:

the Kitemark for IoT secure digital applications, and the Kitemark for IoT (Residential). Each provides a high level of confidence to customers that its smart products' platform software and physical hardware have passed thorough security and compliance tests.

BSI's rigorous Kitemark certification process confirmed that Squire's Inigma system had passed independent security penetration testing. The BSI Kitemark certification also provides a recognized mark of trust, which is vital in promoting Squire's products by differentiating them from inferior locking systems.

Having gained the BSI Kitemark for IoT (Residential) for its bicycle locks, Squire is looking at further Kitemark certification for its door cylinders and padlocks, which often have high-security applications. With BSI's support, the company aims to demonstrate that its Inigma system is at the forefront of digital management platforms.



## Why BSI?

BSI is a respected brand worldwide and the BSI Kitemark is important to Squire by helping it promote the quality, security and reliability of its own historic brand globally.