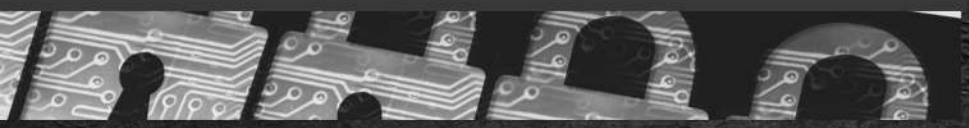
Case Study

Cyber Security Consultancy for SMART technologies and Internet of Things



OBJECTIVES

The MOD wished to understand the current state of SMART Technology, its potential utilisation across the Defence estate and the potential threat that Internet of Things (IoT) devices may pose to the Defence estate. They also wanted to ensure that their internal procedures were fully aligned with the JSP 440 which is the MOD's Security Directive.

SOLUTIONS

Our professionally qualified Cyber Security Business Analyst, working closely with MOD staff together with the main client produced a detailed programme of works to analyse numerous types of SMART technologies, many utilising IoT devices, for a detailed view to be gained of those technologies that were appropriate for use. Supporting documents to assist Defence Infrastructure staff in understanding the threats that these technologies posed were produced together with bespoke risk matrixes and best practice guidance based on National Cyber Security Centre and Centre for Protection of National Infrastructure policies and procedures. A detailed review of JSP 850 and the associated Building Information Modelling (BIM) processes were conducted.

BENEFITS

The experience and skills of the HS Infra team enabled us to successfully meet MODs requirements providing numerous reports to the alignment of their internal processes to the MOD standards, Cyber Security threats to buildings posed by the introduction of SMART Technologies including IoT devices and a set of recommendations to reduce this.

AT A GLANCE

- Internet of Things
- SMART technologies
- Defence client
- CPNI protection
- BIM
- Policy review with enhancement recommendations
- Cyber Security advice

"I would like to add that it was a pleasure working with the HS Infra team who were approachable, professional and easy to work with. They made some dry and sometimes difficult to understand topics easy to follow and understand."

Project Manger, Tetra Tech PLC

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