



P4 Limited's M-Web Controller achieves IoT Enhanced Level BSI Kitemark™



For 30 years P4 Limited has designed and manufactured self-testing emergency lighting and signage. Its products provide vital illumination of escape routes and direct people out of premises if the usual lighting fails. Based in Norfolk, with major customers in the UK and Ireland, including the NHS, this growing company is now the UK's largest independent self-testing emergency lighting specialist.

P4's success and growth is based on continuous innovation, excellent service and a strong focus

on providing the most cost-effective, reliable and compliant emergency lighting solutions. Certification to the BSI Mark of Trust Kitemark for IoT Devices is the ideal way to reassure its customers of the quality and security of its M-Web Controller Ecosystem.

When customers choose emergency lighting products that bear this BSI Kitemark, they have certainty from a respected independent third party that their critical safety systems will perform reliably and securely. The Kitemark reduces their operational risks by taking the guesswork out of selecting the right emergency lighting solution. P4, by achieving the Enhanced Level Kitemark for IoT devices, positions its Fastel emergency lighting testing systems as the most secure emergency lighting on the market, differentiating them from those of competitors and underpinning sales.



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



P4 Limited



“The BSI Kitemark is recognized the world over as a mark of quality, safety and trust. Through certification to the BSI Kitemark for IoT Devices, we are demonstrating our commitment to be the very best in our industry, both now and in the future. Customers can be sure that our Fastel system is secure and their data will be safe... and with the BSI Kitemark they don’t just have to take our word for it!”

Alan Daniels, Technical Director, P4 Limited

Client challenge

P4 is committed to the safety and reliability of its emergency lighting. In the age of the Internet of Things (IoT), this means the company must address cyber threats to its internet-enabled products. Availability of services, security and data protection are particular concerns for its customers – which include public sector bodies, such as NHS hospital trusts and universities. Such organizations have a legal responsibility to protect personal data – for example, patients’ medical records – and eliminate the risk of access to clinical systems and equipment. They are acutely aware of cyber threats, such as system hacking, and P4’s challenge was to reassure them of the quality and IoT security of their Fastel systems.

BSI solution

P4 found the solution through certification of its Fastel systems M-Web Controller to the BSI Mark of

Trust Kitemark for IoT Devices, which it achieved in March 2020, complementing the Kitemark awarded in November 2019 for self-testing emergency lighting systems.

This BSI Kitemark is designed to help customers confidently and easily identify IoT devices they can trust to be safe, secure and functional. To achieve certification P4’s Fastel systems were rigorously tested by BSI’s highly skilled team at its state-of-the-art IoT laboratory. BSI has a world-class cyber security capability, recognized by CREST global accreditation, combined with decades of experience in product testing and assurance.

By maintaining Kitemark certification through regular ongoing testing, P4 demonstrates that its sophisticated emergency lighting solutions are secure and vulnerability to attack is minimized, protecting users’ data and privacy.



Why BSI?

Alan Daniels, P4’s Technical Director, sums up: “Both BSI and the BSI Kitemark are extremely well known and highly regarded. Customers instantly recognize the Kitemark and understand its credibility and significance.”