



Your Specialists in Self Testing Emergency Lighting

P4.MD.30 Issue 1 Sept 23

Fully Automatic Self Testing Emergency Lighting



Pioneered by P4 over 30 years ago and subsequently Kitemarked, *Fastel* is recognised by the industry as the most robust, dependable, and cost-effective system in emergency lighting.

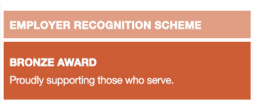
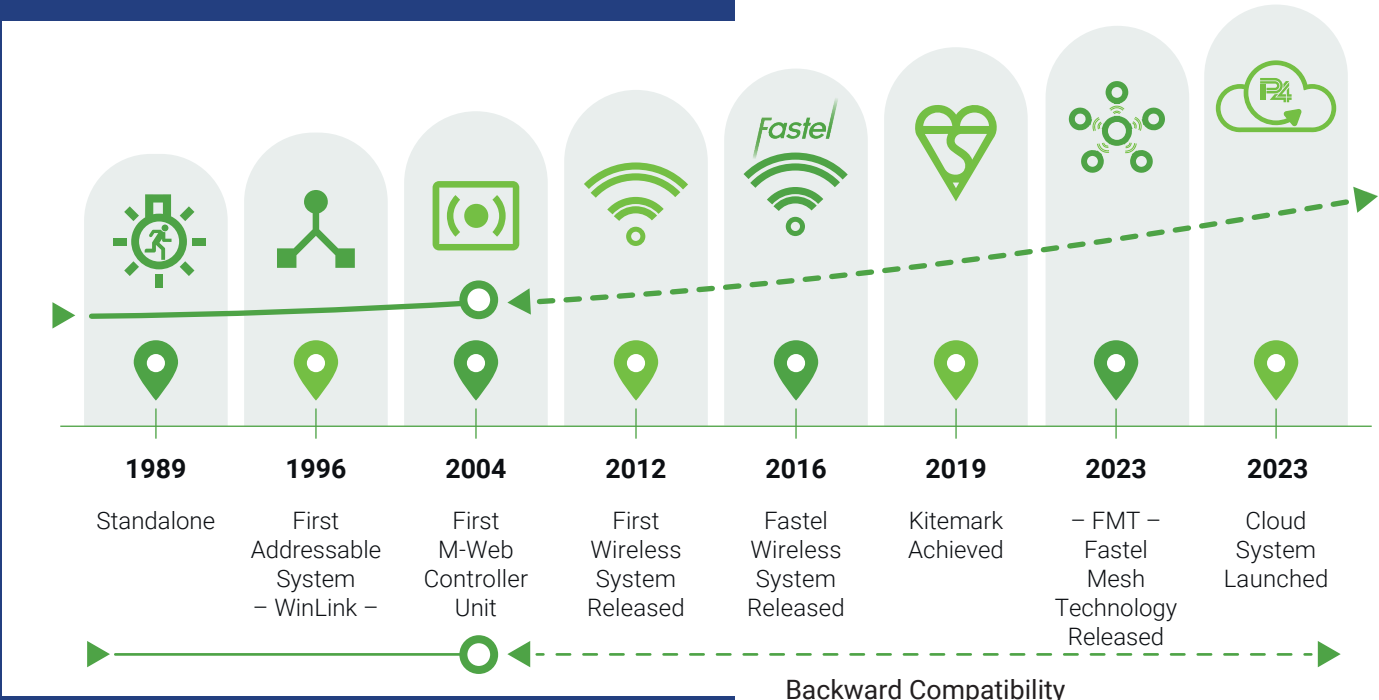
Fastel (Fully Automatic Self Testing Emergency Lighting) technology is incorporated into every P4 emergency lighting luminaire, emergency exit sign and mains luminaire conversion.

Fittings automatically self-test on a regular basis in excess of compliance with BS EN 50172 / BS 5266 Pt.8 and the Regulatory Reform (Fire Safety) order 2005.

It is flexible, easy to install, even easier to operate and ensures you are compliant with all the latest emergency lighting testing standards.

Be assured, when you choose P4's technology solutions we will be with you every step of the way with our unrivalled customer service and support.

MADE IN BRITAIN®



Smaller Premises

Fastel Stand Alone represents *Fastel* technology in the simplest form. All *FASTEL* luminaires and exit signs complete a functional test every 8 days and a full 3 hours rated duration test every 11 weeks. Clear visual and audible signals are provided locally by individual fittings showing whether the emergency lighting has passed or failed testing as defined in BS5266 Part 1. Indication illustrates the nature of any failure, enabling maintenance staff to promptly rectify.

Medium or Larger Premises Including Multiple Sites

Fastel Wired, *Fastel* Mesh Technology & P4 Cloud systems provide remote monitoring. Emergency lighting can be controlled from anywhere over an internet connection. P4 Cloud ensures all sites can be managed from one intuitive portal.

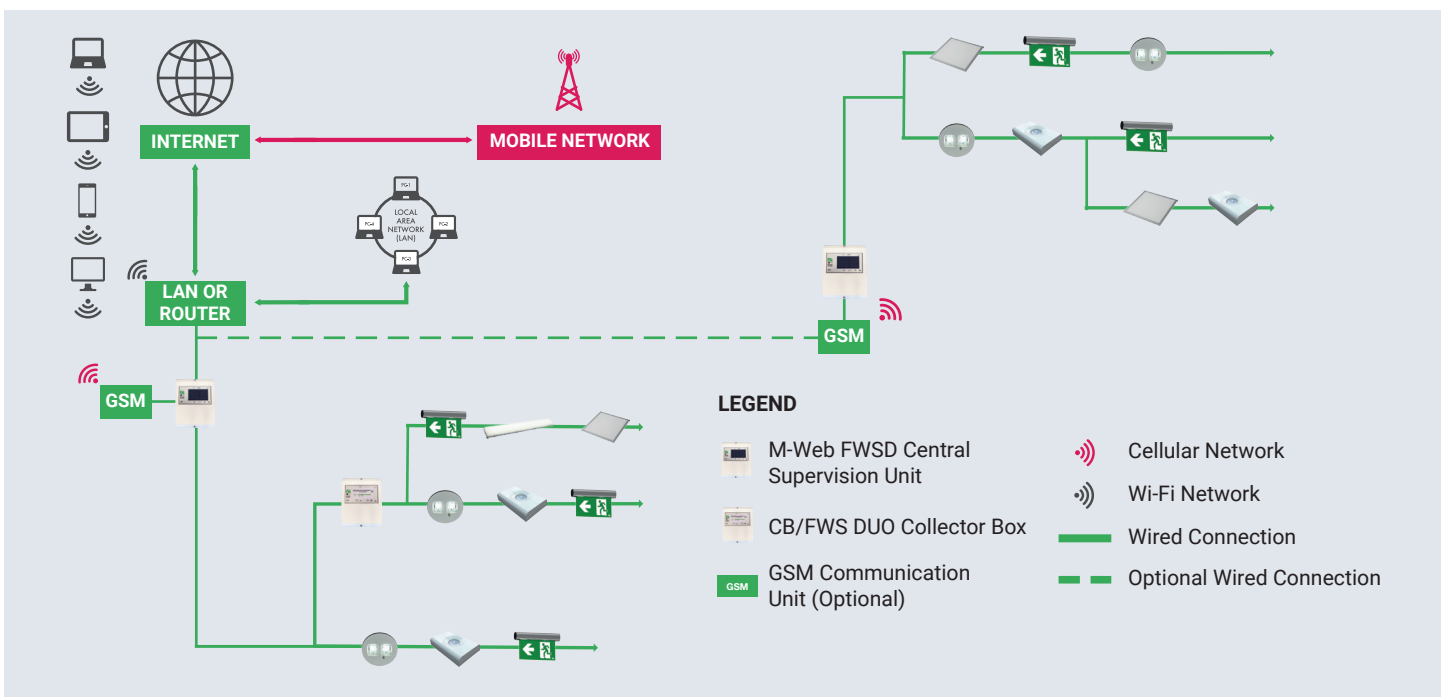
Removing the need for visual inspection or manual testing provides significant cost savings and enables facilities management resources to be more effectively used elsewhere. Payback of the investment is typically achieved within 2-3 years and whole life cost is significantly reduced.

In the unlikely event that system communications are interrupted, fittings revert to *Fastel* Standalone operation ensuring continued testing compliance - a requirement of BS EN 62034 2012 (Automatic Test Systems for Powered Emergency Escape Lighting).

All LED products include P4's unique 6 year warranty and 10 year LiFePO4 battery warranty (10 year battery warranty is subject to P4 maintenance agreement).

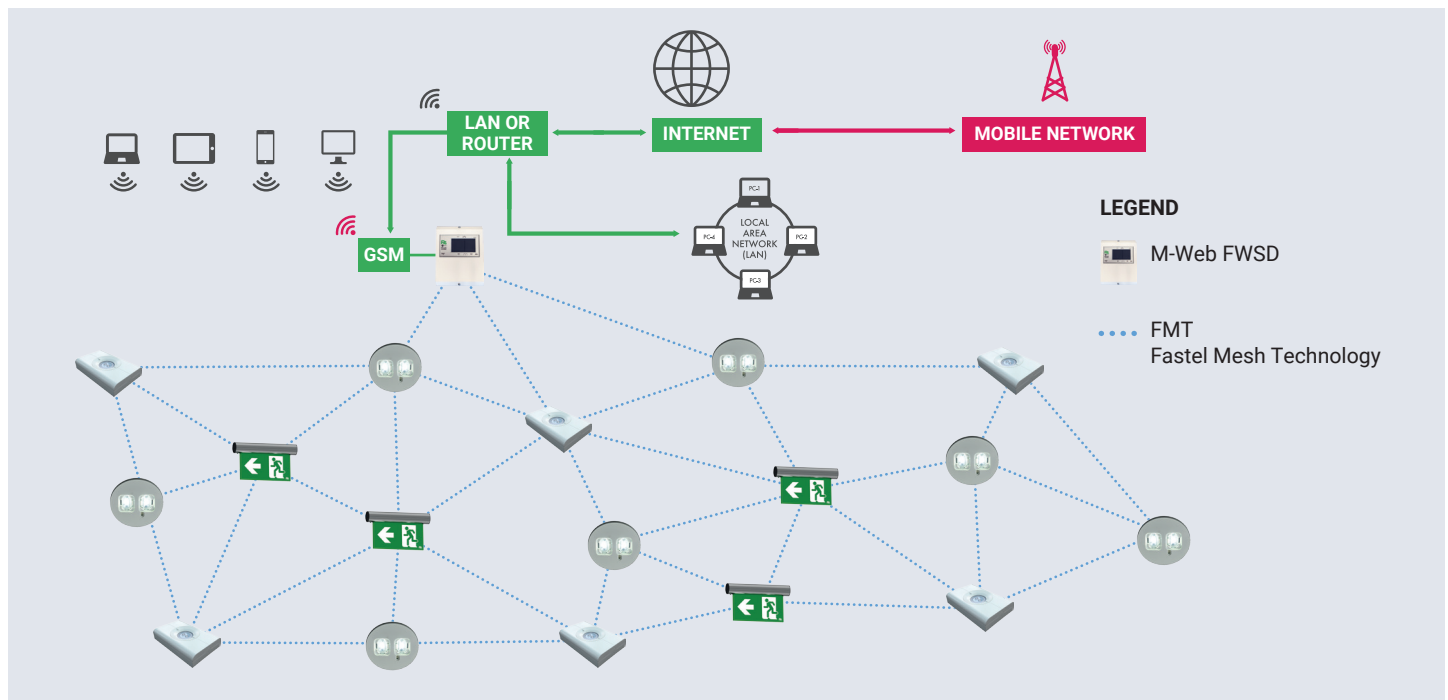
Fastel Wired

- Robust, fully addressable self-testing emergency lighting system.
- Modular - simple expansion or upgrade of existing lighting network into new areas.
- Easy no polarity installation and long communication cable runs of 2000m allowed.
- Large system capacity, 7875 wired luminaires per controller.
- New hardware revisions are backward compatible - no need to replace the existing system when carrying out future works.
- Backward compatibility is possible across all P4 M-Web self testing systems.



Fastel Mesh Technology (FMT)

- Fully addressable self-testing emergency lighting for installation into all types of premises without the need for bus wiring between luminaires.
- Secure, self-healing wireless mesh communication network is compatible with P4's full range of interior and exterior self-testing luminaires and emergency exit signs.
- Ideal for premises where wiring installation is difficult e.g., heritage buildings, continuously occupied sites, solid ceiling areas and buildings that are remote from one another.
- FMT can be used to expand existing *FASTEL* systems removing the need to install additional wiring.



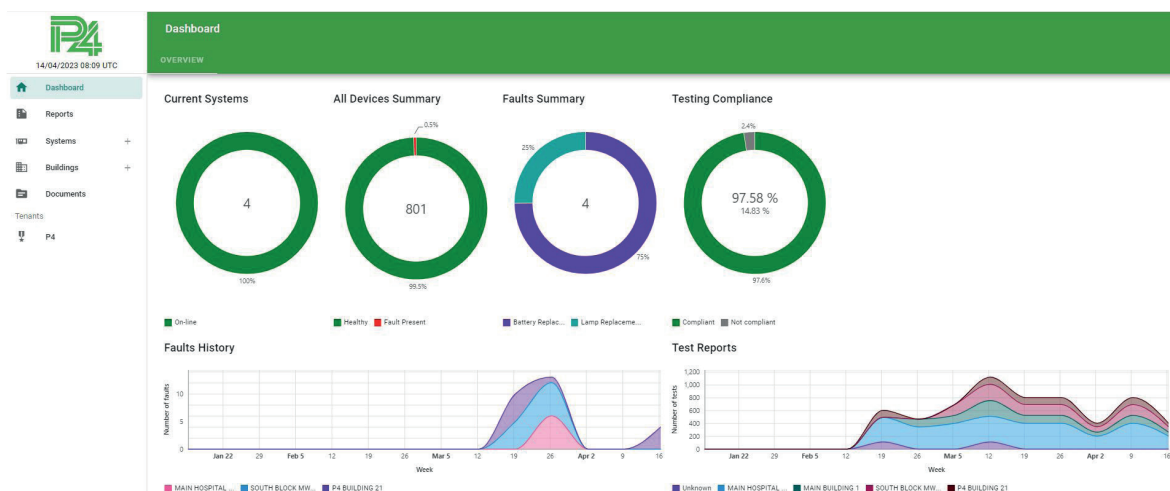
P4 Cloud

Compatible with all M-Web FWSD controllers* P4 Cloud provides an intuitive user interface enabling customers to control and monitor their wired or wireless *Fastel* emergency lighting system.

- Connection via standard internet connection or GSM.
- Continually updated.
- Downloadable test records.
- System status alerts.
- Accessible from any internet connected device.
- No single point of failure - all testing records are stored locally on the M-Web controller unit as well as the P4 Cloud.
- Enables P4 to assist customers with training and remote maintenance if required.**

*Firmware update may be required.

** Subject to P4 remote monitoring contract.



Support – Giving peace of mind to our customers.

P4 offer a wide range of engineering support and maintenance packages on all of our products and systems.

Compliance and total peace of mind for our customers is at the heart of all that P4 does.

All of our systems are easy to use and full customer training is provided.

We guarantee that our team of expert staff will continue to support our customers in all their *Fastel* installations, as well as offering unbiased, informed advice on alterations or upgrades.

P4 are proud to have lasting customer partnerships which span decades.



We offer first-rate maintenance and service packages and continue to support installations dating back to our company's inception in 1989.

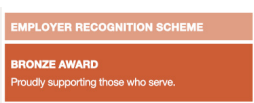
Our wired or FMT system networks are acknowledged to be the most versatile and reliable emergency lighting available. Various security options

are available on the M-Web system controller to ensure the emergency lighting system will not compromise the security of customer local area networks. Cyber Essentials Plus is the minimum standard provided.

We work with customers in a range of sectors including (amongst others)

education, healthcare, MOD, housing and private enterprise.

No matter the sector, our focus is always on delivering and supporting world class emergency lighting systems and excelling in building long term partnerships with facilities and estates management teams.



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