

18 March 2016

PhotonStar LED Group Plc

Internet of Things security patent application granted

PhotonStar LED Group Plc (AIM: PSL, "PhotonStar" or "the Group"), the British designer and manufacturer of smart LED lighting solutions, has received notice from the UK Intellectual Property Office that its application titled *Wireless Nodes with Security Key* has been granted.

The secure commissioning patent is a critical element of the Halcyon and halcyonPRO2 wireless network technology.

The out-of-band secure commissioning patent is targeted at Internet of Things (IoT) lighting, sensors, actuators and other devices employed particularly in commercial applications where security vulnerabilities at the commissioning stage must be safeguarded.

The commissioning approach provides multiple novel options to securely join wireless devices of different types to a network without the need to be in physical contact or in proximity of the device, while not compromising the network security keys.

The protocol also benefits from its ability to commission devices at any time, even following installation, without the need for special commissioning time windows. This lends itself to commercial installation practices where phased installation and commissioning may take place.

Dr Majd Zoorob, CTO of PhotonStar, said:

"We are delighted to receive grant of our first IoT secure commissioning patent. Our halcyon and halcyonPRO intelligent wireless lighting systems have the potential to play a significant role as secure, scalable platforms for real world commercial IoT applications."

"Security is an important requirement in IoT applications, and we are excited to announce this major development in our wireless network technology."

For further information:

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About PhotonStar LED Group Plc

PhotonStar LED Group Plc is a leading British designer and manufacturer of intelligent lighting &

building control solutions. The Group's proprietary technology Halcyon™ is a scalable, secure wireless IoT platform for retrofit into commercial buildings, for energy reduction, asset monitoring & control, and real time environmental, behavioral and energy insights.

PhotonStar is based in Romsey, Hampshire with a manufacturing facility in Wales.