PhotonStar previews low cost cloud building management products at IBM InterConnect 2016

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PhotonStar LED Group Plc (AIM: PSL, "PhotonStar" or "the Group"), the British designer and manufacturer of smart LED lighting solutions, is participating in the IBM InterConnect 2016 Cloud & Mobile Conference, 21-25 February 2016 in Las Vegas, USA.

At IBM Interconnect 2016, PhotonStar is previewing cloudBMSTM, a new cloud based solution that delivers an IoT Building Management System as a Service (BMaaSTM).

The new solution is built on the second generation of its low cost retrofittable wireless monitoring and control platform, halcyonPRO2TM. The new halcyonPRO2 TM adds regulation of heating and cooling, shading and power management to the proven lighting control and environmental sensor network already in use in the first halcyonTM product. CloudBMSTM, halcyonPRO2TM and cloud based analytics combine to deliver an extremely capable, scalable and secure BMaaSTM solution at a price point and low entry cost that enables owners of small to medium sized businesses to reduce energy and operating costs and realise new insights into their operations.

PhotonStar is demonstrating the automated shading solution feature of halcyonPRO2TM at the event. The solution taps into the IBM Watson IoT Platform, taking environmental and occupancy data from the halcyonTM sensor network, geolocation information per room and real time weather and forecast data from The Weather Company | An IBM Business, to optimise window shade use to deliver maximum energy savings thus reducing HVAC costs by intelligently using or preventing solar heat gain and optimizing thermal, daylight and visual comfort for building occupants.

PhotonStar is demonstrating with IBM the retrofittable asset monitoring feature of halcyonPRO2TM and cloudBMSTM, providing device health and key asset performance indicator information seamlessly to IBMs Maximo asset management package. The combination of the retrofittable hardware and sensor inputs, cloud analytics, visualisation and the connectivity options to asset management software will lower operating expenses for owners of multiple facilities by reducing manual compliance tests, manual monitoring and inspection of assets, and enable smart predictive and preventative maintenance.

PhotonStar CEO Dr. James McKenzie and CTO Dr.Majd Zoorob will present on the application of PhotonStar's halcyonTM system in the high growth Internet of Things (IoT) area. The presentation will take place as part of the Watson IoT strand, which will explore how enterprise assets, facilities, connected devices and IT come together to enable new revenue streams, lower operating expenses, and maximise reliability.

PhotonStar has been working in partnership with IBM since January 2015 and, as previously announced on 16 December 2015, demonstrated its halcyonTM intelligent wireless lighting system operating with the IBM Watson IoT Platform and IBM BluemixTM to IBM clients and partners at the Global Watson IoT Headquarters in Munich, Germany.

Dr James McKenzie, CEO of PhotonStar, said:

> ***"We are delighted to be participating in this highly prestigious event. PhotonStar's halcyon™ intelligent wireless lighting system, and now halcyonPRO2™ have an exciting role to play as a secure, scalable platform for real world commercial Internet of Things applications. We look forward to exploring further opportunities in this area."***

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James McKenzie – Group Chief Executive

Related Sectors:

Business & Finance :: Computing & Telecoms :: Consumer Technology :: Manufacturing, Engineering & Energy ::

Related Keywords:

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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.

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