

Press

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Lightelligence opens the door to data economy

Osram's IoT platform is now available in Europe

At the Light + Building 2018, Osram announced its open IoT platform for the lighting and building market. In recent months, the platform has been refined in a close collaborative effort with pilot customers and partners. Lightelligence, including a far-reaching development environment for IoT solutions and applications, is now available for all users. Platform users can draw on a fully developed software infrastructure and are not required to set up anything themselves. The IoT platform is much like an app store, where users can individually and flexibly combine the necessary software components for the respective application. The EDEKA regional company Minden-Hannover is already using Lightelligence in a pilot installation as well.

Customers can now use all aspects of Osram's IoT platform, a place that enables them to develop and operate state-of-the-art IoT solutions and applications faster and more cost effectively. Lightelligence is specially designed to meet the needs of the light and building market, delivers industry-specific components and operates with appropriate communications standards. The platform also systematically takes an eco-system approach, offers open interfaces and lays the groundwork for collaboration that extends beyond system boundaries.

Lightelligence makes it possible to bring together smart control systems in buildings and enables sensors to exploit data multiple times. As a result, Osram creates an opportunity to rethink the use of the IoT in light and building applications. For instance, sensor-based logistics solutions can use a warehouse's lighting infrastructure to record inventories, optimize warehouse usage and monitor the temperature and humidity of perishable goods. Motion detectors in office buildings can be used to manage meeting rooms more efficiently and optimally plan cleaning.

The EDEKA regional company Minden-Hannover is already using Lightelligence in one of its Berlin stores. A pilot installation with a link to Lightelligence was started in November. The project focuses on intelligent retail services based on an intelligent lighting infrastructure and, in collaboration with Nokia, on broadband communication services. The installation includes a guest Wi-Fi for customers, indoor navigation, customer flow and conversion rate analysis and environmental sensors for temperature, humidity and CO₂ levels in the ambient air. Lightelligence combines the data of all applications and facilitates interactive analysis with the help of such technologies as machine learning.

You will find detailed information about Lightelligence at the following link:

www.lightelligence.io

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ABOUT OSRAM

OSRAM, based in Munich, is a leading global high-tech company with a history dating back more than 110 years. Primarily focused on semiconductor-based technologies, our products are used in highly diverse applications ranging from virtual reality to autonomous driving and from smart phones to smart and connected lighting solutions in buildings and cities. OSRAM uses the endless possibilities of light to improve the quality of life for individuals and communities. OSRAM's innovations enable people all over the world not only to see better, but also to communicate, travel, work and live better. OSRAM has approximately 26,400 employees worldwide as of end of fiscal 2017 (September 30) and generated revenue of more than €4.1 billion. The company is listed on the stock exchanges in Frankfurt and Munich (ISIN: DE000LED4000; WKN: LED400; trading symbol: OSR). Additional information can be found at www.osram.com.