Delta shares IoT smart lighting solutions at 2019 DiiA summit

Text by BABG

Mr. Zhao Guo-Chao, Product Director of Delta GreenTech's Smart Buildings Division, delivering a speech on applications and examples of IoT architecture smart lighting control

As a strategic partner, BABG participated in 2019 DiiA China Summit cum DALI-2 smart lighting and application design forum on November 1st. During the event, Mr. Zhao Guochao, Product Director of DGC Smart Buildings Division, shared smart lighting of IoT architecture with more than two hundred experts attending the event and his talk was enthusiastically received.

This is the second time that Delta co-organizes China summit with the DiiA and its members. The summit has received recognition and support from China Illuminating Engineering Society and experts from the industry. Paul Drosihn, General Manager of the DiiA, made the trip from the United Kingdom to Shanghai, expressing his recognition of the summit, and the determination in establishing China market. Mr. Dou Lin-Ping, Secretary General of China Illuminating Engineering Society, was invited to deliver a speech. He highly affirmed the significance of the platform, and believed that China lighting industry should learn more about DALI protocol.

In the event, Mr. Zhao Guochao shared the applications and success stories of IoT-based smart lighting solutions including the astonishing energy-saving achievement at the Manchester Airport through multiple-system integrations, and the human-centered automated control at Wujiang Low Carbon Residence, which brought a lot of attention and discussion. The exhibition area not only showcases the powerful integrative LOYTEC L-DALI smart lighting control solutions, but also lightings from Delta's designer lighting brand, Amerlux, attracting many lighting designers and system integrators to linger and exchange ideas.

In response to the expectations of China's lighting industry, the DiiA plans to expand the scale of China summit next year, continues to promote DALI-2, and carries out deeper development and application in new technologies such as Di4 in China, providing users with better lighting experience, and playing a part for China's future smart lighting.

Delta Controls O3 Sensor 2.0 awarded 2020 AHR Expo Innovation Award for Building Automation

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Delta Controls O3 Sensor 2.0 combines seven different sensors, and its ability to provide the most precise sensing information within the building has won itself the 2020 AHR Expo Innovation Award for Building Automation.

Equipped with IoT functions, O3 Sensor 2.0 can be used as an independent room controller, which combines temperature sensing, occupancy detection and humidity sensing with wireless network. This innovation uses Sensor Fusion to enhance room control, which increases user experience and reduces user detection error.

O3 Sensor mounted on the ceiling enables various functions to be optimized from the best angles of the room, and can easily read body heat, keyboard noise or other movements to accurately detect usage status. It can also quickly detect a user leaving the room, thereby saving valuable cost of facility management.

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Compared to the previous generation O3 sensor, 2.0 has better independent operation features, and does not require O3-DIN zone controller to achieve detection function. In terms of configuration, it can be done through the cloud, without the need for enteliWEB software. Communication protocols (MQTT, BLE, RESTful API and BACnet) are also added to allow detection information to be obtained through different methods.

Delta Controls will be exhibiting O3 Sensor 2.0 in 2020 AHR Expo, and with this product innovation, it hopes to change the definition of user satisfaction in the industry.