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Nexus® Pro

ABB launches Nexus® Pro, a Connected Emergency Lighting System

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Management system leverages IoT technology for safer buildings and lower maintenance costs

ABB presents a new cloud-based smart emergency management system for connected buildings. The Nexus®Pro emergency lighting system uses IoT technology and requires minimal maintenance, reduces operational costs and ensures peace of mind year-round.

Safety in public spaces like hospitals, universities, commercial and industrial buildings, etc. is becoming a high priority today since disruptions can happen at any time.

In emergency situations such as these, the National Electrical Code requires functioning emergency lights to guide people out of buildings. However, these lights are expensive to maintain, subject to human error and are only checked once a month, even in compliance.

Using Bluetooth technology, ABB is launching Nexus®Pro to the North American market. The self-maintaining smart emergency lighting system uses cutting edge IoT technology to run self-diagnostics 24 hours a day, 365 days per year. This Cloud solution will provide facility managers an automatic alert if an exit or emergency light fails a monthly report for code compliance. The system will also inform the user on what part of the exit sign and emergency light has failed and which part numbers need replacement.

The Nexus®Pro system features a mobile app that allows set up, maintenance and full control of the entire emergency lighting installation using mobile phones. This provides a real time overview of all systems, no matter where they are, saving time, enabling better maintenance planning and enhancing building safety.

Testing, inspection and maintenance planning can be scheduled to ensure all emergency lighting fixtures are working properly. In addition, functional and duration tests can easily be programmed via the user-friendly app. Faults are automatically detected and reported directly to a mobile device providing notification - anytime, anyplace, anywhere. In addition, multiple users can access the data held on the emergency lighting system, which can be emailed, shared and stored to provide a permanent record of the health of an emergency lighting system.

ABB (ABBN: SIX Swiss Ex) is a technology leader that is driving the digital transformation of industries. With a history of innovation spanning more than 130 years, ABB has four, customer-focused, globally leading businesses: Electrification, Industrial Automation, Motion, and Robotics & Discrete Automation, supported by the ABB Ability™ digital platform ABB operates in more than 100 countries with about 144,000 employees. www.abb.com

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