interact Office

Smart and flexible office lighting for Deloitte

In 2016, Deloitte embarked on the renovation of three floors in its Milan office, home to Deloitte Digital, the team that helps clients evolve and innovate for the digital era.

"" "For Deloitte, innovation is fundamental . . . We are satisfied with the connected lighting system, which enables us to optimize the work environment and maximize operational efficiency."

Gianluca Loparco
Partner–Business Unit Manager at Deloitte Digital Studio

Customer challenge

Deloitte's new office design embraced an open plan concept, with interactive technologies and flexible work areas including open space, communal areas, meeting rooms, relaxation rooms, and hangout space.

Deloitte wanted a smart and flexible lighting solution that would give employees greater control over their workspace and support the flexible working and open plan office concept. They also wanted to gain insight via sensors embedded in the lighting grid to help facility managers improve operational efficiency and reduce costs.

Solution

The lighting system is comprised of over 250 connected LED luminaires plus integrated sensors that collect, share, and distribute data throughout the office environment.

Lighting is connected to the building's IT network using PoE (Power-over-Ethernet) technology and controlled by Interact Office Lighting management software.

www.interact-lighting.com/office

Interact — Making it happen

Data collected from the sensors embedded in the connected lighting system can be viewed and analyzed via the Interact Office dashboard. The dashboard provides real-time information to facility managers on workspace occupancy and activities to help them maximize space utilization and save on real estate costs. Data visualization via the dashboard shows energy use trends across the office so Deloitte can further reduce costs by lighting only areas in use or dimming during the day when outdoor light levels are high.

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Personal control

Your employees can personalize the lighting in their workspace or in meeting rooms using an Interact Office personal control app on their smartphones. The ability to adjust lighting for the task at hand improves your employees' comfort and performance.

First installation of its kind in Italy

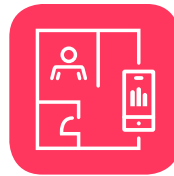This project is the first in Italy to use Interact Office software delivered over a PoE network infrastructure, eliminating the need for electric power supply and enabling the connected lighting system to be integrated with the IT network infrastructure.

Lighting management

Monitor and manage your lighting across multiple floors or buildings, from any location. An intuitive dashboard affords insight into lighting usage, and lets you remotely optimize your lighting to reduce operational costs.

Space management

Capture and analyze building occupancy data for insight into how your office space is used over time. These insights help you create a workspace that truly meets the needs of your business. Lower real estate costs through effective space management without compromising workplace efficiency or employee comfort and satisfaction.

Project details

- The first of its kind in Italy, the installation features PoE luminaires with integrated sensors
- 250 connected LED luminaires combined with Interact software has resulted in 90% savings on lighting energy usage
- Connected lighting system with Interact software considerably lowers CO_2 emissions

⊘ Find out how Interact can transform your business

www.interact-lighting.com/office

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