



Connected lighting without additional cabling

Locksmith and metalworking company Witt & Kleyer choose Interact Pro to create a connected lighting solution offering comfortable lighting that could be controlled via an app and intuitive dashboard.

“I expected more stress and difficulty during the installation. However, the wireless installation of Interact Pro was really simple. This in combination with its benefits of excellent light, individual control and low energy consumption made it a convincing case.”

Michael Kleyer,
Managing Director, Witt & Kleyer Schlosserei
u. Metallbau GmbH

Shoppers' wishes

Quality, contemporary lighting without additional cables was what managing director Michael Kleyer had in mind for the manufacturing areas and offices at his production site. Ultimately, the aim was to provide ideal conditions for precision work to be carried out. The old lighting system, dating back to 1973, was no longer adequate for visual requirements during production. The electrical installation provided no room for expansion. For this reason, a solution that satisfied a number of different requirements was needed.

The solution

Could an ideal lighting system be found under such restrictions? Witt & Kleyer's problem was easily resolved by Signify and Sonepar Germany, who offered a modern, wireless communications solution. This meant the old three-wire installation could be kept as well as installing LED lighting that complies with current norms. And the lighting solution can be readily expanded due to wireless connections. 51 Philips CoreLine lighting fixtures were installed in total along with 13 switches and sensors, mainly surface-mounted LEDs for offices and LED waterproof lighting fixtures for the manufacturing area.

Interact Pro: wireless connected lighting and modern lighting management

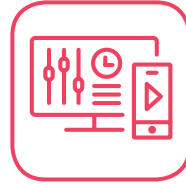
The connected lighting is managed via the intuitive Interact Pro dashboard. Arndt Elektrotechnik, who carried out the installation, can check via asset management dashboard whether systems are working perfectly. Energy consumption can also be monitored and optimized remotely.

What about employees? They can tailor light conditions in line with the requirements of their relevant tasks – whilst finding it easier and more pleasant to work due to the excellent quality of light. Intelligent scene management with presence and daylight control also play their part.



Wireless renovation

Arndt Elektrotechnik, the installers, found it straightforward to replace the lighting using Interact Pro with relatively little effort combined with low installation costs. It was also possible due to the Zigbee wireless communication standard. This offers secure, wireless connections to up to 200 light spots. There's also no need to lay additional cables.



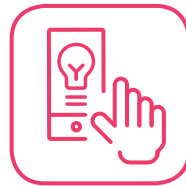
Lighting automation

At Witt & Kleyer, Interact Pro does not just offer an excellent quality of light, it also offers maximum energy efficiency. Daylight and presence detectors only switch the lighting on when necessary. Predefined schedules can be tailored to fit the intensity of work rhythms and shift work. This lets all employees carry out their work in a safe, comfortable environment.



Easy energy optimization

Interact Pro provides all relevant operating data regarding lighting at a glance with its dashboard and app. Arndt Elektrotechnik as service partner and Kleyer as managing director can monitor the status of the lighting system at any time. They can also determine how much energy is being used or saved in specific periods and at what times of day. This is an important aspect for operations, even from an ecological perspective.



Individual lighting control

Office employees can use the Interact Pro app to tailor lighting to their individual work requirements via their smartphones. That is completely in line with their lighting requirements, vision, and work requirements. It's intuitive and easy.

Project details

Quick commissioning of the whole system via smartphone app in just 1.5 hours

High light intensity for enhanced comfort and greater safety in the workplace

Energy savings of approx. 45% compared to a new, but non-controllable LED system

 **Discover more about Interact Pro:**

www.interact-lighting.com/pro

interact

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