interact City

Data-based insights to manage Siegburg's business processes

Smart street lighting and an innovative, data-rich Interact City software dashboard offers Siegburg, Germany, an efficient, accurate, and flexible IoT-enabled lighting asset management system.

"Working with Interact City has made life much more flexible because management processes are simplified and shown transparently."

Jörg Hartung, Executive Director of Street Lighting, Siegburg, Germany

Customer challenge

Siegburg had a mixed public lighting infrastructure with many asset types. Many light points were obsolete and were not energy-efficient, and the lighting system offered no opportunities for data collection and insight generation.

Solution

Siegburg wanted a solution that could do more than reduce energy consumption and emissions. The town wanted a lighting system with enhancements that would improve the quality of life in the community and bring out its best features. "Especially for a shopping destination like ours, well-being and the safety of the people is of considerable importance," says Siegburg Mayor Franz Huhn. "Therefore, we need a reliable and sensible lighting situation without dark areas."

Interact — Making it happen

System managers can use the Interact City lighting management software to create type catalogs, which make it simple to select resources and assign them to individual light points. Type catalogues for poles, luminaires, lamps, and brackets include all frequently and recently used types, technical information, and additional user-configurable information. Type catalogs allow Interact City dashboard users to generate and view detailed information on lighting-specific business processes quickly and easily. They also simplify mass detection and maintenance tasks, such as re-lamping.

Efficient operations

Because all operation-relevant processes are simplified and highly transparent, Interact City software has made the working relationship between the city and the utility provider less complex and more productive. More time can now be dedicated to optimizing and improving outcomes for the city.

Easy data access

Siegburg's utility operations contractor can see all relevant information at a glance and can access it any time, any place. The data collected by the system — from energy consumption to investments to maintenance records — provides a reliable basis for operational decisions.

Scene management

Remotely adapt city lighting to time of night, year, or context. Turn up lighting if there is a traffic accident or crime. Dim to 30% in at night when nobody is around. Use sensors on the light pole to detect activity to always keep your citizens safe and comfortable.

Lighting asset management

Interact City lighting management software supports easy commissioning of new and existing lighting assets plus remote monitoring of performance, energy consumption, and fault detection. Know exactly what is happening where and take action immediately through a real-time, data-enabled understanding of your city lighting.

Project details

- In 2014, Siegburg installed 2,185 LED luminaires, reducing energy costs and CO_2 emissions by up to 50%
- Today, a system of more than 4,200 LED light points is managed by Interact City
- Lighting assets include a number of Interact Ready street lighting fixtures

Find out how Interact can transform your business

www.interact-lighting.com/city

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