



interact City

A sustainable smart lighting transformation with Interact City

As one of the leading consultancy firms for electrical engineering in northeastern Switzerland, IBG spearheaded Gaiserwald's lighting transformation by using sustainable and energy-efficient LED technology. They chose Interact City software to easily manage and control all of the city's luminaires, while setting up extensive automation to maximize energy efficiency.

"With Interact City, we're giving our customers pioneering technology, sustainability, and excellent cost-effectiveness in one package."

Jürgen Heber, Street Lighting Project Manager
IBG B. Graf AG Engineering

Customer challenge

What if street lighting, as well as saving energy, could play an active role in local life? Imagine if each luminaire consistently produced precisely the right amount of light necessary for good visibility and an improved feeling of safety? From early evening to the middle of the night. During a public holiday or a lively street party. For IBG, the only correct lighting solution for the municipality of Gaiserwald would be one that could meet these needs.

Solution

BG Engineering Street Lighting Project Manager, Jürgen Heber, enthusiastically adopted the new system for two reasons. First, our Swiss distribution partner ELEKTRON provided active support throughout the integration process by offering dependable solutions for any of his requirements. And secondly, Heber appreciates Interact City's user-friendly dashboard, enabling him to manage the new LED luminaires directly from his desk – online and without additional software or the need for substantial training.

Interact – making it happen

The solution is simple. Any street lighting point connected to the Interact City Lighting asset management software immediately reports any problems via email as well as automatically communicates its technical data, nominal service time and energy consumption. That means that Jürgen Heber and other city officials can rest assured that

everything's running smoothly in Gaiserwald – and that every LED luminaire is saving as much as 60% more energy than the municipality's former sodium lamps. And user-friendly Interact City Scene management software enables each luminaire to be managed individually or in groups to perform close to real-time or prescheduled actions.



Scene management

Gaiserwald can dim individual luminaires – and even entire streets – automatically with the click of a mouse, or turn lighting up to full power for

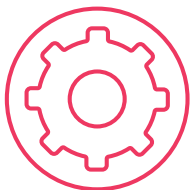
security reasons. And there's a special lighting calendar for major events such as town festivals or special events.



Lighting asset management

Interact City Lighting asset management software supports easy commissioning of new and existing lighting assets, as

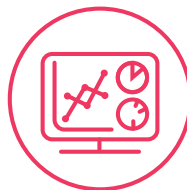
well as fault detection and remote energy and performance monitoring. Know exactly what's happening where in your lighting system, take action immediately with real-time alerts on lighting outages, and gain data-based insight into your city lighting.



Keep operations running smoothly

Any light point connected to Interact City automatically communicates its technical data to Gaiserwald's street lighting

management staff, including nominal service time, energy consumption information and problem reporting.



Measure and control lighting performance

Optimize street lighting performance and accurately measure energy usage in real-time. Full control of your city

lighting lets you reduce CO₂ emissions, make progress toward your sustainability goals, and lower energy usage and costs, allowing you to reinvest the savings in other areas of your city's infrastructure.

Project details

- The city saved more than 60% on energy costs by using LED and connected smart lighting
- The city is now able to control and manage its street lighting remotely with the click of mouse

 Find out how Interact can transform your business

www.interact-lighting.com/city

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