

Connected LED lighting and Interact City increase efficiency and reduce costs

Aurich, a city in northeastern Germany, recently installed new LED street lighting and has connected new and existing street lights to Interact City Lighting asset management software.

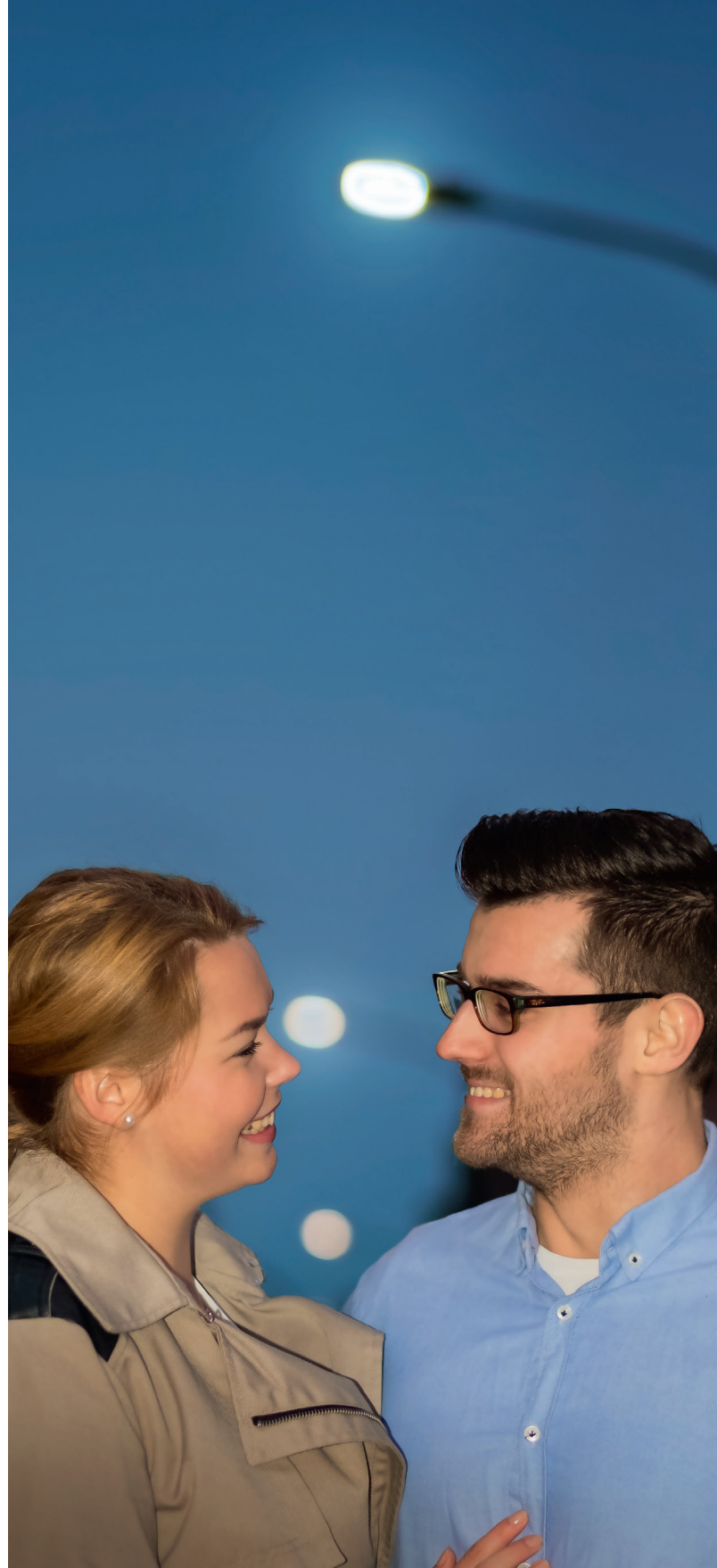
Customer challenge

It had become increasingly clear to Aurich's city government that modernizing their street lighting should be a key element of their urban redevelopment plan. They were looking for a flexible solution that would be both economical and sustainable, while providing accurate asset data that would make daily street lighting management and operations more efficient. Remote monitoring and management, as well as data visualization capabilities were also a key priority.

Solution

City officials wanted to modernize the street lighting and cater to the various road layouts which require different types of illumination, while saving energy and improving sustainability. They decided the right solution would be an upgrade to a connected LED street lighting system.

The first step was to replace inefficient mercury vapor lamps with new LED street lights. Then the city implemented Interact City Lighting asset management software to remotely manage both new and existing street lights, enabling officials to oversee the entire lighting infrastructure from a single easy-to-use dashboard.



“Reports generated by the software enable us to analyze the luminaires’ performance and identify where savings can be made and maintenance optimized.”

Iris König, Civil Engineering Office, Aurich

Interact – Making it happen

The Interact City dashboard provides intuitive data visualizations and lighting asset management capabilities so officials can monitor, analyze, and maintain their lighting infrastructure to optimize savings and performance. This insight gained through the

dashboard can be used to identify issues and outages quickly and plan maintenance more effectively, reducing downtime. Interact City Lighting asset management software is open and scalable so it can adapt easily to the changing needs of the city.



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.



Improved feeling of safety

Different roads in the city require different levels of light. Interact City enables citizens in Aurich to feel safer – with

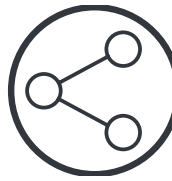
better quality illumination providing the right amount of light appropriate to the setting and road use.



Energy and cost savings

With a decrease of 659 metric tons of CO₂ and a cost savings of €250,000 annually, the project will pay for itself within

just six years. The new Interact City connected lighting and asset management software enables Aurich to invest in its smart city infrastructure and supports a sustainable future.



Open and future-ready solution

Interact City provides an open platform that adapts to the changing needs of smarter cities. Interact City integrates

with any asset management system, so you're never locked in to one vendor. Open application programming interfaces (APIs) link any city vertical or horizontal.

Project details

- 659 metric tons of CO₂ saved annually
- Interact city saves Aurich approximately €250,000 per year
- Project is expected to pay for itself within just six years

 Find out how Interact can transform your business

www.interact-lighting.com/city

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