

## [ About us ]

[ui!] **Urban Lighting Innovations** was founded in 2017 as a branch of the [ui!] Urban Software Institute. With customized solutions, we turn street lighting systems into digital hubs - independent of manufacturers and across various technology platforms. We always adhere to the world's first standard for multifunctional street lighting, **DIN SPEC 91347**, which we were involved in creating.



**DIN SPEC 91347**

The competent team at [ui!] Urban Lighting Innovations brings many years of experience in the operation, construction and modernization of street lighting systems and digital infrastructures to their projects. Since 2012, we have been engaged with the multifunctional dimension of street lighting in the smart city context.

We support communities and regions as well as utilities and infrastructure operators involved in digital transformation in important areas such as the environment, transport and safety. Within this framework, the team has planned and successfully implement numerous projects across a total of four continents.

## [ Contact ]



**Matthias Weis, CEO**

**Matthias Weis** is Managing Director of the internationally operating [ui!] Urban Lighting Innovations. His experience of more than 25 years in the fields of street lighting and the energy industry includes, among others, the management of the development and international market launch of multifunctional SmartCity infrastructures at EnBW, as well as responsible positions in the field of municipal services. Matthias Weis received the Digital Leader Award in 2016 under the auspices of the German Federal Ministry of Economics and was named one of Germany's 100 most innovative minds in 2017 by the business magazine "Handelsblatt".

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Urban Lighting Innovations

## The Digital Transformation of **Urban Infrastructure**



# [ui!] Urban Lighting Innovations

## [ Smart City Bundles ]

With our **SMART CITY BUNDLES**, we aim to support the digitalization of cities with our innovative solutions for urban infrastructures such as street lighting, environmental data, security or transport. This is a comprehensive, sustainable service that also includes guaranteed data sovereignty for cities and takes into account the basic needs of your infrastructures.



### Street Lighting + Connectivity

- 10 LED Lights (30W LED; 3-4K)
- 2 Zhaga Sockets each
- 10 IoT Light Controllers
- Graphic Interface



### Environment & Weather

- Air Quality (NO<sub>2</sub>, O<sub>3</sub>, PM2,5, PM10, CO, NO)
- Weather (humidity, precipitation, air-pressure)
- Water Levels
- Noise Pollution



### Traffic & Parking

- Data Privacy Compliant Real-Time Traffic Capture
- Flexible options for parking lot detection (ground/air/elevation)



### Security

- Emergency call unit with intercom function

## [ UI-as-a-Service ]

Our **URBAN INTELLIGENCE-as-a-Service** sets new standards at an international level. In cooperation with Deutsche Bank and Microsoft, we offer our customers a long-term partnership, tailored to individual needs and with a service-oriented financing model.

### We enable cities

- ✓ Immediate and comprehensive modernization of infrastructures and buildings.
- ✓ Increase energy and CO<sub>2</sub> savings, higher system availability, greater safety and positive environmental impact.
- ✓ Accelerate digital transformation without risk and without additional human resources.
- ✓ Handle complex cross-technology and cross-sector application cases.
- ✓ Maintain and increase the value of the assets in the long term.
- ✓ Maximum transparency over urban data while achieving data sovereignty.
- ✓ Develop urban data with innovative AI-based analytics for new services and applications and generate added value from it.
- ✓ Plan budgets reliably and for the long term.

### Successful projects, among others:

City of Bad Hersfeld - City of Langenfeld - Stadtwerke Karlsruhe - Hamburg Port Authority - Syna - Netze BW - Gelsenwasser - more upon request.

## [ Our Services ]



### Project Design

- ✓ Individual
- ✓ Based on the needs of your city
- ✓ Cross-technologies
- ✓ Holistic



### Implementation

- ✓ Project Management
- ✓ Required Hardware
- ✓ Setup & Configuration
- ✓ Data Connection



### Operation

- ✓ Operating System
- ✓ Service & Support
- ✓ Connectivity
- ✓ Individual further development



### Funding & Leasing

#### OPTIONAL

- ✓ Long-term partnership
- ✓ No upfront investment
- ✓ Comfortable Service Fees
- ✓ Long-term Planning