[About us]

[ui!] was founded in 2012 with the goal of supporting communities in their efforts to jointly develop and meaningfully implement innovative concepts and solutions in the context of a smart city / smart region.

The focus of our activities is on data- and AI-based solutions, delivered "as a service", based on our Open Urban Data Platform - [ui!] UrbanPulse, for cities, communities, local companies, utilities and waste management companies. Application areas include traffic, parking, environment, climate protection, street lighting, health, energy and neighborhood management.

[ui!] has branches in Germany, Australia, Hungary, Great Britain and the USA.

[ui!] COCKPIT

Das [ui!] COCKPIT visualizes urban real-time data on Smart City / Smart Region topics and projects for your citizens, administration and interested local companies.

The prerequisite for this is a central open urban platform, such as [ui!] UrbanPulse, which collects the data from different systems in your community, analyzes it using AI, processes it in real-time, and makes it available as added value based on the insights gained.

With [ui!] COCKPIT, the processed data can be presented to your citizens in a comprehensible way in the form of facts, figures and maps, according to your wishes and needs.

The [ui!] COCKPIT is used for public and transparent presentation of your urban data, as a management or specialized application [ui!] COCKPIT for your management and digitization projects..

[Contact]

Office Berlin

Fasanenstraße 3
D-10623 Berlin

T +49 (0) 30 208 47 24 40
berlin@ui.city

Office Darmstadt

Rössler Str. 88
D-64293 Darmstadt

T +49 (0) 6151 4 93 20 60
darmstadt@ui.city

Office München

c/o BASE, Blütenstr. 15
D-80799 München

T +49 (0) 89 54 84 20 95
muenchen@ui.city

www.ui.city

[ui!] Urban Software Institute

[ui!]

Your
urban Data

central
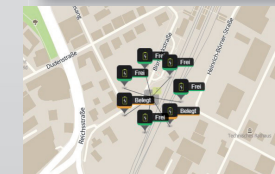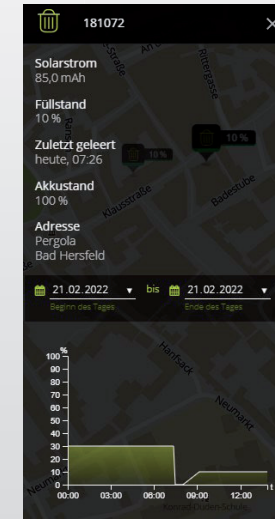clear
comprehensive
appealing

visualized

[ui!] COCKPIT

[ui!] COCKPIT

The web-based application [ui!] COCKPIT transforms intelligent data into information that becomes concrete knowledge by means of AI analyses. This knowledge can be accessed via any web browser with an internet connection, publicly or specifically for employees and professionals, according to your wishes, via a [ui!] COCKPIT to illustrate it. The historical and current data used in the analysis are made available via offene interfaces of the urban data platform [ui!] UrbanPulse. Current data is displayed via the [ui!] COCKPIT in real-time and in the form of topic-centered tiles, which can be supplemented by detailed map views. Urban topics include urban infrastructures, transportation, parking management, e-charging infrastructure, health, environment, climate protection, and community economics & more.

The Pulse

Radar-like overview of the quality and quantity of the incoming data events.

Free Connectors

Currently, over 150 IoT devices and data systems can be integrated into the data platform and visualized using [ui!] COCKPIT. (Number is constantly increasing)

Detailed Overview

Most tiles provide a detailed overview on a map, e.g. smart garbage cans, charging stations and more.

[ui!] UrbanPulse

This highly scalable, real-time, Open Urban Platform, according to DIN SPEC 91357, serves as the basis for the [ui!] COCKPIT.

Historical Data

The collected historical data is used to analyze the current status and make predictions, including street lighting, traffic, parking, e-charging …

Urban Infrastructure

In addition to new sensors, existing systems are also integrated into the communal infrastructure and displayed, including traffic, climate, health, e-mobility…

Layout

The layout of the [ui!] COCKPIT is flexible. You can compile your [ui!] COCKPIT individually from a diverse tile catalog or order new tiles

Possible Applications

The [ui!] COCKPIT can be used as a visualization of information for the public interest or as a specialized overview for managers and operators.