[ui!] UrbanPulse [ui!] COCKPIT

The [ui] UrbanPulse platform allows cities, large infrastructure providers and others to implement new, data-driven smart services that provide the foundation for increased revenues, reduced costs, improved compliance and more satisfied citizens. The UrbanPulse is the reference implementation for DIN SPEC 91357, the EU standard for Open Urban Platforms.



The Pulse:

Radar-style overview of events

Historical timeline shows event flow for each tile, including 'future' events from predictive analytics

Environmental sensors embedded in smart poles

Track environmental factors, anomaly alerts (eg noise). Data from City of Bad Hersfeld and WaveScape Technologies GmbH

Smart water metering.

Track water usage, identify problems and alert. Data from Sunshine Coast Council

Wi-Fi. Track Wi-Fi usage, people hotspots, identify

areas where more capacity needed. Data from Sunshine Coast Council

Smart Bike Sharing

Track & predict bike availabiliity. Data from KVB and City of Köln

Smart Parking

Track and predict parking bay availability. Data from City of Köln and CleverCiti

Electric vehicle fleet management

Fleet optimisation and scheduling to reduce fleet ownership costs. Data from [ui!] the urban institute