

# Smart City – The future of urban living

## Digital solutions for quality life in cities

The digital transformation contributes tremendously to the attractiveness of cities for residents, tourists and companies for both present and future generations. The introduction of new technologies seems quite a job? It certainly is a change – for the better, and we're here to walk you through. The good news is: by increasing resource efficiency, digitalisation saves more time and effort than it costs, and it greatly improves the quality of life.



### Smart mobility management

Digital technologies will adjust traffic routing and the operation of traffic lights to current traffic conditions in real time.

Commuters and delivery vehicles will reach their goal more quickly, and environmental pollution will be reduced.

### Stress-free parking

40 percent of inner-city traffic is caused by the search for parking space. Smart parking sensors and mobile apps will help to solve this problem.

Drivers will arrive in town more calmly, and carbon emissions, noise and fine dust pollution will be greatly reduced.



### Public safety

With the digital analysis of CCTV cameras, critical incidents will be detected and conveyed in real time to the responsible security forces.

Decrease response times and increase the safety of citizens and visitors.

### Energy and environment

By using sensors, energy consumption and the related costs can be reduced immensely, e. g. in street lighting and garbage collection.

Have streetlights switch off automatically if there is nobody around.

### Well connected

The integration of previously separate technological and administrative systems allows for new courses of action in the intelligent management of city life.

Integrating data will enable you to make the right decisions and reduce costs.



### Involving people

Based on their current location, people will receive information about and offers from nearby urban facilities, and they can easily report incidents such as vandalism or pollution.

Integrated information and participation systems will improve the quality of life.

# That's digitalisation 2.0

## One platform, endless possibilities

The high-performance software platform **VANTIQ** offers an innovative approach for the development of event-driven real-time applications. Its strengths: High availability, human-machine collaboration, a high level of abstraction („low-code“), security and scalability.

This is the way to take digital transformation to the next level!



Which use case has been giving you sleepless nights?  
We would be happy to advise you on how you can digitalise your processes with **VANTIQ**. Get in touch.

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