The platform that makes your city smart
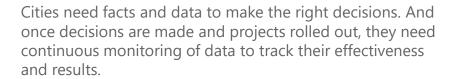
Discover our unique data-driven solution for Smart Cities, based on openness, scalability and reliability

Cities need facts and data to make the right decisions. And once decisions are made and projects rolled out, they need continuous monitoring of data to track their effectiveness and results.

A true smart city enablement platform

A smart city enablement platform is an open solution that collects and processes data from various sources, and uses it as fuel for data-driven innovation and collaboration. That is exactly what our solution has to offer, providing the strong foundation you need on your journey to become a truly smart city.

Becoming a Smart City

- Own your data
  - Manage your data on solid and safe architecture
  - Stay in control of your data (no data provider lock-in)

- Use your data
  - Benefit from faster data onboarding at lower cost
  - Provide safe access to your data to enable and improve collaboration
  - Deliver faster, data-driven information

- Enjoy data-driven results
  - Combine enriched data sets to create new insights
  - Visualize data analysis to support management decisions
  - Implement event-triggered actions based on real-time data (for example for traffic management or crowd control)

Easy data onboarding

- Easily collect data onto the platform or retrieve data from the platform to use in other applications

- Onboard data from any device, platform or sensor (any protocol, any data format)

- Onboard both real-time sensor data and data from static sources

Extensive data & platform openness

- An open platform, allowing easy interfacing with other applications

- Works with any sensor, any protocol and any 3rd party data platform

- Open to all APIs and development languages

- Not happy? No problem! No platform lock-in

Pre-installed next-level tool set

- Visualization through dashboarding and portals

- Analytics & insights: correlations & relations

- Event-triggered actions: if/then/else

- Readily available advanced data tools, including Machine Learning, Artificial Intelligence, Digital Twin, Augmented Reality and Virtual Reality

Efficient data collection   **Open and secure data processing**   **Focused data-driven results**

The low-traffic zone in the city of Mechelen pursues three objectives: fewer cars means cleaner air, safer school areas and more cyclists. Telenet's Smart City Enablement Platform monitors all cases. The solution measures the impact on the city's air quality, enables dynamic traffic management to ban cars from school areas during rush hour, and dynamically adapts street lighting to increase safety for cyclists. The use cases run on Telenet's Smart City Enablement Platform, powered by Microsoft's IoT Azure platform.