

# Smart cities

Sigfox-enabled solutions address a wide range of use cases



Smart cities just got a whole lot smarter with the latest suite of IoT technology, powered by Sigfox's network dedicated entirely to the internet of things. Take advantage of cutting edge technology and Sigfox's reliable worldwide network to connect your operations citywide. The next generation of Sigfox-enabled IoT solutions removes the barriers posed by earlier devices to deliver affordable, user-friendly, plug-and-play connectivity.

From air quality monitoring, to connected fire hydrants, to smart trash dumpsters, the IoT provides a host of affordable solutions so that you can experience a leaner, more cost effective municipality.



Improved bike sharing services with geolocation



Locating available parking spots



Improved data collection for better air quality monitoring



Ensuring defibrillators are ready for use



Optimized refuse collection routes with connected dumpsters



Fire hydrants: monitoring potential issues in real-time



Remote monitoring of water facilities



Eliminate visits to public gardens to check soil moisture



Insights into the integrity of engineering structures



Monitoring and maintaining street lighting networks remotely



Monitor employee attendance remotely

## About Sigfox

Sigfox is the world's leading service provider for the Internet of Things (IoT). The company has built a global network to connect billions of devices to the Internet while consuming as little energy as possible, as simply as possible.



Improving safety thanks to food temperature monitoring

# Waste managers combat rising city waste levels thanks to IoT

Of all the public services facing pressure as a result of growing populations, waste management is suffering the most. More people means more waste, which means local authorities and waste management companies must hire more, run more routes and dispose of more waste. It also makes it harder for these organizations to run an environmentally sustainable service.

By adopting IoT technology into waste management practices, public and private organizations can deliver a smarter, more efficient and more effective service that can improve return on investment (ROI) and lessen their environmental impact.

## IoT solutions do more than monitor waste levels



**Wirelessly monitor fullness levels**



**Real-time alarms in case of fire or overturn**



**Automatically optimize collection routes**

## Connected devices provide waste managers with all of the data they need

By using waste monitoring devices connected to the Sigfox global IoT network, waste management companies can optimize the cost of waste collection, plan collection routes so that they only collect full containers, use data to improve visibility and deliver a better quality service to customers.



**Optimize cost of waste collection**



**Only collect full containers**



**Plan collect route**



**Decrease environmental impact**



**Improve customer satisfaction**

Discover Sigfox Ready devices and IoT end-to-end solutions enabled by Sigfox:  
[partners.sigfox.com](https://partners.sigfox.com)