

Guest  
satisfied  
with stay

Package  
ready for  
pickup

Replenishment  
needed

## IoT use cases for retail



# Smart buttons for smooth, effortless ordering

A smart button is perfect for ordering food or other products, Smart buttons are perfect for ordering food and other consumer goods, restocking supplies and much more.

They also allow you to offer guests a new service - the privilege of not having to wait in line for service. Your guests deserve the VIP treatment; give them a smart button to push to request a callback or service request. This makes transactions easier and saves time spent on ordering for both customers and the company.



# Smart buttons to trigger package pick-up

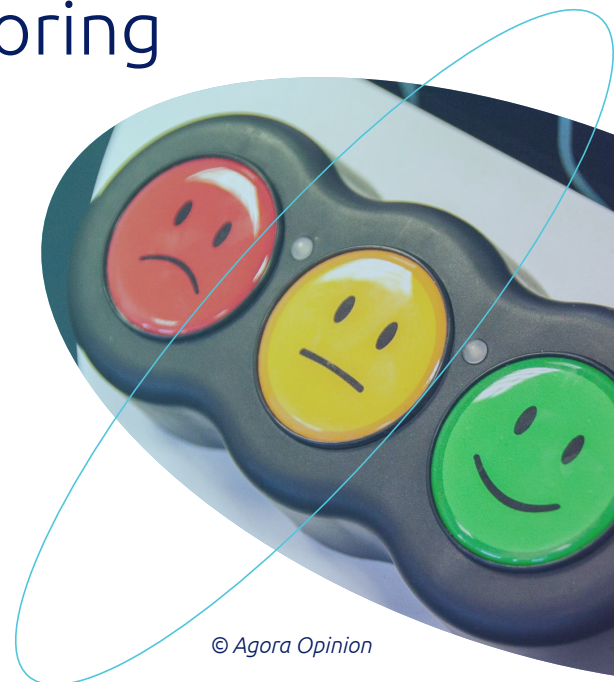
Nobody likes waiting in line at the Post Office. A smart button installed in a mailbox can notify the mailman that a package is waiting to be picked up and dispatched. It also helps the postal services optimize their pickup routes and anticipate the number of packages for collection on any given day.



# Smart buttons for monitoring customer satisfaction

Customer feedback is essential for improving customer satisfaction. It's even better when the feedback is live and as close as possible to real time, such as immediately after the shopping experience.

Install a small, customizable, connected dashboard or button to gather customer feedback effortlessly, using color codes to trigger instant responses from customers as they leave the store. The data is then available in the cloud for visualization and real-time shopper satisfaction insight.



# Trackers for monitoring transport conditions in the supply chain

Delivering damaged goods to customers is never good, and goods can get damaged at several points on their way to the end customer. In the past, it has not been possible to monitor goods along the entire supply chain.

Tracking systems report valuable data such as location, together with temperature, humidity, shock and tilt, providing insights into quality control, traceability and responsibility boundaries. Tracking solutions help transport and supply chain suppliers to check if sensitive materials are safe, delivered on-time and transported in ideal conditions.



## Improving food safety

Food temperature monitoring is crucial for anyone in the food and beverage industry, especially those responsible for the last mile. IoT solutions can help ensure food safety procedures are observed by accurately monitoring the temperature of food storage facilities. A simple device installed in the storage unit is linked to an online dashboard that can be configured to send alerts in the event of abnormal temperature levels, to trigger swift remedial action.







## Avoid rodent infestations

Rat infestations are increasingly common. The rising rat population is mainly due to urban development, which makes food sources more available, and rats are becoming more resistant to rodenticides. As well as transmitting dozens of diseases, rodents are also one of the main causes of electrical fires. These little creatures can cause big problems, resulting in poor customer satisfaction and impacting on reputation, competitive positioning, and liability.

Traps alone are ineffective since foraging rodents learn to avoid traps and new objects. Thanks to IoT rodent activity monitoring solutions, which use infrared sensors, rodent activity hotspots can now be identified within the building, and rodent management programs can be data-driven to trap up to 6 times more rats.

## Improved warehouse secure

Sigfox enables business owners to secure any building at low cost and also tackle the main weakness in alarm systems - downtime due to jamming. Most security alarms are connected via the Global System for Mobile communications (GSM), but with cheap GSM jammers now widely available on the market, almost anyone can break in. Built on radio technology, Sigfox is resistant to jamming, providing peace of mind that your alarm system will not fail even if an intruder attempts to jam the signal.

Power supply is another Achilles' heel for alarm systems. Sigfox technology is designed for low energy consumption, enabling connected presence detectors to run for months or even years without replacing the batteries.



## Let the trash talk

Don't waste time monitoring trash and calling the refuse collection provider; the fill level of the dumpster is sent automatically to the cloud to trigger a refuse collection request. A simple temperature sensor and fire alarm can also be added and triggered as appropriate. This offers convenience and safety and cuts down on collection requests.

## Track your assets

Forget the hassle of finding your lost shopping carts and baskets; Sigfox has broken down the barriers raised by traditional tracking technologies. Asset tracking is now affordable, simple to deploy, easy to maintain and operates worldwide. Tracking devices can run for months or even years without having to replace the batteries. What's more, they work both indoors and outdoors. This offers peace of mind, efficiency and an improved customer experience.

## Maintain and secure your buildings with IoT

IoT also offers a wide range of solutions for smart building management: energy and water consumption monitoring, connected smoke detectors, HVAC maintenance, water leak detection, etc.





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