IoT use cases for asset tracking
Using connected devices cause users headaches when it comes to portability, cost, and usability. When assets are moved from one country to another, you have to face roaming fees when data is sent over of cellular network and GPS signals are commonly lost when indoors.

Sigfox has broken the barriers raised by traditional tracking technologies: price, battery life, and coverage.

By offering low cost and low power connectivity service over one single global network, Sigfox brings a whole new set of available uses of tracking technology:

- Ensure the recovery of lost or stolen assets
- Control the quality of delivery (including SLA, humidity, temperature, shock...)
- Identify the responsibility of assets and localization off premises

Benefits of assets tracking solutions

- Peace of mind and security
- Reduced cost of losses and theft
- Optimized transport routes and cost
- Improved productivity
- Improved customer satisfaction
- Clearer responsibility boundaries along the logistic supply chain

Your imagination is the limit

Low cost and low energy IoT asset tracking applications are infinite. Whether waste management companies want to track large dumpsters when moving them from a construction site to another or rental companies track yacht and boats... almost anything is possible.
Insurance: recover stolen vehicles

Car thieves are using modern technologies like GSM jammers to break into and steal vehicles. Because Sigfox uses radio signals that can’t be jammed, trackers will always transmit GPS coordinates without any interference if a theft occurs. Sigfox-enabled devices also include years of battery life. This peace of mind helps insurance companies and the police work together to recover stolen cars, motorcycles, lorries, utility vehicles, and more.

Logistics: track assets along the supply chain

Many goods, like medicine and food, must be transported with great care and under specific conditions in order to be viable. Valuable and fragile shipments can’t bear any shock alongside the supply chain. Tracking systems report data like temperature, shock, and tilt, which brings key metrics for quality control and traceability. In addition, trackers can collect location data from fleets of returnable containers, pellets, parcels and trolleys, offering valuable insights into the value chain journey.
Construction: fight equipment robberies

Robberies targeting machinery or valuable equipment (like electrical panels and HVAC systems) in buildings are very costly for the construction industry. Protecting your equipment will have a deterrent effect on potential thieves, but if a robbery should occur, tracking information will be key for police services to recover stolen assets and get evidence for prosecution.

Agriculture: Locate and monitor your livestock remotely

Setting and maintaining physical boundaries over large areas is complex and costly for extensive livestock farming. Now, you can keep an eye on every animal equipped with connected collars to collect real time data, including location, speed, body temperature, and stress level.
Tracking is exploding in outdoor sports. Athletes like runners, trailers, skiers, climbers, hikers, and paraglider pilots can track their itineraries without the hassle of carrying a smartphone. It also enables them to send an SOS message if emergency help is needed.

Millions of people mourn their lost cat or dog each year. By placing a connected collar on your pet, you will be notified when your pet leaves home and you will be able to react before it runs too far away. When it’s around your home, it’s also possible to monitor where the pet goes and when. The tracker can also tell owners how much activity and rest their pets are getting each day.

What a nightmare it is to lose your luggage during a trip! Simply put a little tracker in your bag and you can track the position of your suitcase, your golf clubs, or your skis on your smartphone while traveling.
Discover Sigfox Ready devices and IoT end-to-end solutions enabled by Sigfox:
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