NB-IOT TRACKING SOLUTION
A new way to track any kind of asset
We are global providers of innovative enterprise IOT solutions. We offer a variety of standard products based on geolocation and tracking and develop tailored IOT solutions for third parties (our customers give us the idea and we turn it into a reality).

We have offices in Barcelona and New York City. We also have our own production center in Castellar del Vallès (Barcelona), which gives us speed in deadlines and very competitive prices. Our output capacity is over 300,000 units per month.
STANDARD PRODUCTS

iBKS FAMILY
Indoor and outdoor monitoring of assets, with high precision and amazing battery life.
TAILORED IOT PROJECTS
TAILORED IOT PROJECTS

Check more successful projects
TRK
by accent systems

The perfect IOT solution to monitor and track assets with promptness, effectivity and competitive prices.
Every time the **TRK** connects to the cloud server, sends information of coarse location (Antenna ID), fine location if is available (GPS), ambient temperature and battery level.
**BASIC FUNCTIONS**

**GEOLOCATION**
- WPS (Wifi Positioning System)
- GNSS
- BLE beacon for indoor

**SERVICE BUTTON**

**INTERVAL**

**TEMPERATURE ALARM**

**SHOCK DETECTION ALARM**

**LPWAN**
- NB-IOT
- LTE-M
- GPRS

**WPS**
The device scans for the MAC addresses of the surrounding WiFi networks and they’re sent to the cloud. Then, the location is resolved using third parties worldwide databases.

Every time the **TRK** connects to the cloud server, sends information of coarse location (Antenna ID), fine location if is available (GPS), ambient temperature and battery level.
The device uses its GLONASS and GPS receiver to calculate the position and it's sent to the platform.

Every time the TRK connects to the cloud server, sends information of coarse location (Antenna ID), fine location if is available (GPS), ambient temperature and battery level.
BEACONS

The tracker scans for the Bluetooth Beacons previously registered and located in the cloud. If they're detected, the result is sent to the cloud, where the location is resolved.

Every time the **TRK** connects to the cloud server, sends information of coarse location (Antenna ID), fine location if is available (GPS), ambient temperature and battery level.
INMOLECULAR
IOT PLATFORM

A smart, secure, fast and scalable platform as the hub of your connected devices.

3 options

<table>
<thead>
<tr>
<th>Services</th>
<th>Basic</th>
<th>Advance</th>
<th>Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SOS function</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Alarms panel + Geofences</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sensors data</td>
<td></td>
<td></td>
<td>✓</td>
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<td>Routes &amp; Sensors historical</td>
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</tr>
</tbody>
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Is the platform that enables fast connection of things to the Internet, allowing you the ability to completely manage your IOT dashboard and monitor your devices in real-time and get analytic reports.
USE CASES

LOGISTICS

1. Indoor location

2. Real-time location of goods during transportation

3. Delivery information
USE CASES

COLD CHAIN MONITORING

1. Temperature information in real-time
2. Temperature alarm when out of range
3. Less costs (NB-IOT technology)
USE CASES

TRACKING OF MEDICAL EQUIPMENT

- Real-time location of high value equipment
- Indoor positioning
- Information about the state of the machinery
USE CASES

1. Real-time position of animals

2. Position alarm when out of a concrete area

3. Monitoring of movement and routes
The new revolution of the connected world

This technology is developed to enable efficient communication and long battery life for mass distributed devices and uses the already established mobile networks to connect these “things”.

WHY NB-IOT TECHNOLOGY?

PARTNERS OF:

- HUAWEI
- Vodafone
- NOKIA
Depending on technology used:

1. **NB-IOT**

   ![NB-IOT icon]

   or

2. **Multitechnology**

   ![NB-IOT icon] + ![LTE-M icon] + ![GPRS icon]
Depending on battery lifetime:

- **TRK 130**: LiPo rechargeable battery
  
  *Lifetime battery estimation*: 1 data pack per hour = 6 months
TRK 110: 3 Lithium AA batteries

*Lifetime battery estimation:*
1 data pack per hour = 4 years
Enjoy our tracking solution. Manage everything around you!

- Fast implementation of a Plug and Play solution
- See results with real-time data
- Fully-functional solution based in your specific use case