

# ZOZIO

## IOT TRACKERS PORTFOLIO

2024



# IoT trackers for your ROBIN



Zozio works with state-of-the-art IoT providers offering a FullTrack&Trace service.



Several suppliers



Easy to deploy



Indoor & outdoor tracking

Discover the different sensors and technologies.



# Key points of the different trackers

## UWB Tag

« Perfect for ultra-accurate indoor tracking »



- Indoor (outdoor possibility)
- UWB technology
- 50cm accuracy
- Up to 5 years (depending on use)

## BLE Tag BLE ESL

« Perfect for cost-effective indoor tracking »



- Indoor
- BLE technology
- 3m accuracy
- Up to 5 years (depending on use)

## GPS Tag

« Perfect for outdoor tracking in France »



- **Outdoor**
- GPS technology
- 10m accuracy
- Up to 5 years (depending on use)

## GPS Tag (worldwide)

« Perfect for international outdoor tracking »



- **Outdoor**
- GPS technology
- 10m accuracy
- Up to 5 years (depending on use)



# Tag's comparison table

	UWB Tag	BLE Tag	GPS Tag	GPS Tag (worldwide)
<b>Key point</b>	Perfect for ultra-accurate indoor tracking	Perfect for cost-effective indoor tracking	Perfect for outdoor tracking in France	Perfect for outdoor tracking in 150+ countries
Tags name	<ul style="list-style-type: none"> <li>• S Tag</li> <li>• M Tag</li> <li>• XL Tag</li> </ul>	<ul style="list-style-type: none"> <li>• BLE Tag</li> </ul>	<ul style="list-style-type: none"> <li>• GPS LoRaWAN Tracker</li> <li>• GPS LoRaWAN Tracker</li> </ul>	<ul style="list-style-type: none"> <li>• GPS LTE-M Tracker</li> <li>• GPS LTE-M Tracker</li> </ul>
Indoor	✓	✓	✗	✗
Outdoor	✓ Possibility but not accurate	✗	✓	✓
ATEX / IECEX	✗	✓	✓	✗
Technology	UWB	BLE	GPS geolocation LoRaWAN communication	GPS geolocation LTE-M communication
Wireless	✓	✓	✓	✓
Battery	Up to 5 years (depending on use)	Up to 5 years (depending on use)	Up to 5 years (depending on use)	Up to 5 years (depending on use)



# UWB Tag



“ Perfect for ultra-accurate indoor tracking ”



Indoor & outdoor tracking



Dash7 & UWB



	Indoor	Outdoor
<b>Accuracy</b>	Up to 50 cm	3km
<b>Location technology</b>	UWB	LoRaWAN or Dash7
<b>Communication</b>	Dash7	
<b>Features</b>	Accelerometer, PickToLight LED, Button	
<b>Battery</b>	S Tag: Up to 3 years M Tag: Up to 5 years XLTag: Up to 5 years	
<b>Dimensions</b>	S Tag: 92 x 52 x 16mm M Tag: 92 x 52 x 26mm XL Tag: 92 x 92 x 45mm	
<b>Enclosure</b>	IP65 or ATEX / IECEx Zone 2 (option)	
<b>Infrastructure</b>	Wireless	Wireless or need a gateway device if LoRaWAN not available



# BLE Tag



“ Perfect for cost-effective indoor tracking ”



Indoor Tracking



BLE MESH

	Indoor
Accuracy	Up to 3 meters
Location technology	BLE
Communication	BLE mesh
Features	Accelerometer
Battery	Up to 5 years
Dimensions	Various model
Enclosure	Up to IP69k
Infrastructure	Wireless



# BLE Geolocatable Electronic Shelf Label



“ Perfect for cost-effective indoor tracking & floor display ”



Tracking indoor



BLE Mesh

	Indoor
<b>Precision</b>	Up to 3 m
<b>Localisation technology</b>	Bluetooth Low Energy 5.2
<b>Communication</b>	BLE Mesh
<b>Autonomy</b>	3 to 5 years (depending on configuration)
<b>Display format</b>	2.9", 4.2"
<b>Display information</b>	Several patterns available or designed to customer requirements
<b>Display colors</b>	Black, white, red
<b>Additional features</b>	Pick-to-light LED and button
<b>Infrastructure</b>	Non-wired (gateways, anchors, ESL)



# GPS Tag



Tracker (Small Size)



Tracker (Large size)



Perfect for outdoor tracking in France



Outdoor Tracking



GPS & BLE

	supp	Indoor	Outdoor
<b>Accuracy</b>		5m	10-18 m
<b>Location technology</b>		BLE	GPS / LPGPS
<b>Communication</b>		LoRaWAN	LoRaWAN
<b>Features</b>	Accelerometer, temperature sensors		
<b>Battery</b>	Tracker (Small size): 4 years (1 LPGPS fix /h) – <b>8Ah</b> battery Tracker (Large size): > 5 years (1LPGPS fix /h) – <b>19Ah</b> battery		
<b>Dimensions</b>	Tracker (Small size): 112 x 66 x 33mm Tracker (Large size): 145 x 76 x 42mm		
<b>Enclosure</b>	Tracker (Small size): IP68 and Atex 1 or 2 Tracker (Large size): IP65		
<b>Infrastructure</b>		The tracker is positioned thanks to the beacons that surround it	No





# GPS Tag (worldwide)



Tracker (Small Size)



Tracker (Large size)



Perfect for outdoor tracking over 150+ countries



Outdoor Tracking



GPS & BLE

	Indoor	Outdoor
<b>Accuracy</b>	5m	10m
<b>Location technology</b>	BLE	GPS
<b>Communication</b>	LTE-M	
<b>Features</b>	Accelerometer, temperature sensors	
<b>Battery</b>	Tracker (Small size): > 3 years ( 1 position GPS fix /h) Tracker (Large size): > 10 years ( 1 position GPS fix /h)	
<b>Dimensions</b>	Tracker (Small size): 108 x 86 x 30mm Tracker (Large size): 222 x 91 x 41mm	
<b>Enclosure</b>	IP68	
<b>Infrastructure</b>	The tracker is positioned thanks to the beacons that surround it	No



You can lean on us!



+33 6 78 26 99 70



[Alexis.prevot@zozio.tech](mailto:Alexis.prevot@zozio.tech)



[www.zozio.tech](http://www.zozio.tech)

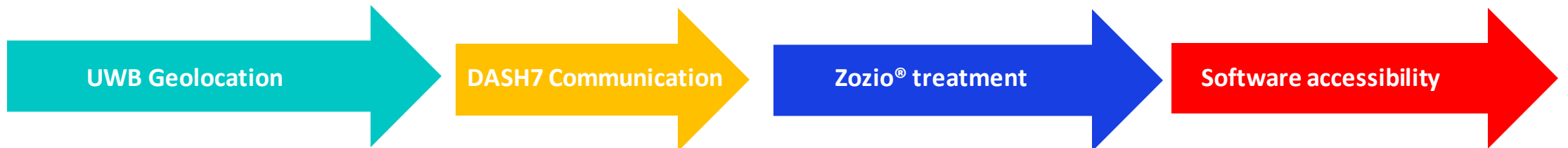
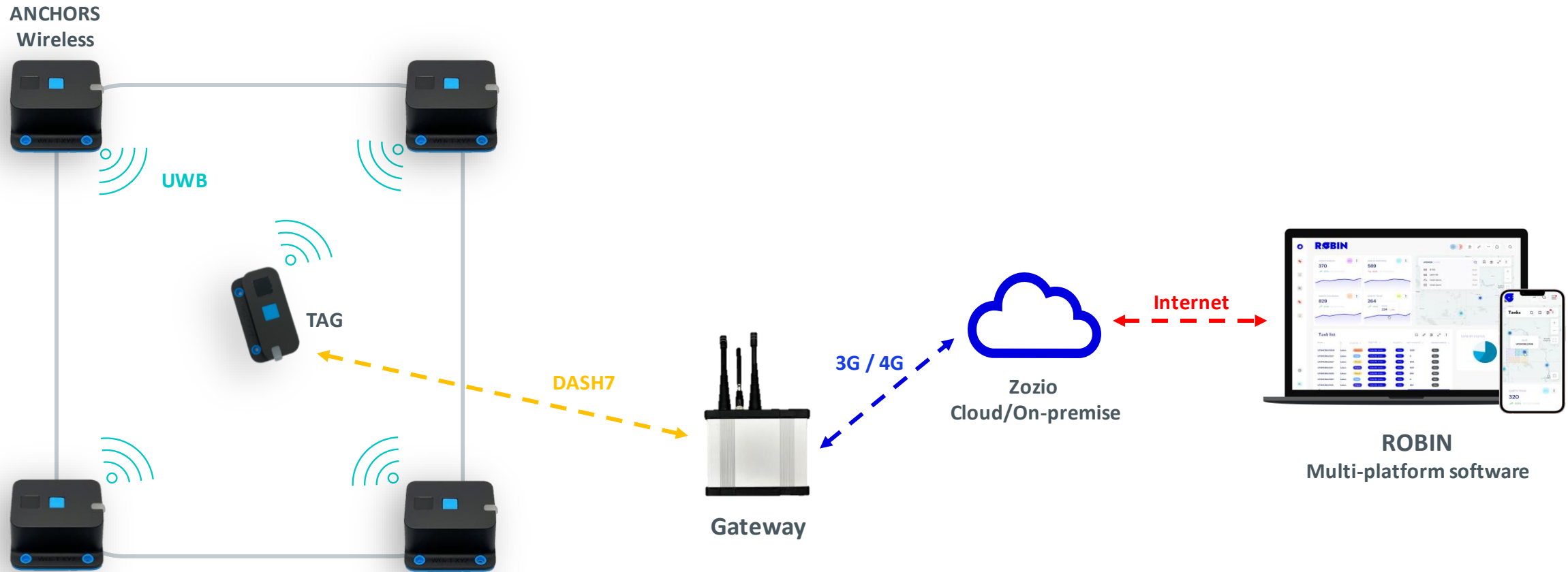


[LinkedIn Zozio](#)

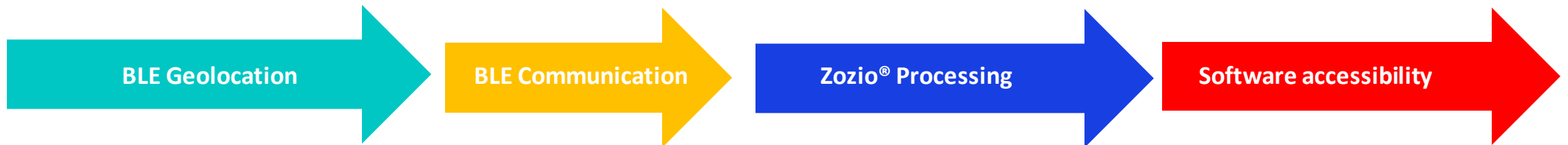
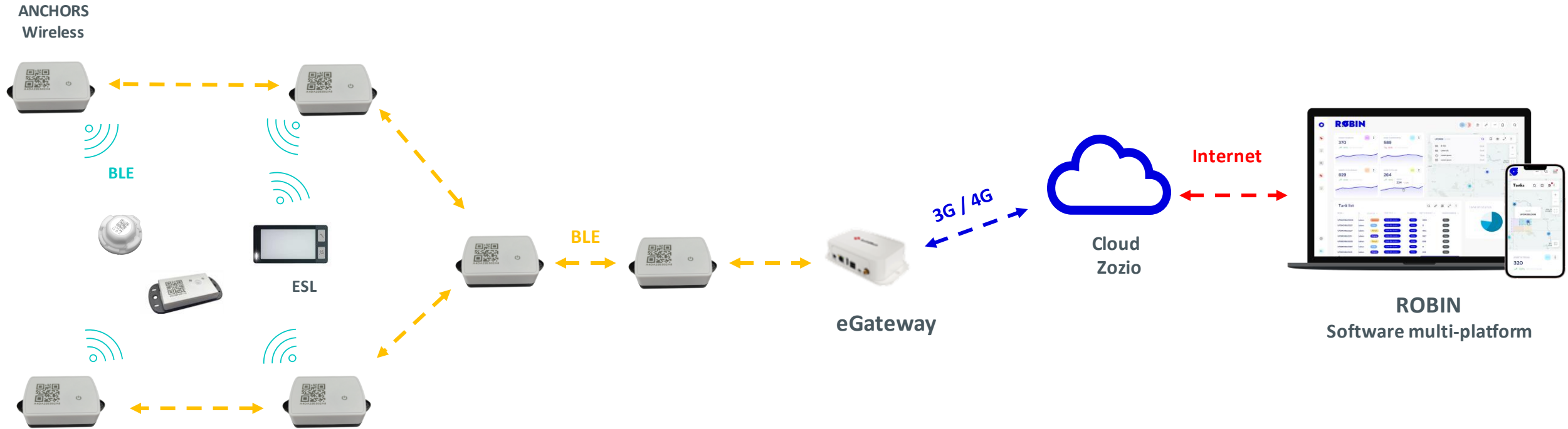


# Appendix

# UWB Indoor Geolocation solution wireless



# BLE tag and ESL Non-Wired Indoor Geolocation solution wireless

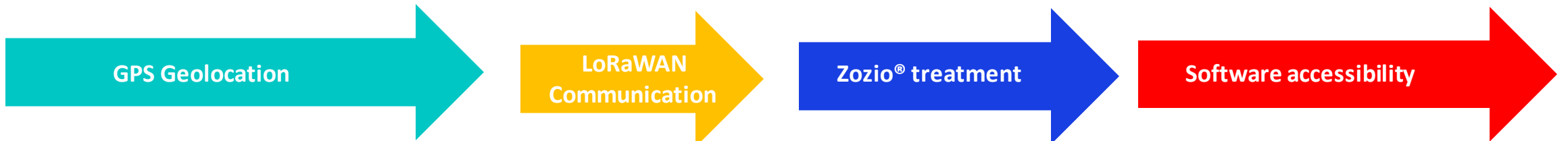
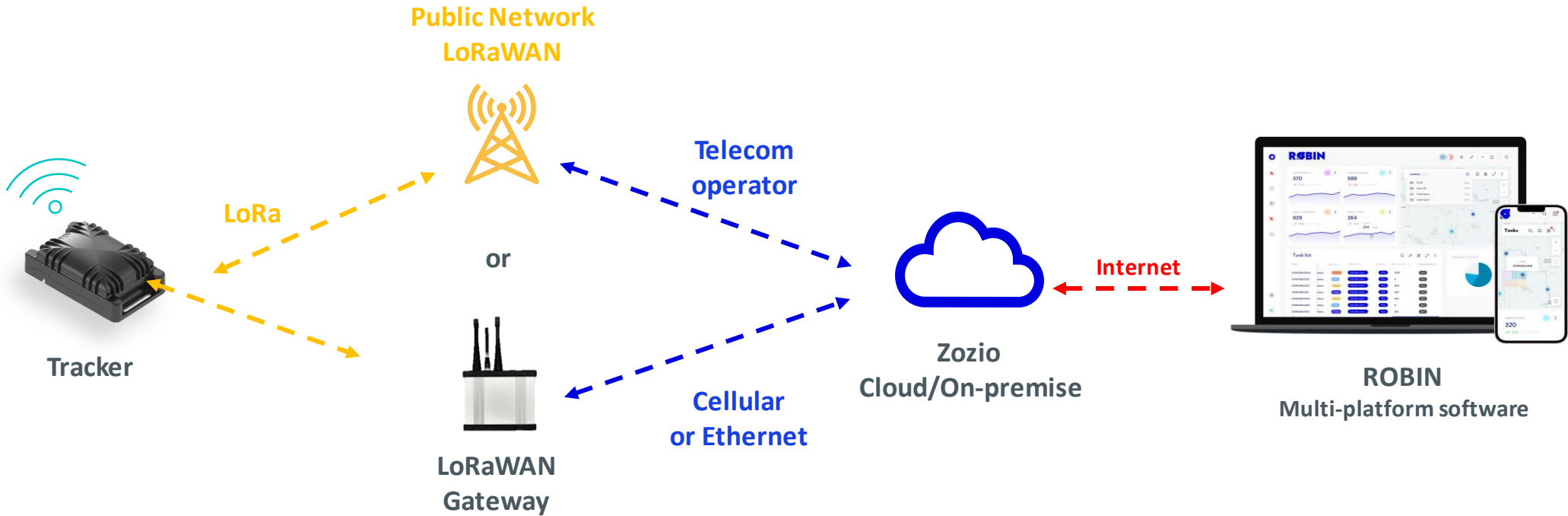


# National Outdoor GPS Geolocation Solution



Location in France

GPS



# International Outdoor GPS Geolocation Solution



Location in over 150 countries



Tracker

LTE-M Cellular

International cellular network

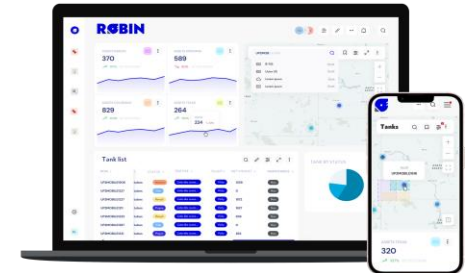


Telecom operator



Zozio  
Cloud/On-premise

Internet



ROBIN  
Multi-platform software

