



SMART TRACKING SOLUTIONS



As critical as manufacturing “something”, is “tracking” and locating it when required. «Personal» tracking is necessary for people control and security in many scenarios.

«Big infrastructure construction requires thousands of parts, not always arriving when required, and being stored outdoors “somewhere”»

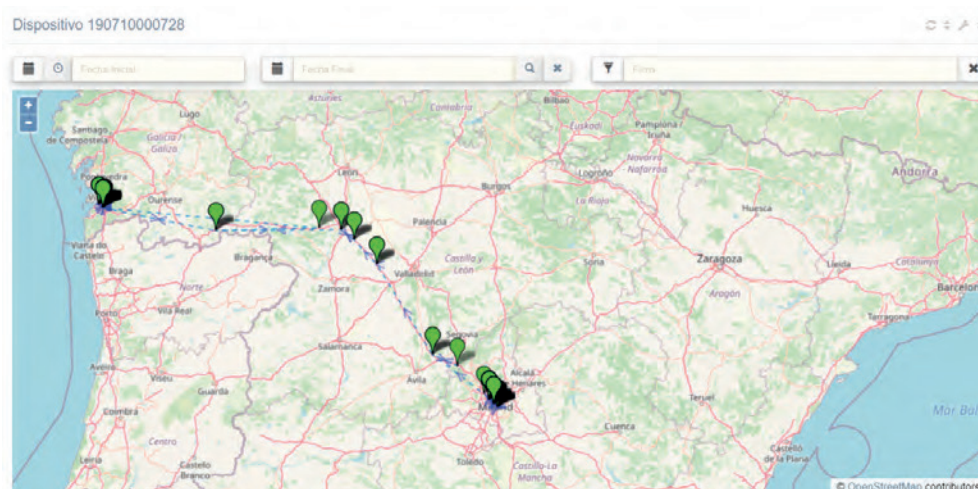
«Vehicle and machinery manufacturing or importing makes necessary large storage areas outdoors»

«Transport and distribution logistics is improved using asset tracking even on “not so high” value assets and parts»

«Monitoring remotely located equipment or devices simplifies logistics and saves costs»

«Factories, big infrastructures, hospitals, universities, city halls, etc. need personal tracking for improving control, security and management of their workers»

Amper's Smart Tracking Solutions provides a complete solution with product portfolio to address any need and has the flexibility to customize the products (hardware, firmware, protocols and form factor) to particular requirement and a Web Platform, that allows traceability of the devices always updated and managed everywhere and every device.



PRECISE LOCATION



UNIVERSAL COVERAGE



OPTIMIZED COST



COMPLETE SOLUTION



INFRASTRUCTURE CONSTRUCTION · VEHICLES STORAGE · MACHINERY · HIGH/LOW COST ASSETS

PRODUCTS

	BLN1007x	BLN1007nbLC	BLN2007x	LRK1004x
POSITIONING PRECISION	HIGH (GPS)	HIGH(GPS,CellID + Wifi)	HIGH (GPS, CellID, WiFi)	HIGH (GPS)
SENSORIZATION	Accelerometer Temperature	Accelerometer Temperature	Accelerometer Temperature	Accelerometer Temperature
APPLICATION	Static Asset tracking (general)	Pallet tracking (low cost)	Static Asset tracking (general)	Personal tracking (general)
BATTERY	Single use	Single use	Single Use	Single use
COMMUNICATIONS	IBW* /LoRa** NB-IOT	NB-IOT	LTE-M/NB-IOT Fallback 2G	IBW*/LoRa**/NB-IOT Bluetooth 4.2
REQUIRES TELCO FEE	NO/YES/YES	YES	YES	NO/YES
PRICE	Low	Low	Mid	Low
AVAILABILITY	IMMEDIATE	IMMEDIATE	IMMEDIATE	IMMEDIATE



* Proprietary communications trackers require BLN1000 Gateway.
 ** LoRa Gateway is required.

SUCCESS STORIES

Spain



Pallet manufacturing
 Operational since 20189
 BLN1007nbLC
 Over 1,5 Million in 3 years

Saudi Arabia



Power plant construction
 Operational from January 2019
 BLN1007, BLN1000gw and LRK1004
 Over 20K BLN1007, 1K5 LRK1004

Spain



Logistic company
 Operational from 2020
 BLN1007
 Over 15K in 5 years