

A close-up, low-angle shot of a mechanical assembly, likely a timing belt system. The image is dark and moody, with a focus on the metallic components. A timing belt with a ribbed surface runs diagonally across the frame. Several pulleys of different sizes are visible, some with bolted covers. A metal bracket or arm is positioned above the belt. The overall aesthetic is industrial and technical.

waylay

DATA SHEET

Waylay For Smart Logistics



Waylay for Smart Logistics

As a company that ships and receives valuable goods, imagine having a **live asset management system** that enables you to have full visibility over both the *position* and the *condition* of all your goods at all times throughout the logistics chain. This smart system enables you to track your non-powered assets in transit directly, and not just the vehicles transporting them, as with traditional track-and-trace.

Moreover, it interconnects to your existing IT infrastructure and systems and to any other third-party service that you may use in order for your staff or your customers to have an integrated experience around the assets.



With the advance of LPWAN communication technologies such as Sigfox, LoRa or NB-IoT, increased availability of 5G and of low-power battery enabled sensors, companies across many asset-intensive industries can now benefit from smart asset localisation and condition monitoring. Benefits include: **optimized operations, improved planning and reporting, reduced costs, improved overall efficiency of processes** and launching new services to customers.

For smart asset management IoT applications, we work with companies in the following industries:

- | | |
|--|---|
| <ul style="list-style-type: none">○ Logistics○ Manufacturing○ Retail○ Utilities | <ul style="list-style-type: none">○ Transportation○ Healthcare○ Consumer Goods |
|--|---|

waylay

Are these your challenges?

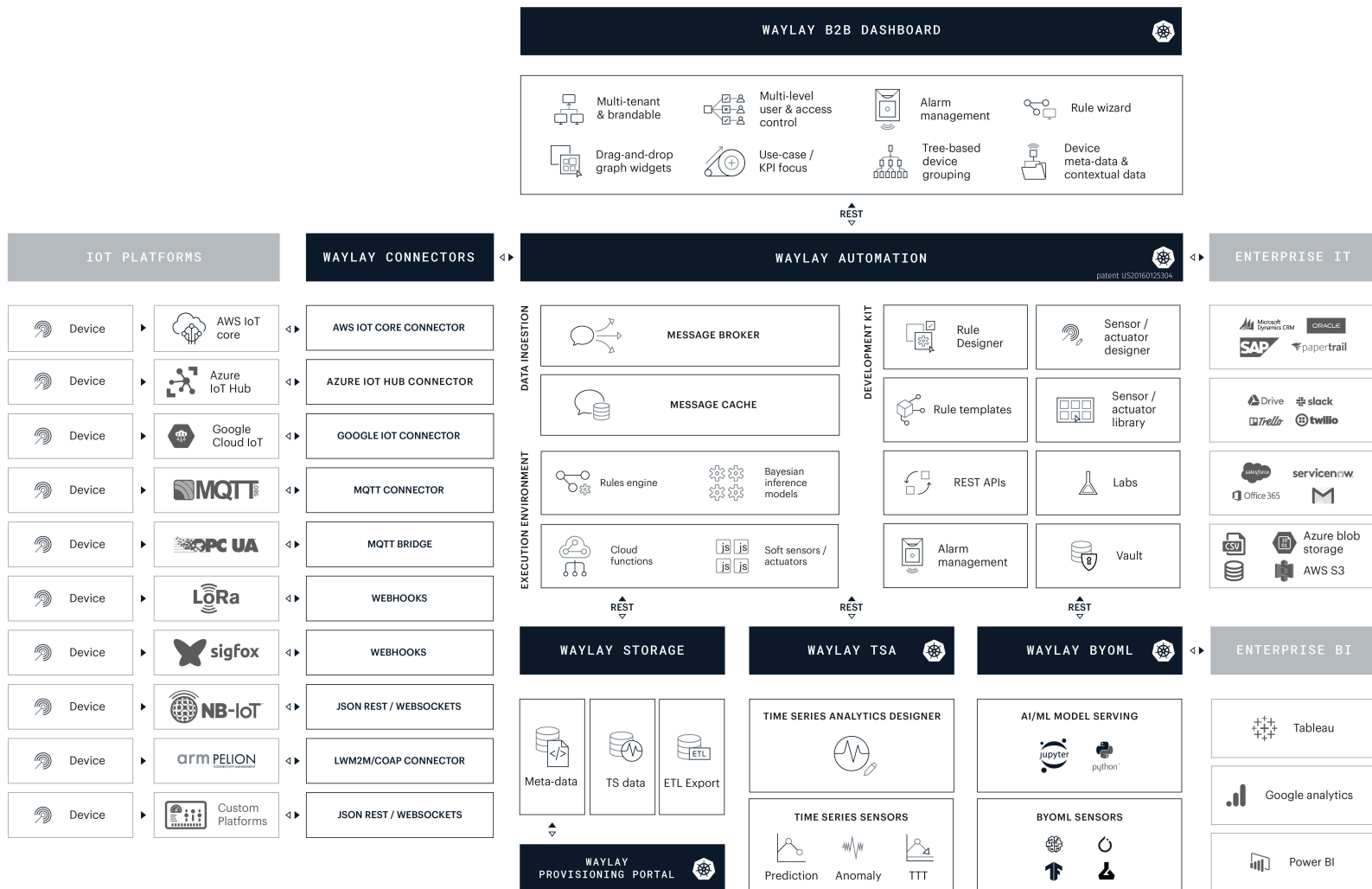
1. **Wasted time** spent trying to locate your assets stuck in the logistics chain at various customers or suppliers
2. **Difficulty monitoring inventory** levels of your asset
3. **Delays in transit** schedules and consequent cost increases
4. **Loss / theft of assets** due to poor management in transit
5. **Increased costs** due to the rental of replacement assets (because of damage or loss)
6. **Spoiled goods** (interruptions in refrigeration for cold chain logistics)

The Waylay Solution

Waylay is an IoT orchestration platform that connects your assets (be they **stationary** or **in transit**) to your IT systems and provides:

- | | |
|---|--|
| <ol style="list-style-type: none">1. Interoperability - off the shelf integration with smart devices from different vendors working together in the same solution, native integration with LPWAN, easy integration with all your company's data sources, such as legacy M2M systems or enterprise IT systems (ERP, CRM etc.)2. Automation & alerting whenever your asset is too long at a site, or too long in transit, when it moves in or out of a geofence, whenever certain temperature thresholds are crossed etc.3. Visualisation - off-the-shelf, self-service data visualisation dashboard with an overview of each of your assets locations, their location history, alerts panel and other key metrics | <ol style="list-style-type: none">4. Powerful API allows you to build customized dashboards for your different stakeholders. Whether internal or external, your solution has to cater to the requirements of different audiences. We enable each group you define to have different access to different data or to perform different actions5. Openness and flexibility - avoid vendor lock-in and be free to always choose the best of breed partners both at the device and application side6. Compatibility - with multiple localisation technologies (triangulation, gps, beacon)7. Modularity - gradually expand the scope of your solution over time as APIs get upgraded |
|---|--|

Waylay Platform Architecture



Learn more



Discover all publications

Tap into our domain knowledge on technology and industry trends by reading the latest [white papers](#).

Learn more about the Waylay product by downloading our product and solution [data sheets](#).



Discover all videos

Learn from our IoT ecosystem partners by registering for upcoming live or past on-demand [webinars](#).

Learn more about the Waylay product by watching our product introduction and feature release [videos](#).



Get a free demo
www.waylay.io/get-demo



Visit our website
www.waylay.io



Get in touch
sales@waylay.io
+32 9 311 55 66