

Soly™

Smart Mobile robotics
for intralogistics automation

Much more than an AGV

The SOLYSTIC solution based on a fleet of mobile robots handling objects (parcels, trays, products, etc.), managed in real time by an Information System.



APPLICATIONS

Soly™ Sequencer

Automatic preparation of the parcels delivery round for parcels and B2C logistics operators.



The creation of product batches (e.g. home shopping delivery, shops refurbishment) for retailers and industry.



Soly™ Sort

Sorting of parcels, B2C packets, bundles, in any types of container (tray, roll, cardboard) based on delivery address automatic recognition.



Soly™ Move

The movement of bulky objects incompatible with traditional sorters.

Handling full bins on mail and parcels processing equipment.



Soly™ Cart

Dynamic trolleys and rolls handling



VALUE PROPOSAL

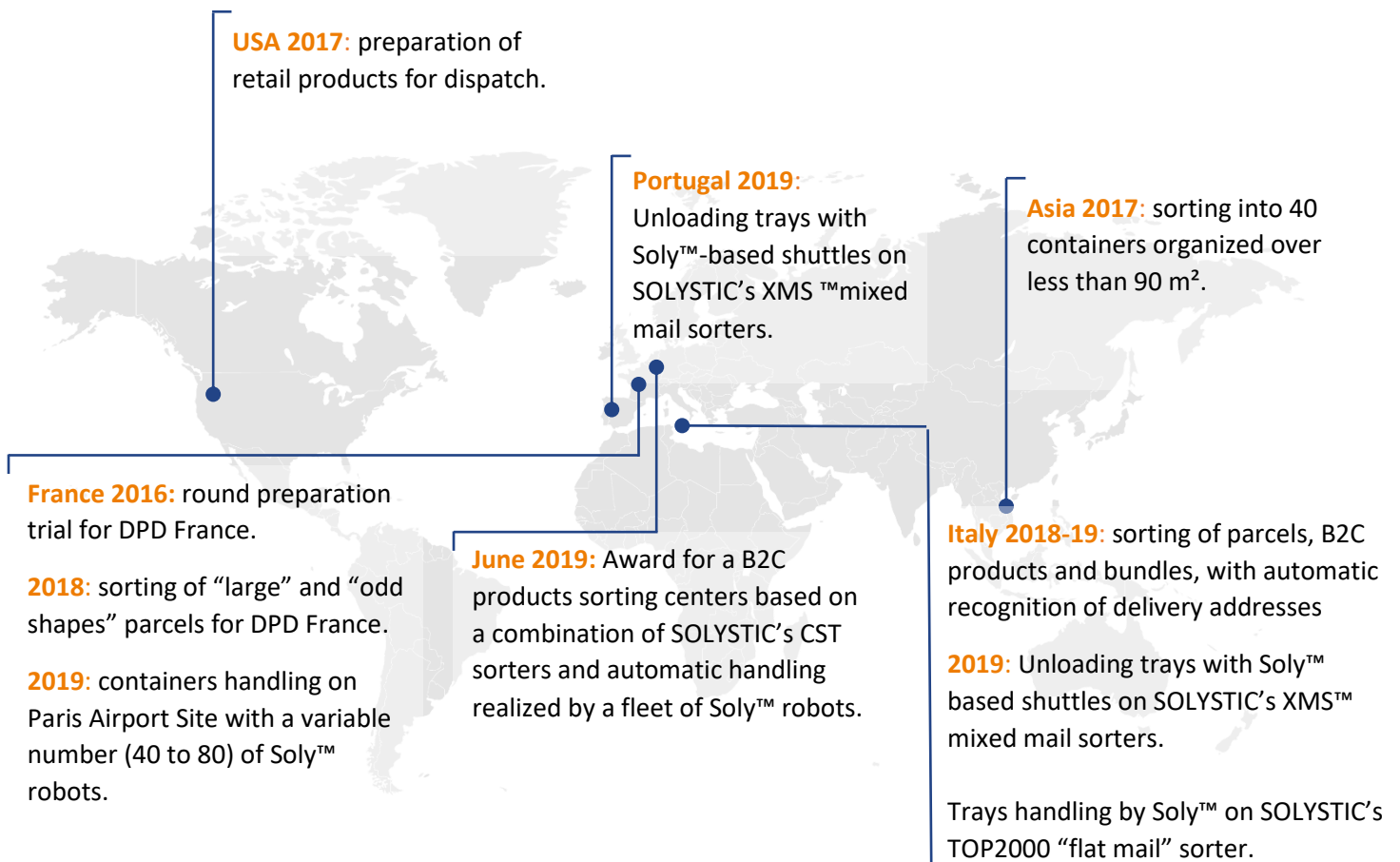
- Dynamic behavior – instead of “static” and repetitive paths
- Avoid heavy and repetitive manual tasks
- Improves efficiency and reduces operating cost
- Easy to set-up and move, no fixed infrastructure required,
- Operating area shareable with other activities
- Flexibility: configurations, peaks of volumes
- Possibility of automatic loading/unloading
- Using SOLYSTIC' SOSi™ software, we create a “digital twin” of any configuration, to simulate and adjust the behavior.

Soly™ is managed by an information system, allocating assignments to robots and managing the traffic.

Soly™ mobile robots handles any type of load with a high level of accuracy.

Soly™ can be used for any type of bespoke application, according to your needs.

REFERENCES



TECHNICAL FEATURES

| | |
|------------------------------|--|
| Speed of movement | Configurable (e.g. 1.20m/sec) |
| Load capacity | Up to 200kg |
| Battery | Autonomy : 8h, automatic replacement and loading |
| Security | Safety Lidar, ultrasonic sensor |
| Precision of movement | ≤1cm |

▶ PARCELS

▶ MAIL

▶ SERVICES

▶ IT SOLUTIONS

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