



AGILITY
at the service
of intralogistics

EDITORIAL

“As an industrial partner of the world’s leading providers of parcel and mail processing, SOLYSTIC is a world leader in the automation of sorting activities.

Combined with its expertise, SOLYSTIC’s creativity and agility make it a company that is constantly forging ahead.

Always seeking to put people at the heart of any issue.

Capable of imagining:

- how to improve the human-robotic link,
- how to build progress on a virtual basis,
- how to add value and deliver flexibility.

Put simply, we aim to deliver useful innovation. This is our only guideline.

The one that has driven us for seven decades.”



Pierre IGOU,
Chief Executive Officer

OUR SOLUTIONS

Deliver value & flexibility

French know-how

SOLYSTIC, a medium-sized business, gets ahead of the challenges of e-commerce and parcel delivery by mail, by optimizing the internal logistics of the industry and its supply chain, warehouses, distribution centers and factories.

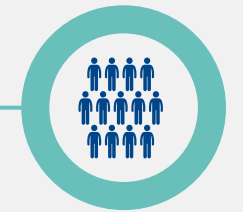
The core business of this global leader providing **end-to-end solutions** is **rapid automation of its customers' intralogistics**, from sorting machine design to logistics hub integration, relying on digital technologies.

Today, this Northrop Grumann subsidiary’s innovative know-how is deployed across five divisions:

- automatic sorting and handling
- mobile robotics
- real-time data and image processing
- modeling, simulation and creation of digital twins
- services throughout the facility lifecycle.

SOLYSTIC in figures

500 employees
in the Drôme area
in the south of France,
in Paris and in Belgium



Sales worth
€100 million
**of which 80%
from export**



A story that
starts in the
1950s



Present on
5 continents



Significant and
constant investment
**in R&D
(6% of sales)**



Automation of intralogistics



Industry 4.0: new challenges for SOLYSTIC

Boosted by SOLYSTIC's long-standing **expertise**, its cutting-edge innovation technologies are evolving to support the development of its customers: postal industries, express mail and parcels, and Retail, which are undergoing significant transformations. SOLYSTIC's agility allows it to address a wide variety of projects focusing on handling **flows**. This applies regardless of the size of the customer company.

SOSi™, SOLYSTIC's platform for creating digital twins, is emblematic of SOLYSTIC's involvement in the industry of the future, where the virtual world and the objects of the real world converge.

SOSi™ is a platform for simulating and creating the "digital twin" of an industrial or logistics process and its supply chain. SOSi™ is capable of virtually reproducing a factory or an industrial process.

SOSi™ covers the entire industrial supply chain, including suppliers, factories, subcontractors, means of transportation. Acting on the model by means of scenarios, it becomes easy to cut back production cycle times. SOSi™ gives the customer constant visibility of the model; this visibility allows him to compare the intended operation predicted by the model with the actual operation of equipment and systems, moving at will through time, which SOSi™ makes truly elastic.

Finally, SOSi™ reduces the need for modeling and prototyping, and as a result, reduces recycling.

"Our job is not to manufacture machines: it is mastering new technologies to create value-added solutions for our customers."

Pierre IGOU
Chief Executive Officer

About SOLYSTIC

SOLYSTIC's history started in the 1950s, within the Thomson group. Acquired by the CGE group in the 70s, the young branch was ceded to Alcatel-Alsthom in the 80s. SOLYSTIC became a separate company in 1994, and subsequently a subsidiary of the American group Northrop Grumman in 2001.

Over the decades, the company initiated or adopted innovations that profoundly changed the face of postal logistics. The entity that became SOLYSTIC was part of all the advances that enabled machines to assist men and women in the tasks of sorting items and preparing loads for transportation. Among many other examples, in 2015 it marketed the first fleet of robots for parcel logistics, and in 2019 it launched the most compact sorting solution for small parcels.

The only existing solution to sort all mail
(XMST™)



The most compact small parcel sorting solution on the market
(CST)



The capability to equip the largest
logistics hubs



expe rience

FOR SOLYSTIC, INNOVATION only makes sense if it is useful

Every year **20 billion parcels** are distributed worldwide.

Object flows are multiplying. The issues of e-commerce and B2C operators are becoming more complex.

The needs of SOLYSTIC's customers change accordingly:

- need to constantly adapt to market developments
- increased competitiveness without compromising service quality
- improved logistics processes in the service of human performance and comfort.

SOLYSTIC's response is driven by the culture of innovation that is part of its DNA.

Its innovations are designed to be useful: **optimize flow processing, improve operators' working conditions and facilitate their collaboration with robotics, reduce the footprint of automated equipment.**

To this end, the company constantly monitors societal and environmental change issues. It designs and assembles its solutions on its industrial site in the south of France. Its solutions can be tailored to the needs of its customers, with whom it sets performance requirements.

To achieve this aim, SOLYSTIC invests 6% of its revenue in R&D.



Shared innovation

SOLYSTIC works with manufacturers and research labs to develop innovative projects around emerging technologies and processes, and open up new avenues to explore. Specifically, the company is a member of Minalogic, the digital technology competitiveness cluster in the Auvergne-Rhône-Alpes region.

Numerous **awards** in innovation competitions



Creating a win-win relationship between human and robotics

With Soly™, SOLYSTIC invented a new approach to robotics.

This first mobile robot's mission is sorting parcels, preparing a carrier's route, transporting objects in an intralogistic flow. Soly™ develops businesses' competitiveness, increasing their profitability and their service quality. This flexible mobile robotics solution was also designed to improve working conditions, in particular by reducing musculoskeletal disorders (MSDs). It also helps deal with seasonal changes in business volumes, adapting to its variations.

A portfolio of **over 800** patents



More than 4,000 machines supplied to global postal operators



perform ance

BEING CIVIC-MINDED AND RESPONSIBLE and proving it

Since 2009, SOLYSTIC supports the United Nations Global Compact, which brings together the working world and civil society around ten universally-recognized principles to build more stable and inclusive societies. Its social model is based on dialog and shared values. At SOLYSTIC, every person has the opportunity to be involved in their development within the company.

SOLYSTIC's CSR approach is based on commitments. These include:

- improving the quality of life of the teams using its solutions
- fostering responsible purchasing and local partnerships
- reducing its negative outflows by preventing any form of pollution, reducing its waste and its consumption.

SOLYSTIC's CSR plan is assessed by Ecovadis, an independent body. It scored 73 over 100 in 2018, which puts the company at an "advanced" level, i.e. among the top 3% of the thousands of companies rated.

In 2018, SOLYSTIC recycled 2 tonnes of office paper, which enabled 160 notebooks to be produced thanks to the operation "used paper for schoolchildren's notebooks" for the Recyclage Écocitoyen association and the IRIS ESAT in Bobigny.

"Extending a machine's service life is the most responsible solution to reduce the environmental impact of our customers' activities."

Jacques PETIT,
Product Manager

Repairability and combating obsolescence

SOLYSTIC regularly improves its machines by incorporating environmental constraints into its development work. Reducing the amount of electronics, offering customers dismantling support and the choice of raw materials, are all taken into account during design. Thus it offers new answers: **repairability, extended service life of machines and systems, fight against obsolescence of parts or components.**



Atlas: a major project promoting community living

In 2020, SOLYSTIC will leave its historic site in Bourg-lès-Valence (Drôme) to settle a few kilometers away in Alixan. In choosing the Rovaltain business park, SOLYSTIC is remaining true to its CSR commitments. This business project, known as ATLAS, has a strong environmental and societal footprint.

From the technical viewpoint: lower energy consumption, maximized natural lighting, analysis of the carbon impact of materials, etc.

From the societal viewpoint, the site will gather under the same roof the production units and tertiary activities. In addition, the proximity of the TGV railway station will facilitate employee mobility.

The Rovaltain park also has a **35% green space requirement** for the site. It will be heavily planted with local species and those promoting biodiversity. Finally, the site is aiming for **"Breeam In-Use" Good level** certification for its environmental approach, from design to operation.

80%
of French
subcontractors



70%
of purchases
in the Auvergne-
Rhône-Alpes region



A new
HQE
Entity



35% of
green spaces
planted with
local species



responsibility



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