Roll container management - Increased efficiency through optimal utilization
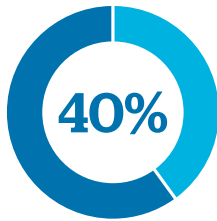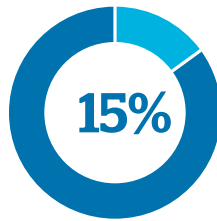
Atos

The simple roll container, often used in the transportation and logistics industry, is the physical trolley, or container, for moving parcels from A to B.
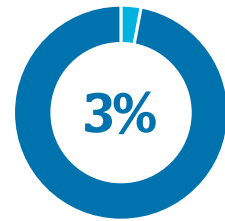
Hundreds of thousands of roll containers, loaded with packages of various sizes, are currently in trucks, trains or airplanes, and are being loaded and unloaded in warehouses, or sitting unused in depots. Three problems that typical transportation and logistics companies struggle with are:

40%

Up to 40% of the roll containers are not used for ten months of the year and must be stored temporarily.

15%

The current location for up to 15% of the roll containers is unknown.

3%

Approximately 3% of the roll containers are written off as shrinkage every year.

Our solution - digital transformation

The optimal utilization of roll containers can be achieved only through digitalization. IoT beacons, based on Bluetooth technology, are fitted to the roll containers and broadcast their location and their current payload to readers. These are installed in storage rooms, loading and unloading bays or on trucks. Edge and cloud technologies consolidate this location data, and the payload of each individual roll container, enabling them to be used efficiently, as well as to manage their lifecycle.

Consider using roll containers as a service - we buy your roll containers

The special feature of our offer is that we buy the roll containers and lease them back to clients through multi-year contracts, enabling our clients to transform CapEx into OpEx. Clients can then use the freed-up capital on areas such as Research & Development or Mergers & Acquisitions.

Providing our clients with added value

Reduced storage costs

Reduced shrinkage

Increased efficiency through optimal utilization

Zero capital expenditure (CapEx)

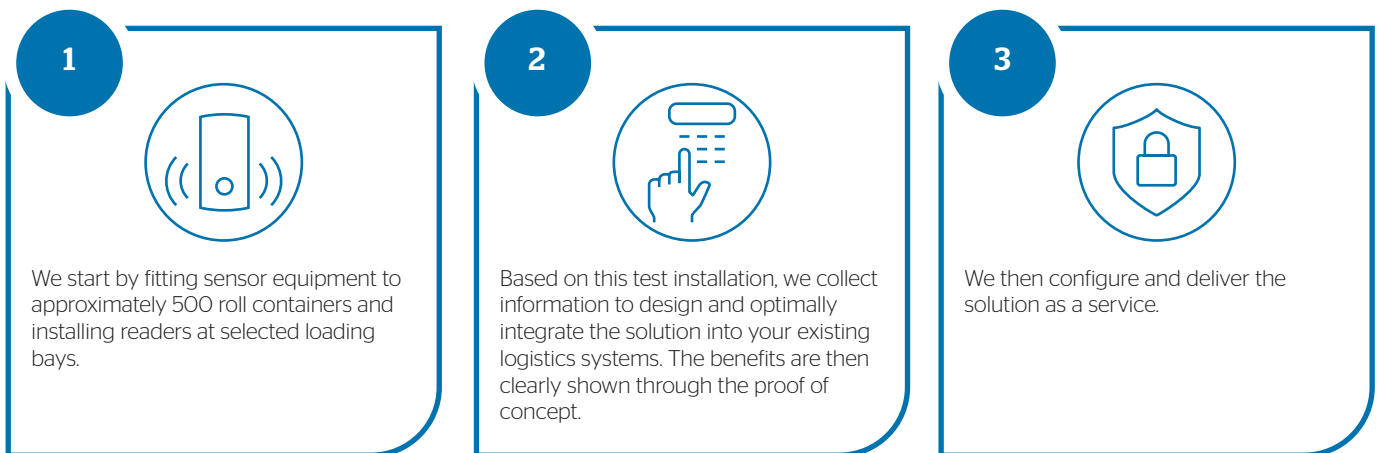Cash (*)

Costs

Quality

Sustainability

Performance

Optimized logistics can contribute significantly to reducing carbon footprint

* The current equivalent value of the roll containers will be paid in full to the client at the start of the contract

Interested? Start a proof of concept with us

1
We start by fitting sensor equipment to approximately 500 roll containers and installing readers at selected loading bays.

2
Based on this test installation, we collect information to design and optimally integrate the solution into your existing logistics systems. The benefits are then clearly shown through the proof of concept.

3
We then configure and deliver the solution as a service.

Why Atos?

- Our team of experts has over 30 years of experience in transportation and logistics::
  - Operational excellence
  - Business process redesign and change management
  - Systems integration, application management, solution design and managed services
- Strong competencies in project management, agile development, ITIL service management, as well as in Scrum and DevOps methodologies.
- Our partnerships with the world's leading IoT and cloud service providers will ensure your project is a success.

About Atos

Atos is a global leader in digital transformation with 110,000 employees in 73 countries and annual revenue of € 12 billion. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos|Syntel, and Unify. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Find out more about us
atos.net/logistics

Let's start a discussion together