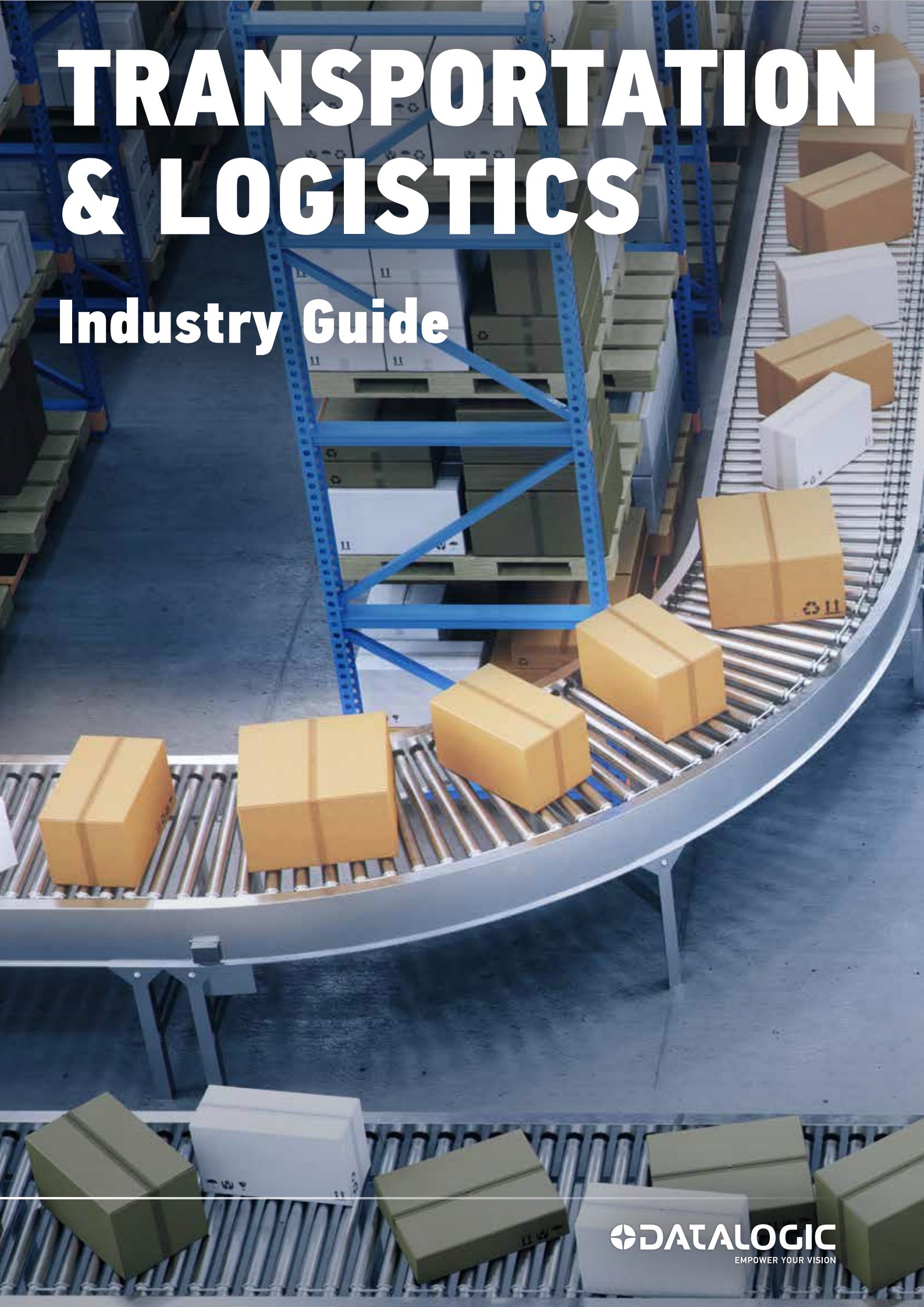


TRANSPORTATION & LOGISTICS

Industry Guide



We ensure efficient and effective Data Collection to Courier-Express-Parcels, Airports, Warehouse operators and sorting processes with best in class Integrated Solutions, robust Project Management, and unparalleled Technical Support.



POSTAL



LOGISTICS



AIRPORTS



COURIER & PARCELS

POSTAL

- **Mobile Computers**
- **Stationary Industrial Scanners**
- **Industrial Hand Held Scanners**
- **Sensors & Safety**

Postal services worldwide rely on Datalogic technology to ensure smooth and efficient movement of mail. Datalogic sensors and vision systems detect, size, weigh, and sort parcels at sorting facilities. Datalogic hand held scanners and mobile computers are used in postal offices for retail transactions, drivers license parsing, and to facilitate delivery with confirmation and signature capture.

LOGISTICS

- **Stationary Industrial Scanners**
- **Industrial Hand Held Scanners**
- **Mobile Computers**

Dedicated Logistics and Third Party Logistics (3PL) organizations keep commerce in motion moving materials to factories, stock to distribution centers and items to retailers. To keep this flow of efficiency, logistics organizations rely on Datalogic products and technology. Vision systems, smart cameras, sensors and fixed bar code readers track items as they travel on high speed conveyors while industrial hand held scanners and rugged mobile computers put automation in the hands of workers as they ship, receive, pick, pack, and palletize.

AIRPORT

- **Mobile Computers**
- **Stationary Industrial Scanners**
- **Industrial Hand Held Scanners**
- **General Duty Hand Held Scanners**

To keep travelers moving and tight schedules on time, airports rely on Datalogic data capture solutions. Datalogic imagers, long range scanners and cameras keep baggage and cargo moving while hand held scanners and mobile computers check boarding passes, track assets, and validate luggage as it is loaded. Dimensioning solutions also support exact cargo and baggage loading.

COURIER & PARCELS

- **Stationary Industrial Scanners**
- **Dimensioners**
- **Mobile Computers**
- **Rugged Hand Held Scanners**

Enterprises rely on couriers to keep merchandise and materials moving efficiently while maintaining security and traceability. When merchandise is being loaded, Datalogic dimensioning solutions, sensors and vision systems track parcels onto the carrier and support exact cargo loading. Mobile computing and hand held scanners from Datalogic ensure visibility through the final details such as last minute activities with delivery confirmation and signature capture.



CUSTOMER SERVICE ORGANIZATION

Datalogic's Customer Service Organization offers a wide and complete range of post-sales services. It is organized in three levels of support, in order to guarantee the most appropriate professional assistance based on the specific problem. Datalogic's Customer Service can deploy in each territory a team of multi-lingual professionals, with a broad technical expertise across the whole product range.

Our standard service portfolio includes: warranty extension, fast turnaround time for repairs, 24/7/365 phone support, next day on-site intervention and site audits. Datalogic can tailor the service offering to your specific needs. Our experts will support every stage of your projects, from feasibility study to extended post-sales support, performing, when necessary, root cause analysis and remediation.



EASEOFCARE Service Programs

Datalogic's EASEOFCARE Service Programs provide superior lifecycle support to ensure that products are always operating at peak performance. A variety of Service Programs are available to match your business requirements:

EXTENDED RANGE OF COVERAGE
(3 and 5-year options available)

FASTEST REPAIR TURNAROUND TIME

ENHANCED FREIGHT CONDITIONS

FACTORY PARTS AND PROCEDURES

SELECTED FACTORY UPGRADES

BATTERY MANAGEMENT

Please contact your sales representative to find out what type of services are available in your region.

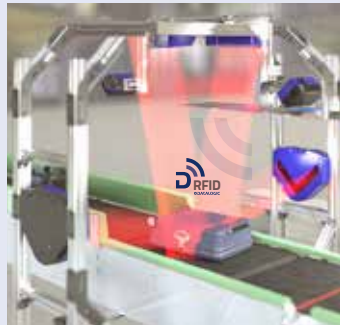
www.datalogic.com

AIRPORT



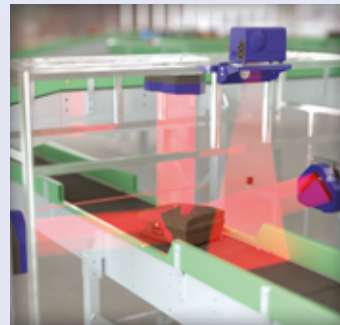
1. Check-in and baggage drop-off handling

Datalogic bar code readers scan passenger boarding passes on paper or mobile phones at various points inside of airports. Hand held units and OEM engines easily integrated into small kiosks quickly and efficiently process passengers through boarding and security checkpoints.



2. Baggage handling systems

Datalogic technology is integrated into baggage handling systems for reading bar codes on checked luggage. Imaging technologies and RFID readers can also be implemented to improve performance of identification and maintain traceability of luggage as it moves through the system.



3. Out of Gauge

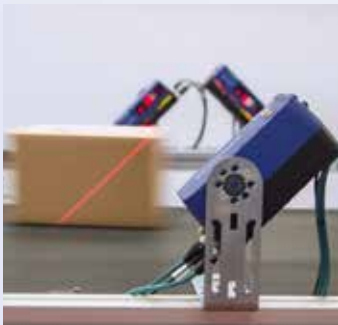
Dimensioning systems from Datalogic automatically analyze luggage in motion along the handling system. This allows the rerouting of oversized pieces or out of compliance luggage, while X-RAY machines inspect the contents.



4. Baggage & cargo reconciliation

Effective tracking of luggage and cargo loaded into airplanes is maintained using Datalogic mobile devices, industrial scanners and mobile computers. Built tough to survive rugged use at fast-paced airports, while using Wi-Fi to maintain traceability in real-time.

COURIER & PARCELS



1. Inbound & Induction

While off-loading vans, trucks, trailers, and airplane containers, Datalogic technology makes identification of parcels easy as they are moved into the main facility. Bar code information on each parcel is read by automatic stations of cameras or laser based scanners, that direct it to the right location and maintain traceability.



2. Sorting

Single or multi-sided scanning tunnels with integrated Datalogic dimensioners, linear cameras or laser scanners, identify and sort packages on high speed sorting systems. Dimensioning systems are required by regulations for certified trade and real-time image storage is used for Videocoding and OCR (Optical Character Recognition). Real-time pattern recognition technology identifies hazardous material labels helping affect sort decisions.



3. Outbound

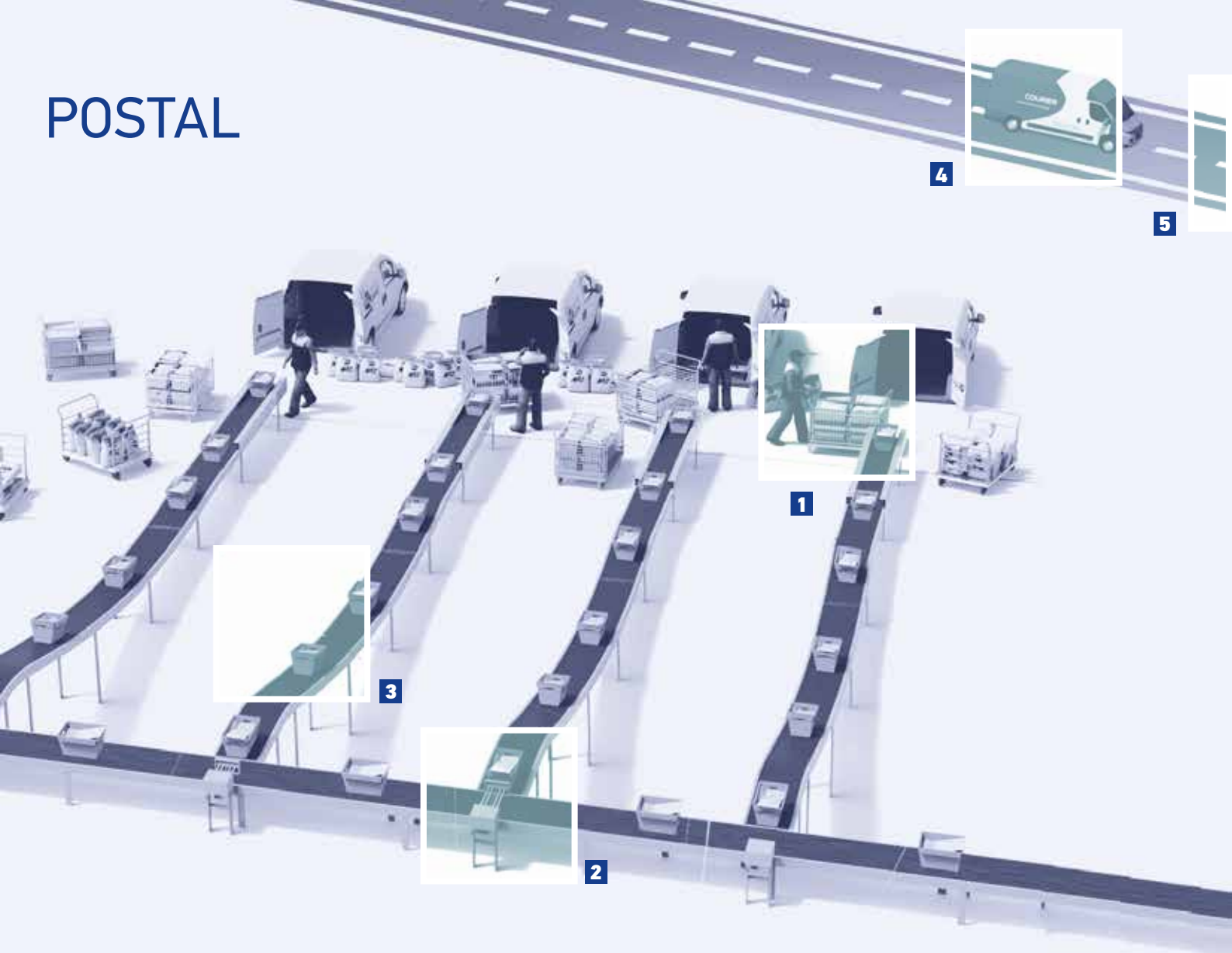
Intelligent outbound systems with integrated Datalogic vision systems, smart cameras, RFID readers, dimensioners or fixed scanners execute the automated assignment of packages. Bar code labels are automatically affixed to parcels then automatically detected and verified by Datalogic reading systems. Manual operations for pallets or larger freight are executed by staff supported by industrial hand held scanners and PDT mobile computers.



4. Field Mobility

During the final stage, often defined "last mile delivery", and becoming more and more important, as a result of the e-Commerce booming, drivers equipped with Datalogic mobility solutions verify package pickup and delivery, collect signatures and accept payment, all while in constant communication with operations and support via voice, data or text.

POSTAL



1. Inbound & induction

While off-loading vans, trucks and trailers, Datalogic technology makes identification of a large range of of items, from poly bags to parcels easy as they move into a main facility. Bar code information on each item is read by scanners to direct it to the right location and maintain traceability.



2. Small parcels sortation

Small parcels sortation solutions from Datalogic provide an easy to use, flexible, and fully automated solution to process small items and parcels, typically coming from on-line shopping. These solutions are modular and can be installed using minimal floor space. They can integrate in-motion scales and label printer applicators while providing full reporting and diagnostics functionality. These Datalogic systems are used in eCommerce, as Postal companies usually provide logistic services for on line shopping.



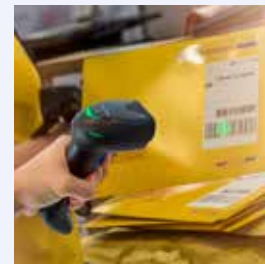
3. Parcel transporting and sortation systems

Barcode reading and item detection allows parcels to be distributed to the proper areas of the distribution center safely, fast and accurately. Oversized and small items are processed using multiple conveying technologies including high-speed systems for fast sorting applications.



4. Field mobility

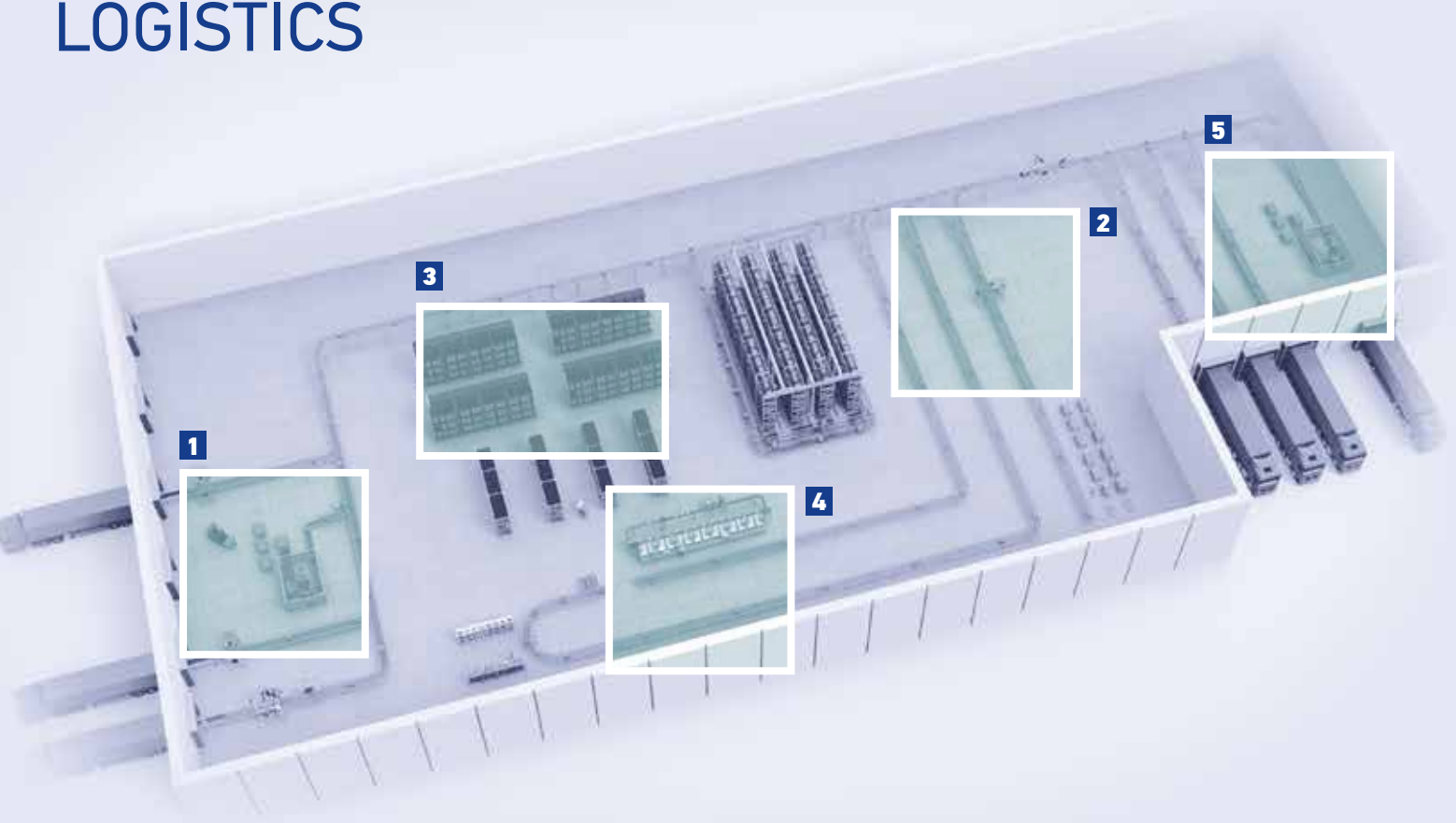
During the delivery phase, drivers equipped with Datalogic mobile solutions will verify package pickup, delivery, collect signatures or accept payment electronically. The mobile solution processes and updates this data in real-time, allowing delivery drivers to be in constant communication with operations via voice, data or texting.



5. Point of sales

Datalogic hand held single plane fixed imagers and mobile computers are used in postal offices for retail transactions, driver's license parsing, and to facilitate delivery with confirmation and signature capture.

LOGISTICS



1. Receiving

This is a very important part of the process, as once the goods are accepted, the goods ownership changes as well. Datalogic technology powers automated receiving systems increasing the speed and the overall throughput of the logistic center. Driven by vision systems, dimensioners, smart cameras, fixed scanners and more, orders are received, items are identified, labels are printed, palletization and put-away / temporary storage are ready to be executed.



2. Put away

Manual Operations use forklifts to store goods on racks using Datalogic VMTs, rugged hand held scanners and wireless technology. In automatic warehouses whole or splitted pallets are moved to location by means of material handling systems. Datalogic provide sensors barcode readers and safety devices that are necessary for the correct and reliable item allocation.



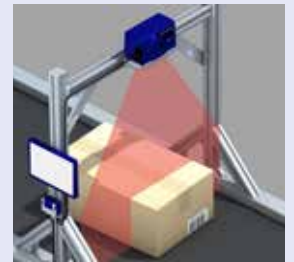
3. Picking

AS / RS handle inventory in a fully automated way, and provide the correct items flow for the next coming processes, typically order fulfillment. Datalogic sensors, vision systems, smart cameras, and fixed readers ensure the proper placement and retrieval of goods. Manual operations use industrial hand held scanners and mobile computers at storage locations that hold break case inventory.



4. Order fulfillment

Whether processing a single item request or multiple orders of shipping containers, Datalogic solutions including hand held scanners, mobile computers, and fixed readers help ensure accuracy and timeliness. Sortation systems identify and convey shipping cartons to the correct shipping lane using Datalogic visions systems, imager cameras, and laser readers.



5. Shipping

Outbound is another critical part of the process, as any mistake in the shipping phase will turn in consistent added costs. The Datalogic offer of PDAs is the right answer for POD (Proof Of Delivery), while DWS (Dimensioning Weighting Scanning) systems, offer Legal-For-Trade revenue recovery solutions.



Datalogic is a global leader in the automatic data capture and factory automation markets, specialized in the designing and production of bar code readers, mobile computers, sensors for detection, measurement and safety, RFID vision and laser marking systems. Datalogic solutions help to increase the efficiency and quality of processes in the Retail, Manufacturing, Transportation & Logistics and Healthcare industries, along the entire value chain.

Datalogic S.p.A. is listed in the STAR segment of the Italian Stock Exchange since 2001 as DAL.MI. More information about Datalogic at www.datalogic.com.