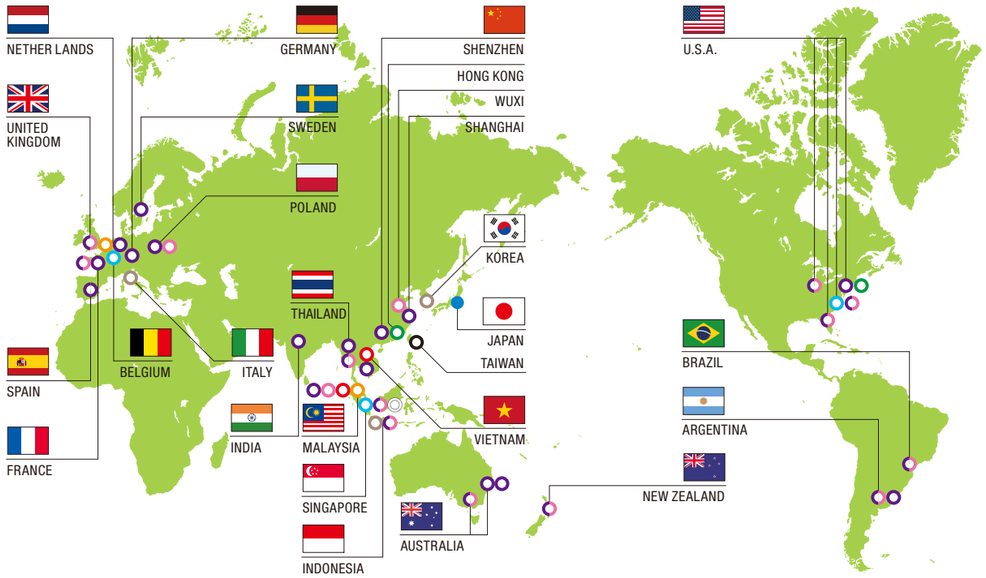
Product Lineup for Efficient/Automatic Labeling

	Manual application of labels	Manual application of pre-dispensed labels	Auto labeling	Auto labeling using multi-axis robots
	Offer portability and ease of use	Offer semi-automation, separating labels from their backing paper for quicker application	Provide a variety of models to match different business models	Leverage sophisticated multiple robotic arms to support different product labeling needs
With printing capability	Hand labeler	Printer	Auto labeler (with print engine)	
Without printing capability	Sticker applicator	Dispenser	Auto labeler (without print engine)	

Our Global Presence

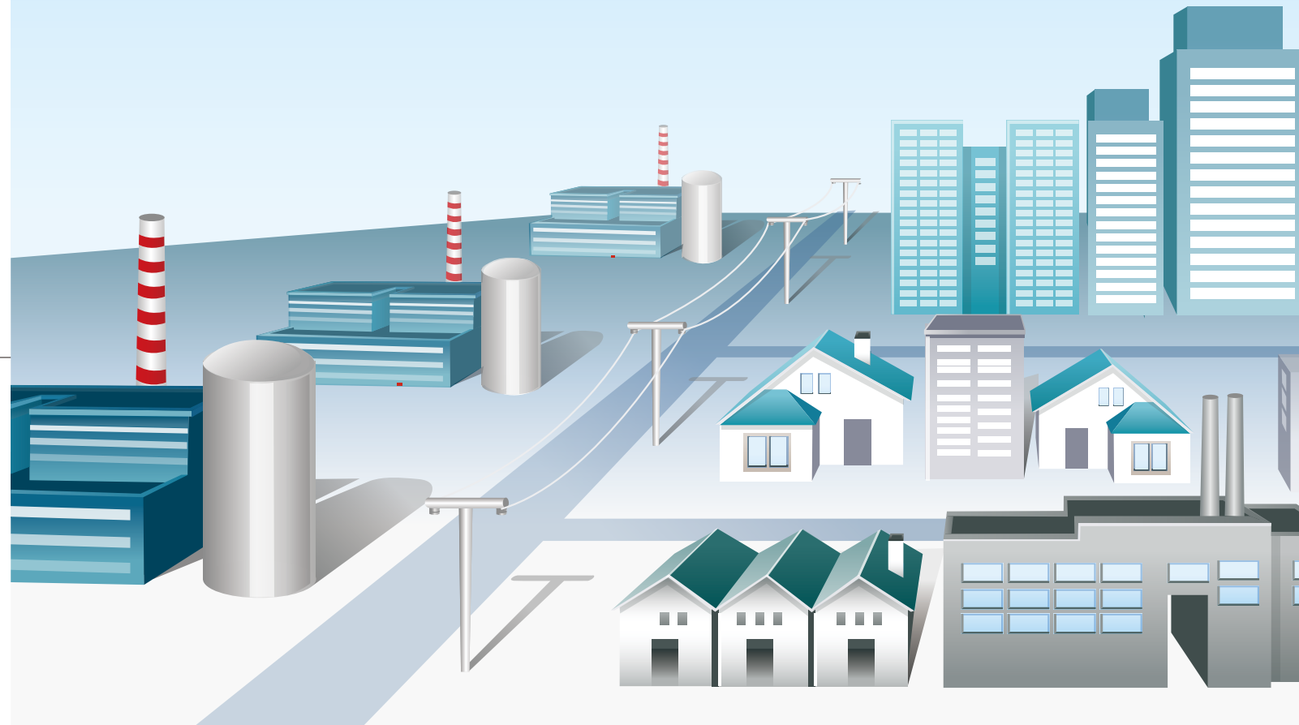


Regional HQ | Sales & Label Production | Sales | Manufacturing | Label Production
Logistic Center | Representative Office | Shared Service Center | Print Shop | SATO Group Member

SATO

MANUFACTURING SOLUTIONS

Bringing together the best Auto-ID technologies to solve your operational challenges



Receiving & Warehousing

Achieve first-in-first-out stock rotation, visibility of inventory/location, and standardization of work processes

●Streamline receiving process (no manual entry)
Label inbound materials with their storage locations, expiry dates, and other information encoded in barcodes/QR codes for identification.

●Manage inventory by location (no searching)
Enable efficient inbound and outbound warehousing operations by attaching location information to materials at receipt.

●Manage materials on a first-in, first-out basis
Enable the checking out of materials based on their labeled expiry date and lot number information, thereby preventing losses due to expirations.

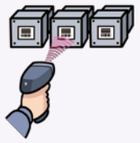
●Standardize work processes
Combine wearable and speech/character recognition technologies to enable hands-free and eyes-free operations that can be performed easily even by inexperienced operators.

Assembling, Processing & Production

Achieve precision, labor savings and traceability through product identification

●Supply materials to production lines accurately
Enable the timely checking out of the right materials in the required quantities, thereby reducing wastage and human errors.

●Prevent errors and improve productivity
Provide the infrastructure for error-free and foolproof operations to reduce dependence on the intuition and experience of skilled workers.



●Operational visibility
Manage operational data centrally to enable the identification and control of bottlenecks etc. for increasing total throughput.

●Save labor (no redundancy)
Streamline the labeling process with auto-labelers to handle items of irregular, complex shapes that are difficult to label manually.

●Enable traceability
Support tracing back to raw materials for assurance of reliability by attaching assembly/processing data to finished products.

●Direct marking
Offer direct marking for products that are not suitable for label applications due to their shapes or use environments. Contact our sales teams for details.

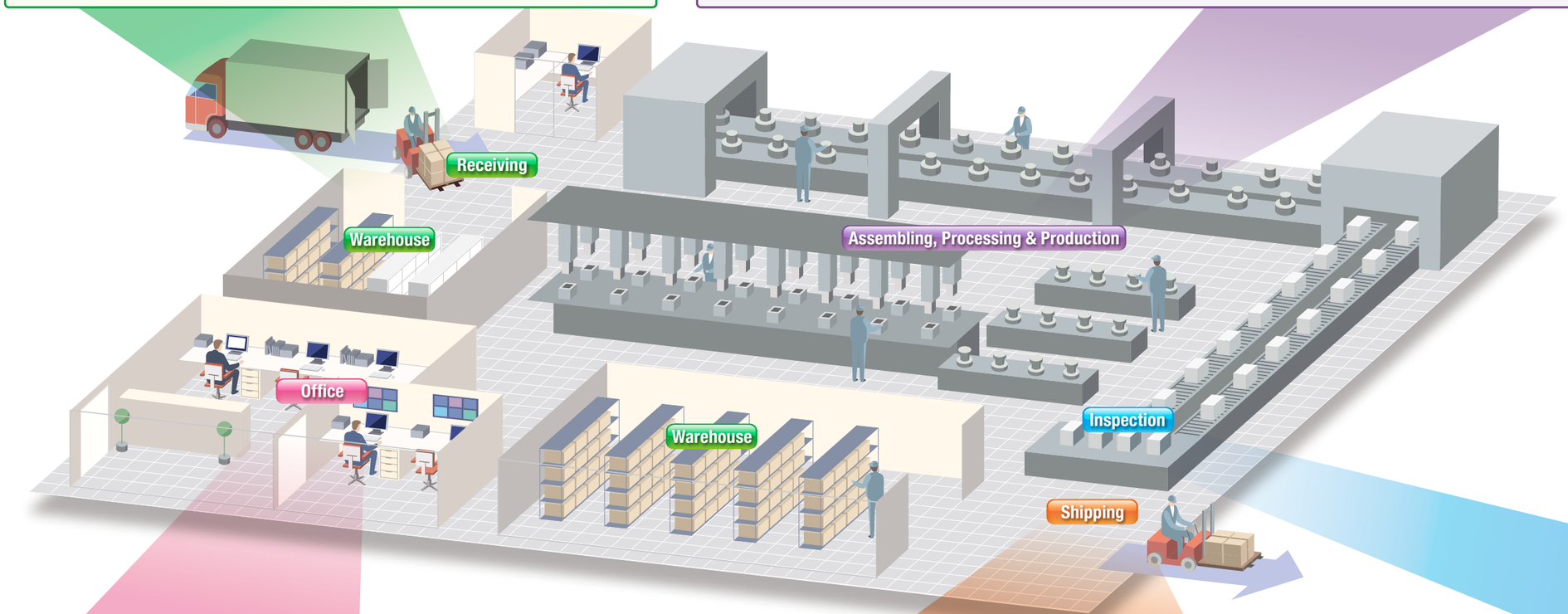
Product Identification Solutions

Label printers

Color printers

Labels

RFID



Support different operating and precision requirements

●Durable product identification for harsh environments
Labels that maintain their appearance/data readability for traceability even when exposed to high temperatures, chemicals, or longtime outdoor use.

●Nameplate labels
Labels with large amounts of information printed at high precision of ± 0.3mm for application to small items.

Office operations

Achieve visibility of human resources and assets that are involved in the running of the production site

●Control access to work areas
Control entry and exit activities of workers using RFID access cards to ensure the security and hygiene of plant operations.

●Track movements in work areas
Collect the real-time location data of workers using iBeacon/RFID to enable visibility and control of plant operations.

●Manage documents and drawings (no searching)
Save hassle and time on locating and stocktaking of documents and drawings by using Colorbit and camera image recognition.

●Manage production equipment
Manage the data of production equipment and their maintenance cycles to reinforce regular maintenance practices and support stable plant operations.

●Manage fixed assets
Use versatile methods to mark/label roll cages, material handling equipment, tools, etc. for on-site tracking and loss prevention.

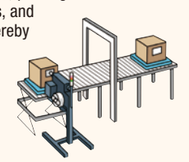
●Prevent tampering and counterfeiting
Offer tamper-proof security labels and anti-counterfeiting printing techniques to ensure authenticity and product integrity.

Shipping

Achieve faster and more accurate deliveries to improve logistics quality

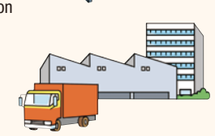
●Prevent shipping errors
Minimize shipping errors and mix-ups using pick-to-light system and picking carts.

●Optimization (no downtime)
Offer one-stop solutions for assigning shipping methods based on order data, printing and applying shipping labels, and collecting shipping data, thereby reducing logistics costs.



●Manage finished goods inventory
Manage inventory quantity and holding period to enable accurate first-in, first-out operations and efficient stocktaking.

●Shipment tracing
Collect data on production lot numbers and their corresponding shipping destinations to trace shipment in the event of defects.



Inspection

Support increasingly complex and advanced quality requirements

- Automate pre-shipment inspection
- Manage test pieces/samples
- Prevent inspection oversight

●Automate pre-shipment inspection
Perform both label printing and verification of print quality simultaneously, which helps prevent missing/wrong parts in the production line that follows.

●Manage test pieces/samples
Support the classification and identification of tested samples.