

Common challenges

- Need to track and trace medical devices across the supply chain to meet regulatory mandates adopted worldwide
- Face high costs and hygiene risks due to labor-intensive warehouse operations
- Make mistakes when processing inventory manually
- Find it difficult to maintain accurate audit trails



Benefits of using UHF or PJM* RFID

Suppliers save time, cost & labor while achieving end-to-end supply chain visibility

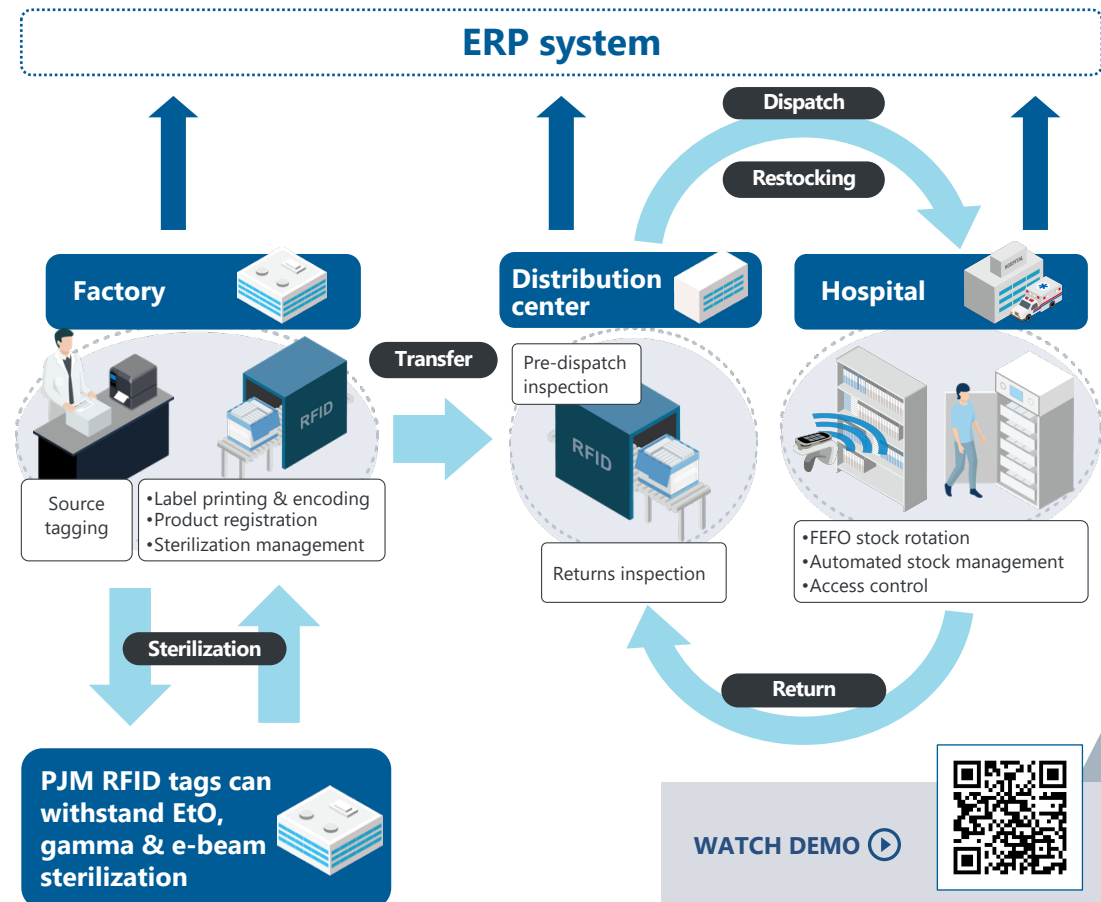
- Use UHF or PJM RFID to label/tag medical devices and process them in bulk with speed and precision, making it possible to optimize stock levels and turn rates.
- PJM RFID is suitable for source tagging as its radiation-hardened tags can withstand sterilization so there is no need for retagging at subsequent touch points.

Hospitals manage loan kit inventory in real time, accurately & automatically

- Reduce overstocking and associated costs while ensuring that items closer to expiry are used first (FEFO) to cut loss, especially for short-dated inventory.
- Allow only authorized staff to access loan kits stored in smart cabinets, which can be connected online for remote inventory management. Related date and time-stamped data collected provides hospitals with reliable audit trails to strengthen compliance with industry standards.

*PJM (Phase Jitter Modulation) is SATO's proprietary RFID technology that can quickly and accurately identify large volumes of tagged items stacked or stored in any random orientation, even in the presence of metals or liquids.

For a more effective trail of asset history



Reasons to choose SATO's RFID labels/tags

(Not applicable to PJM RFID)

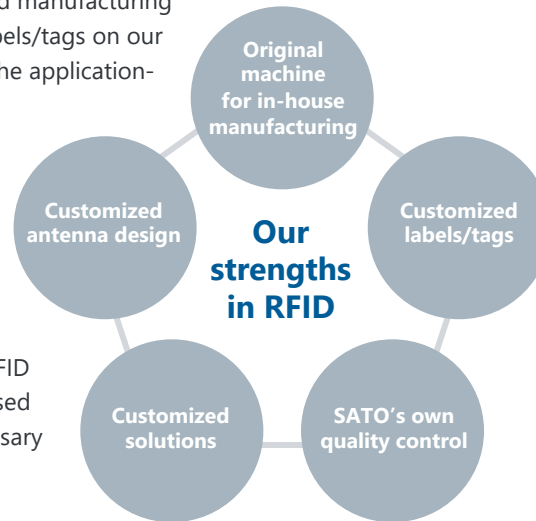


Outstanding in performance

We offer RFID labels/tags that equip not just standard inlays but also inlays with SATO-original antennas. By designing and manufacturing these antennas in-house and converting them to labels/tags on our own, we ensure their high read rates when used in the application-specific solutions we develop for each customer.

As the manufactured labels/tags may vary randomly in attributes due to lot differences, we conduct 100% quality control inspection prior to shipping out and keep production records for traceability.

Besides boasting high readability, SATO-designed RFID labels/tags also deliver optimal print quality when used with SATO printers, thereby minimizing any unnecessary downtime for customer operations.



Environmentally friendly

Businesses can improve their sustainability efforts by using eco-friendly SATO-designed RFID labels/tags that we make with our original antennas.

✓ No plastics

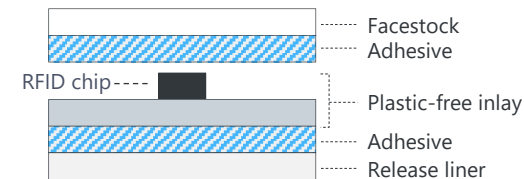
Our RFID label/tag antennas are produced directly on paper.

✓ No chemicals

When producing antennas, we do not use solvents or generate process residue that pollute the environment.

✓ No waste

Our antenna production process allows for any leftover aluminum to be removed and reused.



Multiple products as one comprehensive solution

► RFID printer



CL4NX Plus

► RFID label/tag



UDI (Unique Device Identification) compliant UHF RFID label



PJM RFID sterilization hardened tag

► Other RFID hardware



Third-party UHF RFID handheld & fixed readers



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Third-party UHF RFID smart cabinet



PJM RFID tunnel reader

- RFID products contain sensitive semiconductor chips that may cause their read performance to vary substantially depending on the environment where they are used.
- Field testing for RFID solutions is required in the customer's actual operating environment prior to implementation.
- As RFID solutions are built based on field testing, any subsequent changes to tagging positions and other conditions may affect their intended performance.

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sales-sap@sato-global.com

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