

RFID that Delivers the Future Today

SATO's PJM (Phase Jitter Modulation) RFID is a set of Auto-Identification tools fully compliant with the ISBT guidelines for the use of RFID technology in Transfusion Medicine and is an open ISO standard available for worldwide use on an unlicensed and unrestricted basis. It is based on the ISBT recommended RFID standard ISO/IEC 18000-3 and offers the world's fastest and only 100% accurate read result even when tags are tightly packed or stacked, regardless of their orientation or placement. No changes to your handling procedures are required and PJM RFID can be fitted to your existing appliances without any loss of capacity.



SATO
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Patient Happiness
with SATO Solutions

Vein-to-Vein Blood Safety with PJM RFID

PJM RFID for Blood Management

PJM RFID is extensively used in Healthcare throughout Australia at over 100 hospitals for medical device management.

Operating at the ISBT recommended frequency (13.56MHz), PJM RFID is safe to use with biologicals and blood products. Being unaffected by liquids, PJM RFID is the ideal technology for the tracking of blood and blood fractionated products from donation to transfusion.

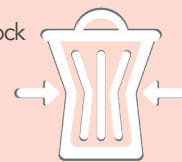
Enhanced patient safety

- High-level automated verification reduces potential for blood handling errors
- Speedy processing reduces risk of blood quality deterioration
- Reduced time-to-freezer provides greater assurance of blood product quality



Minimised blood product wastage

- Real-time visibility of blood inventory at multiple locations enables more efficient use of existing stock
- Greatly reduce need for 'safety stock' with increased confidence in ability to supply
- First-Expiry First-Out management reduces wastage of blood products



Increased supply chain efficiency

- Eliminate shipping errors with automated and 100% accurate picking and packing
- Dramatically reduce counting & scanning as large volumes of blood products stacked closely can be scanned at one go
- End-to-end visibility of blood units throughout supply chain



Greater fate-of-unit visibility

- Eliminate manual tracking of blood units thus avoiding human errors
- Automated capture of audit trail for blood units and products as they move through the entire supply chain
- Know exact fate of each blood unit at anytime from anywhere with real-time visibility



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