

Embrace the Future

# With RFID Serialisation

## Ramp - The Value of Visibility

Take your inventory management to the next level. Unlike traditional barcodes, RFID (Radio Frequency Identification) serialisation allows you to uniquely identify and manage every individual item in your inventory, providing a quantum leap in the capabilities of your inventory management systems.

[www.ramp.com.au](http://www.ramp.com.au)

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# What is Serialisation in Inventory Management?

Serialisation is the practice of assigning a unique identifier to each item in an inventory. While barcodes often identify a type of product, RFID tags provide serialised data, making each item distinct. This means that each item can be tracked separately, allowing for greater control over your inventory.

## The Power of RFID

RFID tags offer additional benefits over barcodes. While a barcode only contains basic product information, an RFID tag can hold a wealth of data. This might include manufacturing details, expiration dates, specific location in your warehouse, among others. Furthermore, an RFID tag can be read from a distance and without a direct line of sight, speeding up processes like inventory counts and receiving.

## Unleash the Potential of RFID Serialisation

The potential applications of RFID serialisation are vast and transformative:

- 1. FIFO (First-In, First-Out) Management:** With RFID serialisation, you can easily adhere to FIFO principles, especially crucial for perishable goods. Each item can be tracked from the moment it enters your inventory, ensuring older stock is sold first, reducing waste, and saving money.
- 2. Batch Tracking:** If a defect or issue arises with a specific batch of products, RFID serialisation can allow you to swiftly identify and isolate affected items. This saves time and reduces potential harm to your brand reputation.
- 3. Preventing Counterfeiting:** Serialisation thwarts counterfeiting efforts, protecting your brand's integrity. A unique identifier on each product helps ensure customers they're buying authentic items.
- 4. Enhanced Supply Chain Visibility:** Serialised inventory can be tracked at all stages of the supply chain, from manufacturing to sale, providing unparalleled visibility and control.
- 5. Advanced Analytics:** RFID serialisation can integrate with advanced analytics systems, giving a detailed understanding of your inventory trends, enabling proactive decision-making and optimising your inventory management.

Switching to RFID serialisation offers benefits that extend beyond what traditional barcodes provide. By uniquely identifying each item, RFID allows for superior inventory management, ensuring you're ready to meet the challenges and opportunities of the modern business environment.

Improve inventory accuracy, reduce errors, and embrace a smarter future with RFID serialisation.

**Looking for expert advice on RFID  
implementation. Talk to our team today.**



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