Easy -to-Use
Self-served RFID
Sample Room Management System

SSR
Smart Sample Room
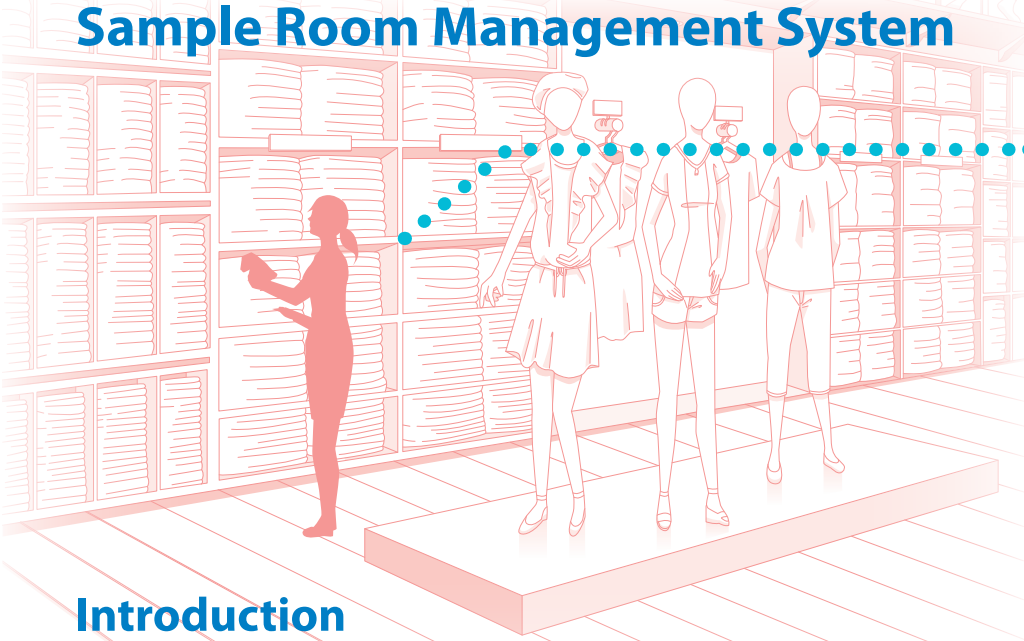
RFID Solution

Featuring the *fast speed* of using RFID to locate sample item, the system can perform *multi-functions*, including Reservation from Web Portal, On-site Borrowing, Stocktaking and Reporting.

Simultaneous scanning of plural tags

Introduction

Nowadays, more and more retailers arouse the need to reduce operation cost and seek for operation optimization. Particularly, Million Tech notices the need of those who manage Sample Room themselves, and thus develops a set of cloud-based RFID Sample Room Management System, to solve the difficulty of searching certain Sample from messy environment, and to perform stock-taking more frequently.

Why use RFID but not barcode?

To support retail shop which owns its Sample Room, they need to rely on a reliable and accurate sample management system. Million Tech launches the latest Smart Sample Room (SSR) to help retailers solving their problems on sample inventory management.

By using a high-powered handheld terminal with an overwhelmingly high scanning speed. It can **scan more than one tag simultaneously**, and accordingly, the work can be completed in a short time (reduced 90% or more working hours compared to use of barcodes). Furthermore, the circular polarized **antenna enables 360° scanning** and **scanning of tags facing in different directions**. It helps to save manual time and management cost for inventory management in long term.

SSR – Systematic Cloud-Based Sample Inventory Management

The SSR solution is an **Easy-to-Use** and **Self-served Sample Management System.** The adoption of cloud server and well match of using RFID Handheld Terminal makes **better user experience** and **higher working efficiency** of managing sample items.

The advance feature of SSR enables staff to **reserve samples** from web portal so he can pick up items by on-site while the company can also **trace Sample in-/out records** and generate the **stock-take report** on the web portal for further analysis. That helps company to **save the operation cost** of manual searching and performing stocktaking, and **reduce manual errors** when sample inventory management becomes systematically.

Features & Benefits

SIMPLE Sample Management
Easy-to-Use and Self-served

CLOUD-BASED Sample Control Software
User-friendly Infrastructure and easy to manage anytime even though out of office.

50X FASTER than Using Barcode
RFID technology overcomes the difficulty of barcode to perform bulk clothes scanning.

EASY TRACING Sample Item
Save time for locating certain Sample Item.

LOW COST for Operation
Significant cost reduction by eliminating time consuming manual task.

Functions

1. Sample Reservation:

Users can use the cloud-based sample reservation function to reserve the samples on PC or handheld terminal. Sample inventory data from cloud-based application (web portal) can be synchronized on RFID Handheld Terminal.


Browsing **Product Catalogue** for item Searching/ Creating / Modifying

2. Self-served On-site Borrowing Available:

Users can not only request the need sample on web portal, but also can borrow the sample onsite by RFID handheld terminal without reservation.
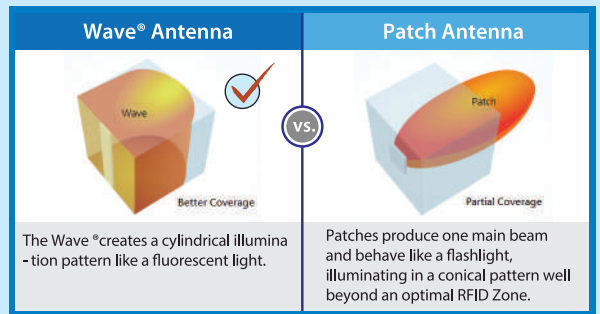
Item Borrowing / Returning

1. **Pick up the reserved item** located by using Handheld Terminal
2. View the Sample **in-/out Record**
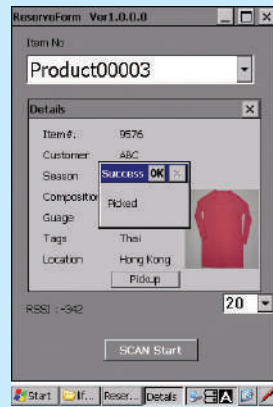
3. RFID Security Alarm System with Wave Antenna:

Auto-alarm will be triggered without borrowing record in the system, users should make reservation or on-site borrowing in the SSR web portal. The antenna adopts special wave which facilitates better coverage than traditional patch antenna.
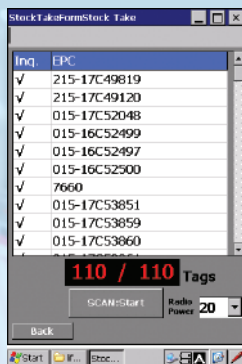

Wave® Antenna	Patch Antenna
The Wave ®creates a cylindrical illumina- tion pattern like a fluorescent light.	Patches produce one main beam and behave like a flashlight, illuminating in a conical pattern well beyond an optimal RFID Zone.

Light Weight, Slim in Size, Focal Wave Antenna

4. Easy Stocktaking:

User can trace sample in/out records and generate the stocktaking report in shorter time on the web portal for further analysis.

Easy Stocktaking

1. Generate the shortlisted Stocktaking List
2. Perform **Stocktaking**

Hardware in Use

RFID Handheld Terminal
Denso BHT-1281QULWB-CE

RFID Tag Printer
Bixolon SLP-T400RG

RFID Security Alarm
Wave Antenna

Contact Us: If you have further enquiries, please contact us for more information & discussion.