Robust RFID Solution for Asset Traceability and Accuracy

sigma

PT. Sigma Cipta Utama (SCU), a subsidiary of PT. Elnusa Tbk (subsidiary of Pertamina) was established in 1980.

They specialised in a wide range of data management services, and safekeeping of their customers' assets which includes hard copy documents, magnetic tapes and cartridges.

⚠ Customer challenges

- Limitations of Existing Barcode System
Barcode scanning required line of sight which made it harder for SCU to handle increasing volume of asset items efficiently. In addition, due to barcode readability problems, it was challenging for SCU to achieve asset control accuracy.

- Provide Added Customer Assurance and Peace of Mind
SCU wanted to achieve real-time end-to-end visibility of clients' assets so as to provide full assurance and peace of mind to customers.

- Tedious and Time-Consuming to Locate Assets
In a warehouse setting where assets may be stored in high and hard-to-reach locations, it was hard for workers to locate and pick the correct items on demand each time.

SATO RFID Asset Management Solution Drives Real-Time Asset Traceability, Enhances Efficiency and Productivity

RFID SOLUTIONS

CL4NX

Given the limitations of barcode system and the increasing volume of assets, SCU turned to SATO RFID solution to help them manage and control all of their clients' valuable assets which were kept under their care.

To achieve asset traceability, SCU printed and encoded RFID labels using CL4NX printer and applied them on each asset item when received. Asset movements were tracked and recorded when scanned by RFID gates installed in the warehouse and staff were able to utilise RFID handheld reader to speedily locate and scan items for pick-up.

SATO software dashboard enabled the tracking of all incoming and outgoing assets in real-time. This enabled SCU to provide added assurance and peace of mind to their clients that their assets are safe and well-accounted for.

Customer Values
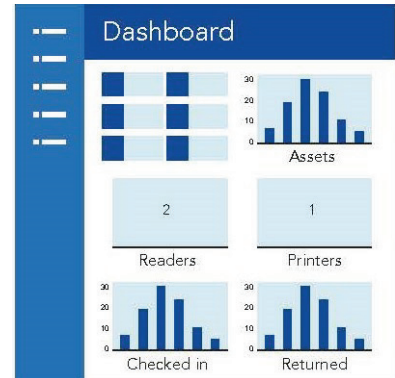
✅ Asset Traceability and Accuracy

SATO RFID solution provides complete visibility of all asset items currently kept in the warehouse, in addition to real-time tracking of incoming and outgoing items.

✅ Speedy and Hassle-Free Process

Desired assets can now be located and picked up more speedily with ease and in a hassle-free manner.

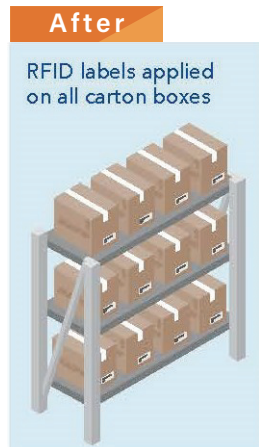## ✅ Operational Efficiency and Productivity

Replacing barcode with SATO RFID solution has streamlined the customer's operations. Less manpower is required with time savings of up to 50% achieved for each stock-take.
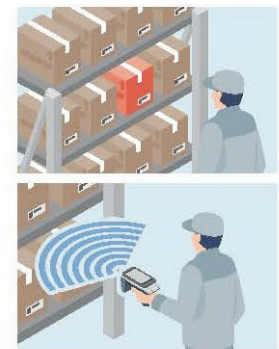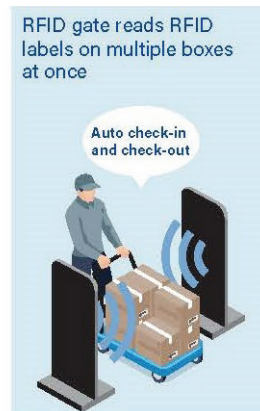
▲ RFID Software Dashboard Illustration

Before

Barcode on each box had to be scanned one at a time

▲ Barcode System Requires Scanning of Each Box One at a Time

After

RFID labels applied on all carton boxes

RFID gate reads RFID labels on multiple boxes at once

Auto check-in and check-out

▲ RFID Allows for Automatic Check-In and Check-Out Which Saves Time and Efforts

RFID much faster and easier compared to Barcode system

▲ Locating a Specific Asset Item is Fast, Easy and Hassle-Free

> *We are reaping the benefits it has brought us - **our business operations is more productive** with up to **50% time-savings for each stock-take***

After implementing SATO RFID Asset Management Solution for the past six months, we are certainly reaping the benefits it has brought us.

Our overall business operations is now more productive, with up to 50% time savings achieved for each stock-take.

More importantly, we are well-positioned to fulfill our continued commitment to our clients, to be their trusted choice for all their data management and storage requirements.

Mr. Lalang Sugiri
Warehouse Manager
PT. Sigma Cipta Utama

www.satoasiapacific.com/indonesia