

Asset Management with Unitech RFID Reader



Industry

International Buddhist Organization

Application

Asset Tracking

Product

RS804 4-port RFID UHF IoT Reader

Case Description

Our customer is an international Buddhist organization based in Taiwan. The organization operates numerous cultural and charity facilities worldwide. Their Asset Management BU, a subsidiary of the organization, is responsible for managing the assets of these facilities, including an exhibition hall and six warehouses used to store exhibition items and products. However, maintaining proper inventory and locating specific items became challenging due to manual inventory and transportation methods leading to recording errors and misplaced items.

The reason to choose Unitech RFID Solutions

With the RS804 reader and UHF RFID tags, customers can update the status of all inbound and outbound items in real-time and receive instant reports of any abnormalities. In summary, the reason to choose Unitech RFID Solutions is its ability to automate inventory management and increase efficiency while eliminating errors in locating exhibits. The solution saves time, eliminates errors, and helps customers achieve efficient inventory management.

Challenge & Solutions

The customer had difficulty keeping track of the location and inventory status of exhibits stored across six warehouses. This led to recording errors, misplaced items, and difficulties in locating specific items.

To address these challenges, Unitech proposed an RFID-based inventory management system that included the installation of RS804 readers, antennas, and RFID tags that would allow real-time tracking and monitoring of the exhibits. The system would utilize barcode scanners and RFID technology to accurately locate and monitor the movement of items in the warehouses.

Benefits for Business Customers

- Flexible and customizable solutions to meet unique business needs
- Web API to allow for the development of customized applications
- Supply of both reader and RFID tags for streamlined inventory processes
- PoE support and easy control of alarm devices through GPIO for simple deployment
- Enhanced efficiency and control for a more streamlined operation

Benefits for End Customers

- Real-time confirmation of inbound and outbound status of all items
- Prompt updates of abnormal status reports for regular review and increased awareness



RS804