

CASE STUDY

Enabling Flexible Warehouse Mobility with RT112 Windows



Industry

Warehouse & Logistics

Application

Warehouse Picking Solution

Product

RT112 Windows

Case Description

A Japan-based provider specializing in logistics and storage system solutions offers warehouse storage equipment and operational support systems for distribution centers, warehouses, and manufacturing facilities. The company combines storage infrastructure with system integration expertise to support more efficient warehouse operations.

Challenge

The client was looking to replace its existing tablet devices used for warehouse operations with a more suitable successor solution. Since the tablets were mounted on picking carts and frequently moved between different work areas, the replacement device needed to support the client's existing Warehouse Operation System (WOS) without requiring software redevelopment or major system changes, while also providing sufficient battery life for daily use.

For inbound and outbound inspection workflows, the client also needed a more reliable mobile computing solution, as the aging batteries in its existing tablets could no longer provide sufficient runtime for daily operations. The need for frequent recharging disrupted workflows and reduced operational efficiency.

Solution / Reasons to Choose Unitech RT112 Windows

To replace its aging tablet devices, the client selected Unitech RT112 Windows and deployed it on picking carts for daily warehouse operations. Its compact, lightweight, and rugged design made it well suited for mobile use, allowing operators to perform inbound and outbound inspection tasks directly across different work areas.

As a practical successor to the client's previous tablets, RT112 Windows provides a more reliable platform for the client's Windows-based warehouse operations while fitting smoothly into the existing operating environment.

Benefits

- **Seamless Compatibility with Existing Windows-Based WOS:** Supports the client's existing Windows-based WOS, helping reduce software redevelopment and migration effort.
- **Extended Battery Life for Mobile Warehouse Operations:** With an 8,800mAh removable battery, RT112 Windows delivers extended runtime and helps reduce charging interruptions during daily warehouse operations.
- **Compact and Lightweight for Flexible Deployment:** With a compact, ultra-slim form factor smaller than an A4 sheet, RT112 Windows is easy to deploy on picking carts and well suited for mobile warehouse operations.
- **Rugged Durability for Warehouse Environments:** With IP67 protection, 1.5-meter drop resistance, and MIL-STD-810H certification, RT112 Windows is built to withstand the demands of daily warehouse operations.



RT112 Windows