



Power and Automation Leader Leverages Liquid UI to Streamlined SAP WM on Scanguns with Barcoding

75% improvement in data accuracy and 40% increase in productivity

Case Study
@ a Glance

LIQUID[®]
for SAP ERP



Challenge:

Improving efficiency and accuracy throughout warehousing operations

Power and Automation Leader knew that their warehousing processes needed a radical transformation. What had traditionally been a desktop-driven model was evolving into a mobile-driven model, and that was posing serious challenges for supply chain operations across many plants. Power and Automation Leader was using out-of-the-box SAP Warehouse Management on SAP GUI. Since the data was trapped inside a 'wired-only' SAP system, it required personnel to take additional steps to manage warehouse data. For instance, the warehouse personnel used to collect data partially on paper and then manually enter into their SAP system. Thus requiring data to be "touched" twice, introducing opportunities for errors.

The company also realized that the existing system was too complex and time-consuming because of high number of screens and unnecessary fields. The system was not transparent, causing difficulties in getting updates in order to make the right decision at the right time. And since the data was trapped in desktop computers, warehouse personnel often needed to locate computer to obtain information for decision-making. These choke points impeded the flow of information throughout warehouse operations, causing inaccurate inventory management and improper resource utilization, in-turn increasing operational costs.

Power and Automation Leader not only needed to mobilize its warehouse workforce for better operations efficiency, but also required an automated system for higher user productivity.



Solution:

Improve productivity and agility with real-time mobile connections to SAP WM

In order to overcome the existing system's limitations, Power and Automation Leader evaluated available solutions in the market and found that Liquid UI fulfills all the requirements the company needed most. The company implemented Liquid UI for Handheld Scanguns using Liquid UI Server. This empowers company's users by giving them real-time SAP updates and allowing them to work seamlessly anywhere in the warehouse using their handheld devices.

After Liquid UI implementation, company's users got customized, role-based launchpads for the Warehouse, Production and Shipment processes. It allowed users to perform WM related tasks right from the dashboard, including generating purchase orders, bin to bin transfers, cycle counts, creating and packing shipment, WM stock, printing barcodes and receipts and more.

Liquid UI for Scanguns enabled dynamic transaction screens on scanguns that responds faster than native SAP screens. The dynamic screens display the next screen based on the given field values. Now, users use the same MIGO transaction to generate both a purchase order and a create material based on entered values.

The Liquid UI solution provided customized barcode for scanguns. It allows warehouse personnel to populate details with a single click, removing data entry errors with automated data capture. Additionally, Power and Automation Leader implemented input field validation to ensure WM operational integrity. This not only kept inventory organized and under control, but also minimized the time spent on doing inventory checks.

Results:

75% improvement in data accuracy and 40% increase in productivity

After implementing Liquid UI for Handheld Scanguns, Power and Automation Leader has benefited in several ways. Now, the warehouse users work on role-based launchpads and they perform customized WM transactions right from handheld devices. Instead of going through unnecessary screens, tabs and fields, now users can navigate quickly, and make error free data entry through barcode scanning.

Liquid UI reduced complexity and duplications, resulting in sustainable cost savings across the company. It standardized warehouse processes, and improved productivity and agility. Real-time updates and improved access to more accurate information helps Power and Automation Leader users in better decision-making.

About Liquid UI Software

Synactive's Liquid UI easily extends SAP GUI to mobile and portal environments without additional SAP software, kernel upgrade or touching of the SAP backend. From sales and distribution to product lifecycle management to inventory control, Synactive provides tools, products and end-to-end solutions for simplifying and customizing SAP applications.

Industry: Power and Automation

Challenge:

- Find a faster, mobile alternative
- Lack of transparency and visibility across warehouse
- No procedure for data validation
- Standardization between different warehouse locations

Solution:

- Liquid UI for Handheld Scanguns
- Liquid UI Server

Results:

- Role-based launchpads saved users time and effort
- Improved ROI through SAP WM customization
- More flexible and accessible use of SAP ERP

SAP Module:

- Warehouse Management

SAP Transactions:

- CO15 - Production Confirmation
- LI11N - Cycle Count
- LP11 - WM Staging
- LT01 - Bin to Bin
- LT06 - Putaway Material
- LT10 - WM Stock
- LT12 - TO Confirmation
- MB52 - MM Stock
- MIGO - PO Receipts
- MIGO - Material Issue with Serial
- VL02N - Add Serial Number to Delivery
- VT01N - Create Shipment
- VT02N - Packing