

# Reinvent Your Warehouse Management User Experience

Warehouses are becoming increasingly dynamic as businesses become more complex and shorter lead times are promised to customers. This creates challenges for organizations without the scale and access to large amounts of capital to invest into warehouse management technology. Other players rely on unreliable radio frequency devices with limited network range or simply printed sheets of paper to route their warehouse activities. These limitations can make it difficult to effectively and efficiently meet lead time demands. The broader challenges faced by these small to large companies can be further summarized below.

## TYPICAL WAREHOUSE MANAGEMENT CHALLENGES

### Productivity Challenges

- Offline, paper-based process resulting in inefficiencies
- Trigger quality inspections and cycle counts on the go

### Aging, Unreliable Technology

- Complex, hard to use technology
- Limited flexibility and effectiveness

### Operational Costs

- Manual processes driving higher labor costs
- Costly radio frequency (RF) scanning hardware

### Limited Collaboration

- Limited capabilities beyond basic warehouse activities (picking, put away, etc.)
- Lack of real-time communication between workers

### Visibility into Warehouse Operations

- Lack of access to real-time warehouse performance
- Undue focus on transactional tasks with little insight into upcoming workload

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## SUITE OVERVIEW

Deloitte's Warehouse Management Suite is built with a design thinking approach to help empower warehouse workers and supervisors with high-productivity tools and real-time process monitoring. The solution contains complementary applications, one for the **warehouse employee** executing the warehouse transactions and another for the **warehouse supervisor** that provides real-time visibility into warehouse activity, worker locations and performance metrics.

## POTENTIAL BUSINESS IMPACT

<b>Intuitive, Productive User Experience</b>	<ul style="list-style-type: none"> <li>• Built on iOS and enabled with Apple Touch</li> <li>• Warehouse Supervisor application-enabled iPad</li> </ul>
<b>Digital Collaboration</b>	<ul style="list-style-type: none"> <li>• Digitally enabled collaboration between staff</li> <li>• Audio and video training materials</li> </ul>
<b>Efficient Resource Allocation</b>	<ul style="list-style-type: none"> <li>• Assign tasks based on worker locations</li> <li>• Perform real-time, remote QA inspections and cycle counting</li> </ul>
<b>Proactive Task Management</b>	<ul style="list-style-type: none"> <li>• Dashboard for supervisor to track real-time metrics</li> <li>• Daily workload view for employees</li> </ul>
<b>Real-time Data Access</b>	<ul style="list-style-type: none"> <li>• Load data through standard SAP Fiori enabled applications</li> </ul>

## IMPROVING WAREHOUSE MANAGEMENT ONE BOX AT A TIME

Warehouse management operations play a critical role in meeting customer fill rate targets. Standard ERP and advanced warehouse solutions aid in the facilitating and structuring of the warehouse activities, but leave opportunity for improvement in the execution and overall user productivity. Deloitte's Warehouse Management Suite can provide a lower cost alternative that answers to many of these pain points.

## BENEFITS OF APPLE DELOITTE SOLUTIONS

- Advanced warehouse solutions for Employee & Supervisor
- Dynamic warehouse task assignment
- Lower cost mobile devices with Radio Frequency capability
- Facetime & other mobile collaborations
- Visibility into warehouse work queue
- Employee & resource location tracking

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