

AEROSPACE CaseStudy



Next-Generation Platform-Enabled Mobility Solution for SAP®

THE COMPANY

SAP® Premium Certified
Integration with SAP Applications

A large, global Aerospace Company with North America operations close to \$1 billion in revenue and \$150 million in warehouse operations* in Texas (serving as a distribution center for manufacturing and spare parts sales) has experienced significant business volume increase over the years and has been scouting for technology and process transformations to keep pace with the market demand.

The Company is a large SAP user. In the Distribution Center it needs to significantly ramp up the picking, packaging and consignments shipping efficiency and effectiveness. They looked to Moviynt Mobilium solution to transform their picking process; and the efficiency improvements they observed during the Proof Of Concept (POC) were dramatic! Their ability to increase warehouse productivity while increasing the efficiency and use of the warehouse real estate was critical for the success of the business operations and Moviynt solution deployed during the POC proved it comprehensively. The POC was successfully completed in less than 30 days with remarkable improvements, some of which are highlighted below:

***30,000 - 40,000 sqft, 100,000 sku's, 5 - 10 pickers, 500 Transport Orders per day**

Significant Process Efficiency Improvements

One click operation to download all information related to Transfer Order and enhanced ability to manage Serialized Items during scanning led to significant increase in overall efficiency of scanning

Warehouse operators are able to start the daily operation by logging in to the state of the art Android based devices (instead of the old, outdated and clunky Windows CE devices currently in use). They use authentication based on SAP access and download the entire information specific to the Transfer Order to conduct their picking activities. The functionality to provide near space printing, using local bluetooth has also been a great boost to productivity.

Hybrid Online/Offline Operation Availability

Blind wi-fi spots or zero network availability doesn't hamper warehouse processes

Once Transfer Orders are selected, all the information relevant to the Transfer Order is downloaded on the device employing Moviynt's innovative solution. This allows for continuous picking even in the absence of connectivity to SAP due to blind spots or zero network.

Image Enabled Picking

Enhanced ability to download material image for clarity during Picking

Moviynt's solution enabled "smart" functionalities of the devices, significantly reduces potential for human error and improving customer satisfaction.

Challenge

Old mobile hand-held devices, inability to process while offline (without network access), multiple clicks and error prone

Solution

Modern, Android based hand-held devices, occasional offline capability, single click operations and very low error rate

Results

Faster picking, end user friendly, image enabled picking, intuitive operation and near zero error

End User Feedback

"best thing that ever happened to this warehouse"

*"where the h*** has this been for the last 10 years"*

"Potential of the new system is limitless, the POC showed this, a safer process than what we have now"

Overall Value

Significant increase in specific scanning processes by **6 times**

Elimination of all manual operations leading to elimination of errors and increased customer satisfaction

Higher capacity utilization of warehouse by eliminating 75% of the workstations and completely **mobilizing** warehouse operations