



Adaptable, Efficient, Integrated

Warehouse Efficiency and Speed with SAP-Certified Mobile Solutions



Aerospace Industry Leader

A large, global Aerospace Company with North America operations over \$1 billion in revenue and \$400 million in warehouse operations was experiencing significant business volume increase and was scouting technology and process transformations to keep pace with market demand. The Company is a large SAP user. In its Distribution Centers and Warehouses it needs to improve efficiency and throughput of: picking; packaging; and consignments shipping.

Challenges

In warehouses, old mobile hand-held devices limited effectiveness of staff. Existing applications required multiple clicks, repetitive data entry, and were error prone. WIFI, while available, was not always reliable. Processing times on the old system exceeded manual picking times. In production attached warehouses many processes were not supported, requiring manual keying at desktops, resulting in data inaccuracies.

While much of industry is adopting cloud, the Company remains on an on-prem SAP implementation. Cloud-only solutions or solutions that require middleware servers are not tenable in this secure environment.

A further challenge was COVID-19. Staff attrition and moving to multiple shifts to improve distancing of staff in its warehouses

required versatile, easy to configure solutions. Attrition resulted in significant training and onboarding time for new staff.

Solution

The firm selected the Moviynt Mobilium solution to transform warehouse processes. Moviynt's solution was chosen for the following driving factors:

- ◆ No Middleware Required
- ◆ Operates Connected and Disconnected
- ◆ Easy to Learn, Easy to Use Workflows
- ◆ Efficient Workflows
- ◆ Fast, Flexible Workflow Configuration
- ◆ SAP Certified

Deployment Approach

The Company began deployment with a small pilot. During the pilot phase, productivity improved 6-fold over the legacy applications. Use of warehouse real estate was critical for the success of the business operations and Moviynt solution deployed during the pilot proved it comprehensively.

The Mobilium production deployment started with core warehouse tasks for picking, receiving, and putaway. Centers were deployed in succession using a rapid configuration process: staff workflows were evaluated, applications quickly tailored and tested; security and IT testing conducted to ensure solution stability.

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Monitoring Solution Adoption

Moviynt leveraged Mobilium visibility tools to monitor how staff were using their solution in each warehouse and distribution center.

Key user tasks that presented challenges to staff could easily be adjusted to enable better interactions for staff members. Supervisors and management were able to track where staff needed additional training. As new staff are brought on board, their training is greatly simplified through the use of easy to learn tools.

While user adoption was remarkably high throughout deployments, the availability of utilization monitoring tools provided the needed visibility to further improve change management.

Staff Feedback

"...best thing that ever happened to this warehouse"

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

Ongoing Results

Picking is faster, errors are far lower, and output is higher *without* additional staff. Warehouse productivity is up over 300%.

The Mobilium solution is now a core part of warehouse operations throughout each major center in North America.

Staff productivity and efficiency remain very high and new baselines have been set allowing operations to keep pace with industry sector growth.

While in the past, WIFI disruptions spelled downtime for staff, with Mobilium offline flexibility, outages have no effect on staff productivity.

Accuracy of inventory in SAP is increased as staff easily capture critical information and securely post their updates.

Contacts

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Moviynt accelerates business transformation by giving frontline staff tools that connect them to SAP without getting in the way of what they need to do. Our applications are easy to learn, easy to use, and fast. Our solution, Mobilium™, securely runs on a wide range of industrial mobility devices whether they are running Android, iOS, or Windows, or whether they are handheld or wearable. Staff can work online, intermittently online, or fully offline - critical when WIFI is unavailable. Using our native client, our customers' teams get all their device benefits: Bluetooth printing, image capture, signature on glass, RFID, OCR, GPS, and more. Mobilium™ is SAP certified and seamlessly deploys to cloud or on-prem SAP with no middleware and no new servers. Our robust solution studio allows our deployment teams to rapidly configure any workflow, quickly integrate that workflow to SAP, and get it in the hands of our customers' staff. Warehouse Management, Quality, Work Order Management, Production, Pick by Vision/Voice, and handsfree workflows are all available and fully integrated to SAP. Visit us at <https://www.moviynt.com>