

mobile mini

SOLUTIONS

Enabling Streamlined Physical Inventory

About Mobile Mini

Founded in 1983, Mobile Mini Inc. is the world's leading provider of portable storage solutions, committed to providing customers with superior services and access to a high-quality and diverse fleet. They are the leading provider of specialty containment solutions in the U.S. and aim to become the provider of choice for tank and pump products across the country.

As of the beginning of this year, their network included 139 locations in the U.S., 15 locations in the U.K., and 2 locations in Canada. Their international presence and diverse fleet enable them to meet customers' storage and tank-and-pump rental requirements whenever and wherever they need.

The Situation

Tracking storage assets across finance, logistics, and operations is critical to the bottom and top lines at Mobile Mini- leading to their investment in SAP ECC as their core system. Over the last 35+ years however, Mobile Mini has grown largely through acquisition - creating many disparate systems across inventory management.

Even after deploying SAP as the core system, there were a lot of manual and paper driven workflows that were cumbersome and didn't give visibility to the tracking of equipment in real time. Theft and lost assets was a major challenge associated with this lack of visibility.

Mobile Mini initially considered building custom programs within SAP but needed a mobile solution that was device agnostic and worked in areas where connectivity was not ubiquitous because of the nature of their business and where their inventory sits. SAP's Fiori solution had great templates, but Mobile Mini needed to build customized and advance offline management tools across inventory, job site tools and logistics— SAP Integration, device and connectivity agnosticism were key, while trying to custom development within their SAP system was also critical.



The Business Challenge

- Lengthy manual paper process for physical inventory validation leading to higher operational costs.
- Lack of real-time visibility into company's core assets leading to theft and asset loss.
- Core ERP (SAP) processes were hampered due to inconsistent integrations.
- Low field adoption for past mobile apps because of user experience for certain functions.

Pillir's Solution

- Designed and built a custom online/offline app with a user-centric, customized experience that tightly integrates to SAP, based on roles and authorizations with bar code scanning and inventory identification on any device.
- Seamless deployment to global locations and users through integration to existing MDM solution.
- Hosted on Pillir's EdgeReady Cloud, with no infrastructure or operational overhead added to Mobile Mini's plate - a simple user based pricing model for a fully customized enterprise scale application.
- Trained Mobile Mini team on the use of Pillir's EdgeReady Cloud for additional application development projects moving forward.

Benefits Overview

Streamlined and Efficient Processes

Process and productivity efficiencies gained with free user movement into storage areas to perform physical inventory activities, without dependency on network availability, resulting in near real-time updates into SAP and enabling visibility with quick decisions for downstream teams.

Deployed Quickly with Little-To-No Programming

Deployed quickly with no programming and no infrastructure investments or people-overhead for operational costs. Offline capability and deployment done rapidly with minimal resources and little to no programming. Significant reduction of maintenance time and effort for future enhancements and support.

Ensuring Best Practices

SAP maintained as core system of record but kept as standard and close to best practices for inventory management, while still having customized user-centric experiences for edge use cases.

About Pillir

Formerly appsFreedom, Pillir is a low-code, cloud native, PaaS provider that specializes in enabling customers to generate resilient, always-available, self-managing applications that work in any connectivity landscape. Pillir's EdgeReady Cloud provides rapid application development with little-to-no programming and reusable objects; enabling companies to enhance speed to market and innovation. With pre-built integrations for SAP, Oracle, Microsoft Dynamics, Salesforce.com and other legacy systems, customers leverage Pillir to modernize any process or application in weeks, regardless of connectivity, device or back end system. Contact us to explore how Pillir can improve business productivity by enabling teams to build apps quickly on any device and tightly integrate with core business systems that are critical to your operations.