Challenges
Solving Rising Supply-Chain Costs and Talent Shortage

Supply chains and inventory costs are rising. The Logistics Managers' Index that tracks overall logistics prices, including transportation, warehousing, and inventory prices reached record levels in 2021, showing a **14%** increase year-over-year, with inventory costs growing **33%** over the past 24 months. However, as companies are looking to improve their processes' efficiencies, innovate and modernize their business functions, they are facing a shortage of developers. In a research report from Gartner, IT executives named the talent shortage as the most significant barrier to adoption for **64%** of emerging technologies, compared with just **4%** in 2020.

The Pillir Solution
Pre-Built, Yet Tailor-Made, Goods Movement Application Suite

The Goods Movement suite allows companies to instantly modernize their business functions and processes using out-of-the-box, pre-built web, and mobile-friendly business applications, while easily customizing it to their unique needs while incurring a fraction of the resources, risk, cost, and time, of traditional methods. Based on Pillir's award-winning low-code platform, the suite comprises sixteen different applications such as Goods Issue apps, Goods Receipt apps, Stock Transfer, Transfer Order, and many other common functions. The new suite of business applications can be deployed in hours, giving enterprises an immediate solution to supply chain delays, rising costs, and their inability to respond to market needs.

Benefits

Traditionally, building business applications in a complex IT SAP-centric landscape has been a long, resource-heavy process that could take up to 9-15 months. Using Pillir's award-winning low-code platform, this application suite accelerates your business transformation.

Real-time visibility

Stop relying on paper. Excel spreadsheets, or legacy processes and get real-time visibility of your inventory, its location and status.

Faster than you ever imagined

Even complex, custom, integrated processes can be easily created and deployed in days or even hours. Respond fast to the business needs.

True mobility

No more wasteful workstation data entry. Get instant data on goods movement and real-time inventory visibility updated and managed from any mobile, rugged and RF device.

One platform. All your business apps.

Pillir's low/no-code platform gives you the flexibility and speed to either use pre-built applications or use the platform to build even the most complex workflows and processes.

Pillir's SAP Goods Movement

The cloud-based applications provides the best agility, cost, and elasticity available in the market. Pillir combined these unique cloud capabilities with its award-winning low-code platform to create an application suite including 16 applications to manage Goods Movement. The applications were built based on field-proven best-practice solution that is pre-built, yet fully customizable to the enterprise unique processes and KPIs. To ensure availability and scalability the applications are utilizing including n+1 high availability, elastic infrastructure, security, and disaster recovery, as well as multi-zone deployment, private subnets and load-balancing allow these applications to be always-available, secure and to automatically scale as the number of active users grow.

Features:

All you need in one suite

The Goods-Movement suite includes sixteen different Inventory-related applications in one fully integrated with SAP suite, that can be easily customized and are deployment-ready. The suite includes applications such as Goods Issue apps, Goods Receipt apps, Stock Transfer, Transfer Order, Goods Movement, Storage Location Transfer, Bin-to-Bin Transfer, and many others. Each applications is production ready out-of-the-box fully integrated and based on industry best-practice, yet customized to your needs and processes

Always available. On every device. Regardless of your SAP journey stage

Each application was built to scale, utilizing N+1 high availability,multi-zone, multi-region cloud-native architecture. The applications run on every mobile device - cellular phone, hardened or RF devices.Our unique and patented offline capability allows users to get the same user experience regardless of their Internet connectivity. It doesn't matter if you are running SAP ECC or S/4HANA, on-premises or in the cloud.

Case Study: Toray Plastics America (TPA), Inc

'TORAY'
Innovation by Chemistry

CHALLENGES: INVENTORY AND MATERIAL MANAGEMENT INEFFICIENCIES

TPA experienced major inefficiencies due to the lack of digitization around key inventory and materials management processes. Their forklift drivers had to manually enter finished products into the SAP system after they came off the conveyor belt, then walk to a terminal to confirm details and key delivery, material and inventory data - resulting in accidents, delays, lack of visibility and inefficient management.

DIGITIZED, MOBILE GOODS MOVEMENT. IN WEEKS

Pillir's Goods Movement Application Suite were customized specifically for Toray. The applications provide a user-centric, customized experience that tightly integrates to SAP and is based on roles and authorizations. Along with the applications streamlining and digitizing the once manual processes, the applications were deployed quickly and with little-to-no programming.

RESULTS

The new apps increased driver safety and reduce accidents, as well as providing real-time inventory visibility and increasing productivity. Now, forklift drivers can accomplish a list of tasks through the Pillir apps without ever leaving their seats, like scanning barcodes, making order inquiries, checking inventory, managing finished goods pallets, and ensuring accurate material movement and delivery.

Get started with Pillir | Visit our website to explore our solutions **www.pillir.io**