

KAAR TECHNOLOGIES



Leading Chemical Company Automates Workflow Approval on Mobile



The Organisation

One of the world's largest producer of Titanium Dioxide and Saudi Arabia's second largest industrial company, the organization operates under a wide range of verticals like petrochemicals, chemicals, plastics, metals manufacturing, industrial services and environmental technologies to name a few. The client employs over 8000 people and has played a vital role in Saudi's economic growth and development over the last 30 years. Through selective investment the organization has increased its presence in downstream activities significantly.

Business Situation

The client relied on SAP applications to run their business, but lacked mobile access to business critical entities in the workflow, like manager approvals. This resulted in impeded and decelerated processes as managers needed to wait until they were at a desktop to make an approval that would originally take only a few seconds to complete. To make their business process more streamlined, executives gave Kaar a directive to modernize, simplify, mobilize and fortify the 12 workflows into a single application

Mobile Application Features

The iOS application consisted of 12 workflows which were part of the single native application built exclusively for the iPhone. The workflows are:

HR Apps

- * Leave request approval
- * Time Sheet (OT) Approval
- * Travel Request Approval
- * Travel Expense Approval

ERP Apps

- * Delegation of Authority
- * Purchase Requisition Approval
- * Purchase Order Approval
- * Services Entry Sheet Approval

IT Apps (Remedy)

- * IT Change Request Approval
- * IT Service Request Approval
- * IT Release Request Approval
- * Knowledge Articles Approval

The application also incorporated enhanced security features such as fingerprint sensor which ensures that the application and the data are not misused.

Kaar Solution

Kaar Technologies was engaged by the client as a strategic partner to address their challenges. A team comprising of high-calibre SAP consultants was exclusively formed for the project. The team then conducted a deep-dive analysis to understand the prevailing business problems and arrive at a simple solution roadmap. As a result, the team developed a native iOS mobile application using **SAP Mobility platform 3.0**. The entire project was successfully completed within a span of six months. The implementation was well received by the client's management team and the end users.

The end users are currently accessing the app built on the latest iOS using their own mobile devices from remote locations to manage approvals. Enhanced security was provided by integration of Fingerprint Sensor with the application.

The developed mobile app boasts of an intuitive and easy-to-use interface that helps users complete the approvals with just a few simple clicks. The app even allows end users to manage data in places where there is no internet coverage. The collected data then automatically syncs with the SAP system once the connection is re-established. The solution has significantly reduced human error and redundancy as well as is helping the client manage the approval exercise with fewer resources.

Business Benefits

- * Streamlined approval processes by eliminating manual work (paper based).
- * Increased resource productivity.
- * Data analysis using web and mobile devices.
- * Quicker and faster access to reports using mobile platforms.

About Kaar

Kaar Technologies is a global consulting firm focused at designing, delivering and deploying the finest ideas and SAP expertise to empower companies in achieving new heights of excellence in today's challenging business landscape.

Our combined thrust drawn from the business vision of our leadership team and assimilated SAP capability propels us to partner with our clients in identifying and architecting their business agenda. As a CMMi level 3 company, Kaar believes in being a trusted advisor to clients and fosters long-term working relationships by exceeding customer expectations.

Driven by the steadfast pursuit of excellence, Kaar Technologies exudes professionalism and proficiency in all areas of function. Every day we are inspired to impact businesses with original and imaginative approaches, helping to cultivate tomorrow's breakthroughs.



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