

Case Study

City Heritage Authority of Saudi Arabia Leverages LTIMindtree Cloud-Based PMIS to Digitize its Core

Client

The client is a Heritage Authority of one of the cities in Saudi Arabia. As part of Saudi Arabia's aim to achieve Vision 2030 through establishing a unique typography that showcases cultural essence and preserves building heritage, the authority has been in the process of reviewing and assessing all building codes and land, using regulations within supervisory area to ensure visual and environmental harmony in-line with the Kingdom's future vision and developmental objectives.



Challenges

Being a UNESCO World Heritage Site and in-line with the design, development and preservation standards, the authority aimed to develop the district by creating an environment that enhances its historic and national relevance, giving its community a better quality of life, aligned with their Quality of Life Program.

The key challenges faced by the client were – inadequate documentation, regulatory compliance, reduced productivity, absence of comprehensive project planning in terms of cost and operations, and lack of collaborative and communication efforts.

Below are some of the Business Challenges which the client was facing before PMIS implementation.



Absence of comprehensive Project Planning, Cost Controls, and Project Delivery processes.



Lack of Project team Collaboration, Time Consuming approval processes, and manual reporting.



No single version of truth for Portfolio, District, and Project Reporting.



Decision makers struggling for right information for proactive decisions.



Absence of Dashboards, Planning KPIs for review and monitoring.



Poor inter departmental communication resulting in Portfolio delays.



Lack of collaboration between Project Owners, Contractors, and Consultants.



LTIMindtree Solution

- In order to ensure successful and timely delivery of this program, the client intended to implement a comprehensive program management platform (PMIS) comprising of world-class tools, technology, and consulting partners. This enabled the client to successfully deliver this program within time, budget, and with the right design intent and quality - through - Strong Program Governance, Standardize Methodologies and Practices, Program, Project Visibility and Control, and Stakeholder Management.

- LTIMindtree proposed to implement Oracle's Primavera Unifier for cost, contract, and change management requirements, along with Aconex for Project Delivery. Primavera P6 is proposed for Schedule management (construction), which is tightly coupled with Primavera Unifier. These solutions were further integrated with Tableau for Project Dashboard to provide a unified reporting experience for the users. LTIMindtree also proposed to leverage the out of box APIs for real-time integrations between the applications.

- LTIMindtree also developed an Aconex Competency Centre to provide the best of industry knowledge to the client throughout the project lifecycle. It ensured that the project is delivered with ease and the client would be benefitted during the O&M phase. Project/Task-based transactional information including complex workflow-driven approvals were captured, and would be reported consistently across all systems. LTIMindtree also proposed to deploy its team of superior consultants from respective application areas and also including an EPC consultant to bring in domain expertise and guide the team during the project.

Business Benefits



A single central system and neutral repository for all documents, with an Immediate access to all registered users from anywhere via the cloud-based Oracle Aconex platform.



Effective project planning and control through Oracle Primavera P6 EPPM and Primavera Unifier.



Reduced the manual intervention between processes by **70%**.



Improved project collaboration efficiency by **70%**.



100% timely/automated reporting delivered to critical business owners.



Improved efficiency in field inspection data capture, review, and close-out on mobile devices.



Management dashboard reporting enabled through BI solution.

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