SOLUTION REVIEW: MPA SINGAPORE
Singapore Port Authority Deploys End-to-End Project Lifecycle Platform for Maximum Collaboration, Efficiency, and Visibility

ABOUT MPA SINGAPORE

The Maritime and Port Authority of Singapore (MPA) was established in 1996 to develop Singapore as a premier global hub port and international maritime centre (IMC), and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of Port Authority, Port Regulator, Port Planner, IMC Champion, and National Maritime Representative. MPA partners the industry and other agencies to enhance safety, security, and environmental protection in their port waters, facilitate port operations and growth, expand the cluster of maritime ancillary services, and promote maritime research and development (R&D) and manpower development. In 2015, the Port of Singapore won its 27th Best Seaport: Asia award at the Asia Freight, Logistics, and Supply Chain Awards (AFLAS).

THE CHALLENGE

MPA needed a project management information system (PMIS), to be implemented in an aggressive time period of only five months, in order to manage end-to-end project lifecycle for the Tuas Terminal Phase I (TTPI) project. A single platform was necessary to provide accurate, efficient, real-time collaboration between all project stakeholders, including owners, project management consultants, contractors and sub-contractors. MPA wanted to standardize business processes for a diverse group of companies who all had different formats and levels of information to share. The contract administrators needed clear visibility into variation orders.

THE SOLUTION

Gaea configured and deployed nearly 50 complex and unique business processes in order to manage delivery, budget, and contracts for MPA's $2-billion+ TTPI project. Reports and dashboards were created to track cost and daily and weekly progress of land, marine, caisson, and sand works. Gaea migrated all project documents from MPA's previous document management system to Primavera Unifier. Gaea also provided training and support services to MPA, including a project supervision consultant, lead contractor, consultants, and additional contractors. The new system enabled automatic alerts for stakeholders to prevent possible work delays.

ORACLE | Partner