ZPRO SOLUTIONS

CASE STUDIES

REV: JULY 01, 2021

ZPRO DEVELOPS IMPLEMENTATION STRATEGY AND GOVERNANCE FOR MOVING THE AUTHORITY ONTO A SINGLE ENTERPRISE MAXIMO PLATFORM (EMP)

PORT AUTHORITY NY NJ
AIR LAND RAIL SEA

Industry: Transit

CLIENT BACKGOUND

The Port Authority of New York and New Jersey is a joint venture between the U.S. states of New York and New Jersey, established in 1921 through an interstate compact authorized by the United States Congress. It was created to develop and modernize the entire port district to improve commerce and trade. World-class transportation infrastructure is essential to economic growth and vitality. Port Authority of New York and New Jersey keeps the region moving by air, land, rail, and sea so that the people and businesses of our region continue to thrive. With engineering in their DNA, they shape the area's future with groundbreaking yet practical facilities and systems built for the 21st century.

PROJECT DESCRIPTION

ZPro Solutions has been engaged with the Port Authority's Asset Management Office and Information Technology department over the last three years. The team has assisted in developing the overall implementation strategy and governance for moving the Authority onto a single Enterprise Maximo Platform (EMP). This included developing the comprehensive implementation project plan for all Authority line departments and ultimately bringing all asset management by the Authority contractors into the EMP. The team developed the Maximo design standard to define how Maximo will be configured and integrated to support the line departments' day-to-day asset and work management activities. The team has developed the Maximo training plan, curriculum and delivered the Maximo immersion training to the Authority line departments. The team was asked to be involved with the planning, data preparation, and implementation of Maximo for MMIS phase-out (MPO) to mitigate the risk of losing the MMIS mainframe capability. This has also included developing the overall implementation project plan for the Aviation, TB&T, and Port line departments. The team developed the Maximo design standard to define how Maximo will be configured and integrated to support these line departments' day-to-day asset and work management activities. The ZPro team supports the MPO implementation, which entails identifying, documentation, and resolution of end-user issues. The team has also been involved in developing the governance framework and all supporting documentation and templates. The team has assisted in reviewing and updating the asset data specifications, which will drive the consistent definition and data collection of all Authority assets.

PROJECT SCOPE

Assist the business team of the Port Department of the Port Authority with their rollout of Maximo as part of the Enterprise Maximo Project to help ensure that their system implementor is building correct solutions and the needs of the Port department will be satisfied. In doing this, the team (currently one person) is assisting with Business Requirements, Data Gathering and Processing, Quality Assurance, the development of Business Intelligence Tools, Project Management, and any other tasks that might be deemed necessary.

SERVICES PROVIDED

Providing a senior resource to work for the Ports Department to help achieve goals by implementing the Maximo system with tasks including developing business requirements, data gathering and processing, quality assurance, development of business intelligence tools, project management, and other activities as needed.

BENEFITS

This project allowed the Port Authority to move off a failing mainframe system. New assets could not be loaded, and the support required to sustain the operating mainframe and pay IBM to maintain another mainframe in hot standby was significant. With Maximo implemented, there are no restrictions to the number of assets managed. A location hierarchy was implemented that helped technicians locate assets on work orders and provide the ability to roll up costs by location. Also, as part of the implementation work orders, associated information was standardized across the departments so that comprehensive reporting at an enterprise and the executive level was made possible. This improved the accuracy of the reports and provided information that was not available in the past.