Define Strategy for Optimized Software Ecosystem

Mideastern Passenger Rail Authority

OVERVIEW

This mideastern passenger rail authority oversees the state-supported passenger rail services and administers all capital expansion projects, infrastructure, and land acquisitions related to the Transforming Rail program in the state. As this rail authority is quite new, it needed to determine how the IT Department can best allocate time and financial resources to help optimize the near-term and long-term performance of the business. Stellar was brought in to define the strategy to build out an optimized software ecosystem.

APPROACH

This rail authority must establish a prioritized set of IT competencies (digital capabilities, software tools, and governance) across relevant business units and stakeholders. Stellar conducted a series of progressive workshops to gain clarity on such digital capabilities that they require from the current and future investments in technologies. The workshops included analysis of the authority's stakeholders and primary business functions to understand where investment in the Target Operating Model was recommended.

SOLUTION

The Stellar team analyzed the macro and micro processes that defined the rail authority's business. The team defined different stakeholders and their relationships, articulated mission critical business functions, and examined how the current IT investments could be leveraged. In addition, the team laid out the essential data requirements, identified how processes interacted with different sets of data, and found the high-level function requirements needed to support each of this authority's digital capability. All of these allowed Stellar to create a comprehensive guide on the procurement, implementation, training and maintenance of their primary enterprise technology solutions.

RESULTS

In less than 3 months, Stellar was able to provide a prioritized roadmap that delivered the Project Management Information System (PMIS), Construction Management (CM), and Enterprise Asset Management (EAM) technology capabilities in support of the alignment of this rail authority's People, Processes, and Physical Assets. The roadmap suggested a high-level phased schedule and enabled the VPRA to optimize the scope and the timing of the investments in support of the business.

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