Enterprise Asset Management Program Implementation
National Passenger Railroad

OVERVIEW

As a major part of the passenger railroad's top 10 technology prioritized initiatives in FY 2019, the client launched the Enterprise Asset Management (EAM) program to transform the way to manage assets and execute a heightened future state operating model. The goal of this program is to implement a unified asset management platform across Engineering, Mechanical, Stations, Facilities, Properties and Accessibility groups at the company. Stellar is the major subcontractor to support the railroad and Arcadis Gen, the provider of Mainline Rail Industry Solution, with Maximo 7.6.

APPROACH

The railroad needs quality data and analytics to execute against its internal six strategic pillars and deliver the outcomes set forth in the Blueprint. Analytics predict the need to maintain assets and avoid service disruption, as well as maximize safety of the passengers and employees by analyzing and addressing the root causes of accidents. The client's Enterprise Asset Management (EAM) Release 1 Project is an IBM Maximo implementation to optimize the management and maintenance of its rail fleet and property portfolio.

SOLUTION

Mainline Rail is a comprehensive solution to help users and operators optimize the rail fleet for improved reliability, lower maintenance cost, and enhanced risk management. Highlights of the solution include:
- Complex exam hierarchies and compliance functionality
- Fleet targeted reporting and Business Intelligence
- Enhanced command and control
- Fleet availability management (FAM)

RESULTS

The Stellar Team is making great effort on constructing interfaces workflows for complex multi-directional workstreams, attribute level detailed mapping, and maintaining Project Management Tools and Platform. They have also designed technical details for build, and enhanced UX design of the platform.

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