

EAM Consolidation and MAXIMO Implementation in Energy Company

RESULTS

- 92,600,000 records loaded, error-free
- Load speed and system shutdown time reduced by 24 hours
- Initial load of master data standardized and validated for all plants

APPLICATION

- Energy solutions and Technology company

CHALLENGE

Develop, migrate, enhance, and configure all maintenance and MRO related data for the enterprise wide Maximo Implementation project. The company's goal was to have a consistent application and validation of master data across all plants to support top quartile reliability performance. A critical success factor for the company was to have accurate and efficient go-live data migration and enhancement.

SOLUTION

Emerson conducted an extensive analysis of the myriad of legacy data sources, identified significant inconsistencies and facilitated the development of standards for all data in the new system. The team collected all of the data, consolidated it in Catapult™ system and then standardized new MRO descriptions for approximately 500,000 material masters, developed programs and scripts to facilitate the reconciliation, preparation and data transfer of all asset-related data. The uploads of all data into MAXIMO were managed by Emerson.

92,600,000 records were loaded, error-free, standardizing the master data across all plants. Load speed and system shutdown time was reduced by 24 hours due to validation and standardization work. Additionally, the initial load of master data is standardized and validated for all plants. This success enabled the planning of Phase II to focus on additional data enhancement in support of the corporation's goal of top quartile asset reliability performance.



A critical success factor for the company was to have accurate and efficient go-live data migration and enhancement.

Scope of work

- 19 Instances of EMPAC and 1 Instance of Passport
- Equipment records - 1,700,000
- Open PMs/Job Plans – 197,000
- BOMs – 651,000
- Open Work Orders – 150,000
- Material Items – 514,000
- Open Purchase Orders, Releases & Requests – 48,000
- Open Invoices & Contracts – 21,100
- Vendor Master – 28,800



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