CASE STUDY

Optimisation of Master Data and Work Management System at MMG

Holistic Asset Management (HolisticAM) partnered with a mining company – MMG – to provide maintenance management services. The objective of this project was to review, assess and improve the completeness of the site asset master data and associated work management processes and system to support. HolisticAM mobilised a specialist SAP asset management consultant, who offered professional maintenance support onsite and remotely. The flexibility of service ensured the project was delivered on time and within budget.

Mining Sector

The Challenge

MMG had just implemented a new fleet of underground trucks and loaders to extend mine life beyond 2023. Because of the importance of the mobile equipment, MMG faced the following challenges:

- New equipment was needed;

- A lack of effective maintenance plans, including task lists and bill of materials (BOM);

- Resources shortage.

As a result, MMG required a review of the master data of their assets.

> "The work that you have just uploaded is outstanding and allows us the opportunity to start to tap into some of the functionality in SAP. We really appreciate the effort... I am keen to keep progressing with this work for other equipment categories."
>
> Matthew Orton
> Maintenance Superintendent, Rosebery, MMG

The Solution

HolisticAM offered two primary maintenance services in this project: 1) Work Management Process Design and Standards; 2) Maintenance Master Data Design and Configuration

A specialist SAP asset management consultant reviewed and assessed the site asset master data within the MMG SAP EAM, which then led to improvement work to ensure effective maintenance plans, tasks and BOM master data was constructed in alignment with the MMG Master Data Standards and providing the effective strategies to maintain the assets in a safe and reliable state.

The required assessment includes:

- Review all mobile equipment strategies;
- Review and analyze plant electrical master data (maintenance strategies, task lists, Bom's, etc);
- Review and analyze SAP transactional data;
- Verify and review equipment strategy deployment;
- Provide Work Management System & Process review and education;
- Conduct Master Data Creation & Cleansing.

More details about Maintenance Management:

https://www.holisticam.com.au/services/maintenance-management/

The Results

HolisticAM was able to successfully engage with key stakeholders across the maintenance and reliability teams. We provided a thorough review of the asset master data state and aligned with business needs.

Key deliverables included:

- Summary document outlining key findings of analysis;
- Identification and deployment of improved work management processes;
- Upload of master data changes into SAP CMMS;
- Recommendations for further improvement across all areas of master data across site including the processing plant;
- Roadmap to deliver further improvement recommendations;
- Construction of master data that aligned with the standards.

ADDED VALUE

In this project, HolisticAM created added benefits for MMG. There was a significant cost saving for the client because of the flexibility of our services.

Once the initial onsite review was completed, the consultant finished the remaining works of this project remotely from Melbourne. The consultant worked closely with the MMG maintenance team using phone, email and video technology to ensure the project was delivered on time and within budget.

Holistic Asset
MANAGEMENT

Our Asset Management and Reliability Specialists offer a powerful combination of industry expertise, subject matter mastery and dedication to delivering excellence for our clients, stakeholders and each other. Combine this with the application of the ReliaSoft software, (inclusive of sales, training and direct access to ReliaSoft's global resources) will ensure any project has the resources for success.

If your organization does not have sufficient time, expertise or objectivity in-house to accomplish specific reliability goals, turning to our reliability experts can prove to be the most effective and economical solution.