



Case Study ASA Metals



Client Background

ASA Metals (Pty) Ltd is a joint venture between Eastern Asia Metals Investment Co Ltd from China and the Limpopo Economic Development Enterprise of South Africa. The company's mine and extensive on-site smelter and other processing facilities are located approximately 125 kilometres south of Polokwane on the eastern rim of the deposit-rich Bushveld Igneous Complex.

In order to achieve its vision to improve infrastructure availability and reliability, ASA Metals initiated a project to align its asset management (AM) practices in all departments and to integrate costs into their EAMS.

” *As ASA we need to go forward in achieving our goals to become a world leader in maintenance, partnering with Pragma makes this possible”*

Jan Boyens – Planning Superintendent, ASA Metals.

Pragma Intervention

- Upgraded from On Key 4 to On Key 5 to make use of new interface tool with the ability to interface to more than one Syspro company.
- Updated the interface tool to fit to their specific needs that was not yet covered in the standard interface tool.
- Guidance was given on standardising the asset type tree and asset tree.
- The asset tree was updated with latest equipment after a mini Asset Identification and Verification project.
- AM reports was loaded and customised to include costing reports.
- In process to develop skills on certain individuals through specialised training provided by the Pragma Academy.
- On Key Analytics was loaded, which is a built-in business intelligence tool that enables dynamic and flexible data mining and analysis of a wide range of asset management data and even beyond.

Key Challenges

- Cost analysis could never be done in On Key 4 because of the way their financial system was configured.
- Departments all followed their own standards in asset tree structures and maintenance plan development.
- Analysis on information was nearly impossible as key reports was missing.



Performance Improvement

- ASA Metals now has a structured asset management environment with the asset type tree and asset tree giving them a firm grip on the location of their assets.
- Asset management is adopted throughout the company and established as a culture.
- Management now has a clear understanding of their costs as they can use On Key Syspro interface to determine the real values against work done.
- ASA Metals is poised for sustainable asset management by reaping the benefits of a formal, structured asset management management system in compliance with the ISO 55000 standard.

Tools and Technology

- Asset Care Centre Foundations.
- Asset Care Plan Development.
- Asset identification and Verification.
- AM specialised training modules.
- On Key 5 Syspro interface tool.
- Analytics.
- SQL Server Reporting Services.