

Case Study

PPC



Client Background

PPC Ltd, the market leader as South Africa's largest cement supplier, commenced operations in 1892.

As the leading supplier of cement and related products in Southern Africa, PPC Ltd has nine manufacturing facilities and three milling depots in South Africa, Botswana and Zimbabwe that can produce around eight million tons of cement products each year. As part of its strategy and long-term plan to grow revenue by 40% outside of South Africa, PPC is expanding its operational footprint into the rest of Africa, including Botswana, DRC, Ethiopia, Mozambique, Rwanda and Zimbabwe. PPC also produces aggregates metallurgical-grade lime, burnt dolomite and limestone.

PPC has been a Pragma client since 2002 and over the years a solid partnership has been cemented.

"PPC's and Pragma Africa's new partnership promises to take Strategy Management and Asset Care to new levels of Excellence".

Louis Fouche Central Asset Care Manager

Project background

- PPC and Pragma completed their joint Maintenance Optimisation Program (MOP) that saw the implementation of On Key as EAMS together with the supporting Best Practice Business Processes in 2008.
- In 2013 PPC decided to continue its partnership with Pragma and the On Key EAMS in direct support of their company asset care vision and strategy after doing a feasibility study.
- With the decision to upgrade On Key, PPC decided to jointly develop software solutions and functionality together with Pragma to ensure alignment with the latest business requirements.
- PPC successfully upgraded to On Key 5 in 2014.



Performance Improvement

- Better utilisation of the maintenance staff's time
- Improved coordination between Operations, Maintenance and stores
- Accurate budgeting based on forecasted tactical maintenance, labour and spare parts
- Availability of spare parts and other resources when needed
- Optimal utilisation of equipment stoppages for opportunistic maintenance
- Elimination of wasteful waiting time
- Proper prioritisation of maintenance work according to predefined rules.
- Work is prioritised according to importance, best practice and an industry standard algorithm
- Formal planning of all non-urgent work to ensure optimal utilisation of the maintenance staff and the availability of material and tools as required
- Scheduling of maintenance work in conjunction with Operations for a rolling three-week window
- Daily allocation of work to the most appropriate resources
- Managing urgent "break-in work" on a daily basis

Current Interventions

- In partnership with PPC, Pragma developed an Advanced Planning and Scheduling tool in On Key to assist with getting the job done at the right time, with the right people and resources, at the right cost.
- Making use of the On Key integration functionality PPC developed a tool called Asset Care One that brings together information from On Key, their meeting manager app and their training material app all in one place.
- Models are being built for use with On Key Analytics that makes it possible to:
 - compare cost between different sites
 - assist with KPI standardisation across the sites
 - empowering the site's Asset Care Teams
- PPC has an integrated solution between the On Key EAMS and their SAP ERP to provide the engineering team with visibility and information on spares

Tools

- Pragma On Key Enterprise Asset Management system
- Asset Register Management
 - Work Planning and Control
 - Integration
 - Asset Care Plan Development
 - Material Management