



Client Background

B2Gold Corp, located north of Otjiwarongo, is one of the largest producing gold mines in Namibia. Other B2Gold mines are located in the Philippines and Nicaragua, with a strong portfolio of development and exploration assets in various African and South American countries.



Key Challenges

- All Asset Management activities were 'controlled' using Excel.
- There was no control over:
 - human and machine utilisation
 - cost
 - general job control.
- EAMS (On Key) was implemented for job card control.
- System generated Work Orders (WOs) started to grow exponentially.
- With On Key Analytics it could be seen that the rate of creating and closing WO's as well as reactive work vs. preventative work was out of control.
- Task planning on the different levels was difficult.
- No communication boards were available.
- Top down support was limited.



Value Add

- The company culture changed to one in which Asset Management is adopted by the organisation.
- More top down and line management support was given once the weekly plan structure was introduced and proper reports could be run.
- Unnecessary WO's were eliminated.
- WO turnaround time was drastically decreased.
- Reduction in administration time allowing technical resources to focus on maintaining assets.
- Optimised resource utilisation.
- Improved communication structure.
- Average decrease of breakdowns: 93% (Nov-May 2014 compared to Nov-May 2015).
- Average utilisation increased by 25% (Jan-May 2015 compared to Jan-May 2016).

"Introducing the On Key planning and scheduling tool highlighted the amount of unnecessary Work Orders, and proper Work Order planning sessions were held with the parties concerned."

Client

Pragma Intervention

- On Key system experts did a system audit on the EAMS to determine what was lacking in the system.
- Introducing the On Key planning and scheduling tool highlighted the amount of unnecessary WO's.
- Proper WO planning sessions were held with the parties concerned.
- Planning boards were introduced (the head planner decided on the type of boards to be used) to practically communicate the plan for the upcoming week.
- The On Key planning and scheduling tool helps the planning department to populate the planning boards.

Tools and Technology

- On Key EAMS
- On Key Analytics
- Maintenance Planning Board.
- Asset Care Centre Foundations
- Asset Register Administration
- Work Planning and Control
- On Key Planning and Scheduling tool.