



CLIENT: Underground Coal Mine

| LOCATION: NSW, Australia

THE CHALLENGE:

Our client was seeking to develop and implement a key SAP planning master data project for two underground mines in NSW. This work was targeted to achieve the following returns:

- Validation of equipment commonality
- Define site locations in SAP
- Develop and implement Bills of Material (BOM)
- Provide key user training on how to utilize and maintain content

THE SOLUTION:

Working closely with the site maintenance and operational personnel we were able to develop a project plan to deliver the identified goals. This was completed through the conduct of the following activities:

- Identify equipment type make and model
- Analysis of site equipment to identify construction types and sub-components
- Identify inventory that had not turned for over 2 years and establish potential return on investment
- Establish common/unique equipment types
- Develop functional locations in SAP and identify equipment requirements for maintenance planning
- Allocate OEM components from catalogues to each functional location
- Establish BOMs for each construction type
- Develop and implement a training plan for site users

The project was conducted onsite over a period of 10 weeks.

THE RESULT:

This project delivered an accurate and up to date SAP master data set to both sites that could be used by site personnel to effectively plan and allocate inventory to maintenance tasks.

- 4000 items of inventory were correctly allocated within SAP
- Reduced time to plan work orders due to ability to allocate
- Less time rediscovering the right part for the job
- Reduced time spent getting quotes
- Improved Inventory.
- Better decision making on Max / Mins
- Increase use of Inventory with less free text purchases.
- Allows clear identification of redundant components
- Budgeting

This new data will allow the company to more effectively analyse inventory allocation in the future to identify cost savings