ABB completes $2.1 million enterprise and asset management system project for Anglo-American coal mines

ABB in South Africa has completed a $2.1 million project to supply an enterprise and asset management (EAM) system to 11 of Anglo American’s coal mine sites.

The order was booked in May 2015 and the project was completed in December 2015.

ABB supplied its latest ABB Ellipse EAM Version 6.3.3 which provides Anglo American with an enterprise-wide solution for finance, supply chain, work scheduling and engineering for its coal mine business.

The ABB Ellipse software, the world leading EAM system for asset-intensive industries, is an upgrade on the previous Version 5 system and end-of-life hardware which had served the Anglo-American coal mining operations well for the past 12 years.

Andy Ives, Senior Practice Director, Enterprise Software, part of ABB South Africa’s Power Grids Division, says ABB Ellipse was built for asset-intensive operations such as mining. The system benefits plants asset-intensive customers because of increased plant uptime and lower operational costs.

"The ABB Ellipse system allows you to plan maintenance because it shows how your plant assets and equipment are performing, including trends over time," says Ives. "It saves asset-intensive plants money in that you can effectively manage your resources and in so doing reduce unplanned outages."

Lukas van Kasterop, Enterprise Application Delivery Manager, Information Management, Anglo American, says, “The project went smoothly from start to finish. This was a result of the right level of management being applied from both the customer and ABB, mixed with the expert technical skills that ABB provided. ABB supported us well in achieving our objectives in upgrading our Ellipse system as well as implementing work management. With work management implemented it makes our ERP an effective tool for scheduling and planning maintenance going forward”.

The ABB Ellipse system provides for plant-wide maintenance and includes an equipment register, stores/inventories functionality and a financial component, all of which support planned maintenance.

Any business in an asset-intensive industry can benefit from the ABB Ellipse enterprise and asset management suite of products especially with today’s focus on maximising plant operation performance and cost management, says Ives.

Asset-intensive industries that use the ABB Ellipse suite of EAM software include mining, utilities, transmission grids, municipality electricity grids, defence, rail, petrochemicals, pulp and paper, steel, telecommunications and renewable energy producers.

ABB’s global EAM team has hundreds of person-years’ experience in its enterprise and asset management systems. ABB Ellipse supports the ISO5050 standard.
In South Africa ABB has an experienced team of enterprise and asset management software engineers supported by ABB’s global sector of excellence for EAM development and implementation.

ABB (www.abb.com) is a leading global technology company in power and automation that enables utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

For help with any technical terms in this release, please go to: www.abb.com/glossary

For more information please contact:

Francois Marais  
Sales Executive Mining  
ABB Enterprise Software  
Tel: +27 10 202 5966  
francois.marais@za.abb.com

Media Relations  
Tel. +27 10 202 5090  
ZA-media-relations@abb.com

ABB South Africa (Pty) Ltd  
ABB Campus, 2 Lake Rd,  
Longmeadow Business Estate (North)  
Modderfontein, 1609  
Gauteng, South Africa