

Assmang implements MineSuite

Maptek MineSuite™ is implemented for production performance and fleet management. Assmang Limited's new Nchwaning No. 3 mine is located in South Africa, near Kuruman, in the Northern Cape Province.



Nchwaning's 2,200 m inclined shaft

HIGHLIGHTS

- MineSuite implemented for production performance and fleet management
- Capture events automatically
- Customised reporting

Assmang requires accurate real-time and end-of-period operational information to be available for management decision support.

Operational information needs to address product flow and grade, from the face to surface plant, while also facilitating the optimal use of underground production equipment and fixed plant.

From an IT perspective it is important to span the boundaries of the various processes, disciplines and systems in a single integrated management information environment.

MineSuite's Production Performance Management Information System (PPMIS) will allow Nchwaning No. 3 to capture events automatically or by means of electronic log sheets, generate the appropriate transactions, validate events and transactions, and compute in-shift and end-of-period Key Performance Indicators.

The PPMIS will ensure a single MIS environment, fulfilling the operation's requirements for production, engineering and quality data.

Initially, mobile units will be installed in LHDs, ADTs and drill rigs, with a further nine units to follow.

Equipment operators will use on-board graphical touch screens to communicate via a real-time wireless LAN link with the central control room, from which production activities will be coordinated and scheduled.

Customised reporting allows operational information to be delivered in different ways and formats depending on the recipient.

The MineSuite implementation will provide management personnel in all disciplines with in-time and end-of-period access to accurate operational KPIs, spanning the boundaries of processes and systems, while remaining focused on production.

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