

# minesuite

## Assmang implements MineSuite

MineSuite will be implemented by MinLog for production performance and fleet management at Assmang Limited's new Nchwanging No. 3 mine in South Africa, near Kuruman, in the Northern Cape Province.

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 Nchwanging 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. The system will reside on top of process level systems such as SCADA, InSQL Data Historian, LIMS and Fleet Management, while also allowing for future integration with anticipated ERP implementation.

The MineSuite Fleet Management System will allow real-time tracking, monitoring and management of the underground primary production fleet. It will also track the product from the stope ore pass to crusher feed bins.

Initially, mobile units will be installed in LHDs, ADTs and drill rigs, with a further nine units to follow in 2005. 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.



*Nchwanging's 2,200 m inclined shaft*

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.

**Thanks to**  
**Byl Bezuidenhout, Program Manager**  
**Johan Pistorius, IT Systems & Automation**  
**Assmang Limited, Nchwanging No. 3**  
**Karel Gilliland, MinLog**

Reproduced from Forge 4, 2004



**MAPTEK**

**[www.minesuite.com](http://www.minesuite.com)**

©2004 Maptek Pty Ltd, for more information contact [info@maptek.com.au](mailto:info@maptek.com.au)

adelaide | brisbane | newcastle | perth | sydney | usa | chile | brazil | south africa | united kingdom