

## ANGLO PLATINUM

To curb the theft of precious metals at Anglo Platinum, KeyMaster™ Pro access control system was integrated with a super-sensitive walk-through metal detector.

The Anglo Platinum group is the world's largest producer of platinum group metals (PGMs). Its operations comprise six mines, two smelters, a base metals refinery, and a precious metals refinery. In addition to platinum group metals, these operations also produce nickel, copper, and cobalt sulphate. The company's Rustenburg Base Metal Refinery (RBMR) produces quality base metal products and a precious metal concentrate for further treatment at the adjacent Precious Metals Refinery (PMR).

The technology partnership between Saflec and Controlsoft started with the development of Goldfinger, which is regarded as the world's most sensitive walk-through metal detector. Controlsoft design edits first access control system specifically for the Goldfinger installation at Rand Refinery, the world's largest gold refining plant. Controlsoft also developed Alchemy, the software that drives Goldfinger.

According to Saflec general manager Gordon Curr, Anglo Platinum selected the combination of a Goldfinger metal detector and KeyMaster Pro access control system to meet the demanding security requirements at the site, where more than 600 people are employed. A key objective was to implement an effective, non-intrusive way of detecting attempted theft of precious metals and provide a secure environment for the searching of suspects.

Alchemy software enables security personnel to detect abnormal levels of platinum group metals by comparing readings from the Goldfinger metal detector to typical "body profiles" stored in a database. KeyMaster Pro automates and streamlines the complex procedures that control how employees and visitors pass through the various high-security areas related to the metal detection system. A KeyMaster Lite off-line system controls access to the secure rooms where the KeyMaster Pro system servers and operator stations are installed. A separate KeyMaster Pro system is used for general access control and intrusion monitoring across the site. The two KeyMaster Pro systems are linked via Database Synchronizer, which allows full anti-passback and zone control while maintaining a separation between the high-security areas and other areas of the site. CCTV cameras integrated with the KeyMaster Pro system enable operators to monitor areas around specific access control readers.

