



Ams[®] SOLUTION PROVIDERS:

RONIN GRAIN MANAGEMENT SOLUTIONS

1 Nobel Avenue, P.O. Box 556, Modderfontein, 1645, RSA.

Tel: +27 (0) 11 608 3666 Fax: +27 (0) 11 608 4679

office@roningms.com www.roningms.com

RONIN INVENTORY MANAGEMENT SYSTEMS

Suite 20, Quay Walk Building. Tuzi Gazi Waterfront. Richards Bay. South Africa.
P.O. Box 101825. Meerensee. 3901.

Tel: +27 (0) 35 788 0600/1 Fax: +27 (0) 35 788 0602

office@roninims.com www.roninims.com

RONIN LATIN AMERICA

Uruguay 2602, 2 Piso Ofc. 6. Beccar - Prov. Bs.As. CP 1643.

Tel: (011) 5648 6848 Fax: (011) 5648 6446

ronin@roninarg.com.ar www.roninarg.com.ar



MOMENT IN TIME

RONIN SOLUTIONS

A quick guide



WE PROVIDE THE FOLLOWING SOLUTIONS

BULK COMMODITY INVENTORY MANAGEMENT / PROCESS & QUALITY CONTROL (NIR/NIR-FT-NIR/CAPACITANCE)
QUANTITY SURVEYING AND MOMENT-IN-TIME AUDITS / PRECISION FARMING
YIELD MONITORING, WEIGH LOAD MANAGEMENT & CAMERAS AND ALERTS.





A FAST, ACCURATE AND COST EFFECTIVE BULK QUANTIFICATION SOLUTION



3D SURFACE MAPPING BULK QUANTIFICATION SOLUTION

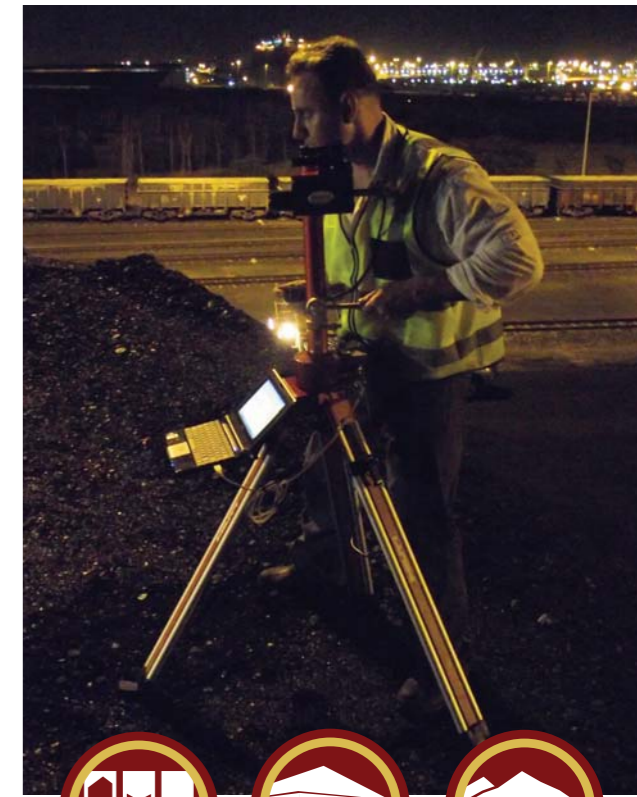
Accurately determine the exact volume of collateral bulk in storage.

By choosing the **AIMS** solution you can obtain accurate moment in time audits, displacement audits as well as supply verification audits. These audits are of great value to all bulk commodity handlers since ships, railway and road transport can be planned with ease and reconciliations can be done with accuracy.

THE AIMS REPORT

Once a survey has been completed an AIMS audit report will be generated.

Typically an AIMS report will contain a 3D surface map and height graphs along with relevant information such as bulk densities, tonnages and volumes. Depending on scope of work reports are usually generated within 24 hours.



BINS



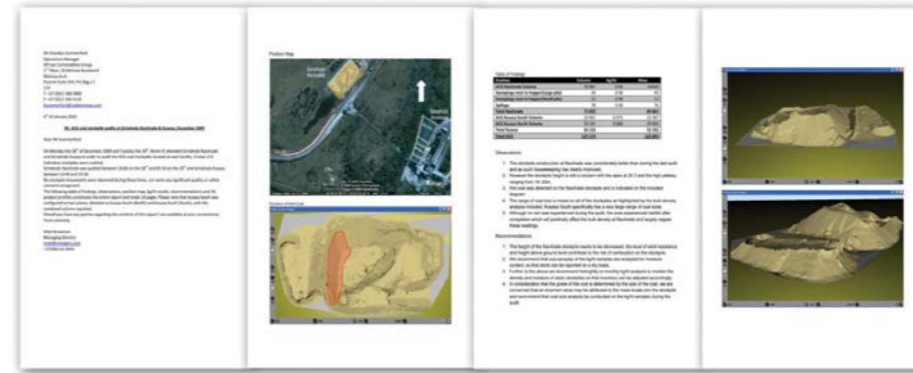
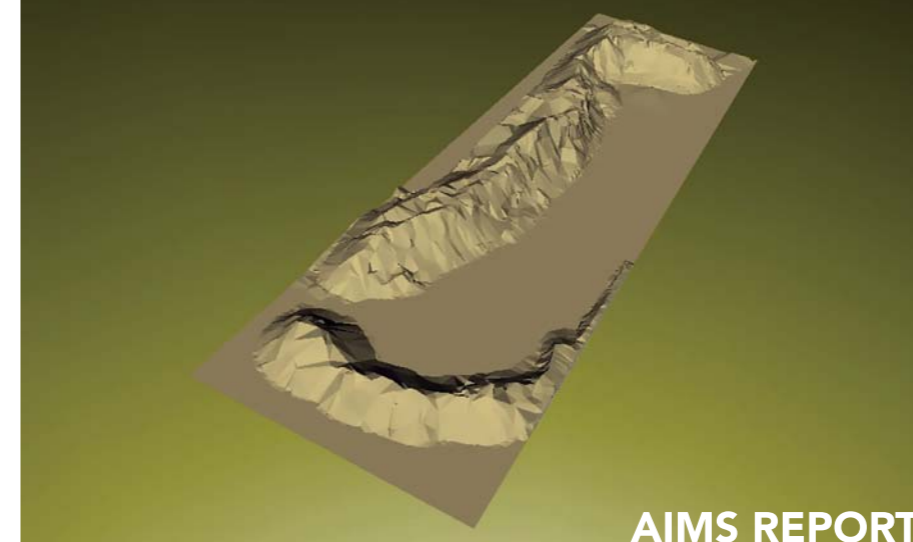
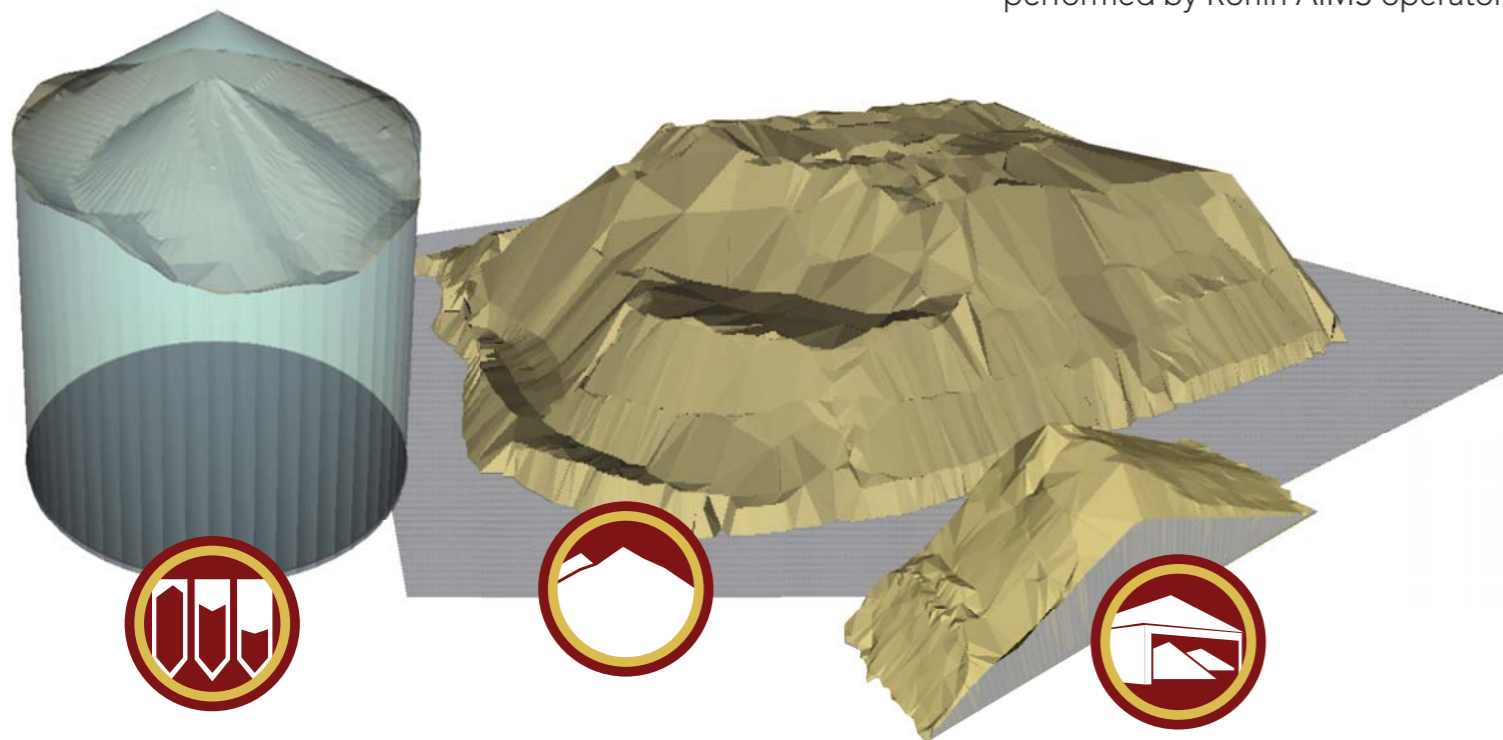
BUNKERS



STOCKPILES

BINS, BUNKERS & STOCKPILES

Below are examples of actual bin, bunker and stockpile AIMS moment in time audits. All of the 3D surface scans presented here were performed by Ronin AIMS operators.



AIMS is the ideal solution for bulk quantity surveying and the moment in time audit of bulk commodities stored within silo bins, on stock piles and in bunkers or warehouses.

AIMS GIVES YOU:

- Volumetric Audits
- Bulk Density Verifications
- 3D Surface Maps
- Height Graphs
- Volume & Mass

AUDIT EXAMPLES



For further information or a quote please contact us on +27 (0) 11 608 3666 or e-Mail: office@roningms.com or office@roninis.com. Visit our websites for this and other Ronin solutions: WWW.RONINGMS.COM • WWW.RONINIS.COM • WWW.RONINGMS.COM • WWW.RONINIS.COM • WWW.RONINGMS.COM