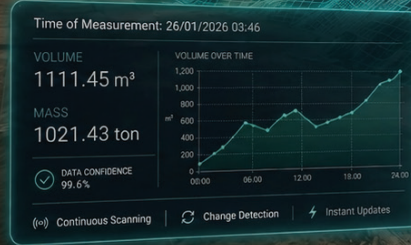


Inventory monitoring solutions for bundled and uncontained stockpiles



Technology developed by digital commodities monitoring innovator, **VERIDAPT**, introduces unprecedented visibility & reconciliation capabilities to the agricultural and metals commodity traders and operators.

AdaptVISION, **VERIDAPT**'s proprietary LiDAR-based measurement platform, provides real-time monitoring of ag and metals stockpiles for accurate 24/7 inventory reconciliation. This represents a major leap beyond existing solutions that rely on occasional quantity surveyor inspections.

VERIDAPT platform has been deployed to monitor indoor fertiliser, sugar, grain and copper concentrate facilities, as well as outdoor stockpiles of grain, salt and fine gold ore.



The robust monitoring equipment features cameras and LiDAR technology. It is designed to operate in dusty, harsh and challenging environments.

This highly accurate monitoring system automates inventory management of stockpiles. That leads to greater efficiencies in operations and logistics such as: optimising storage distribution, accurately monitoring production inputs and yield, and providing for better intel when best to buy and sell stock.

AdaptVISION is engineered for plug and play within 24 hours, preconfigured to start operating as soon as the 24V DC power is connected to the Gateway. One Gateway, our communications and compute device, can power up to 4 scanners.

About **VERIDAPT**

VERIDAPT bridges the physical to the digital across the bulk commodities supply chain to manage operations, mitigate risk, facilitate financing and monitor ESG goals.

Recognising a need for greater transparency in inventory management across agricultural, energy and metals, **VERIDAPT** continually develops proprietary technology for silos, tanks, free stockpiles and warehouse storage monitoring.

Accurate reporting allows complete visibility of emissions to facilitate carbon offsetting to help clients reach their ESG targets.



Learn about our **solutions** in action



AdaptVISION Benefits

- Reduce or eliminate stock write-offs by significantly improving month end reporting
- Free up resources- Digitize and automate inventory management processes, increase efficiency in document creation, reducing paperwork replication and transcribing
- Reduce or eliminate periodic quantity surveyor inspections
- Optimize ordering of product via re-order alerts
- Minimize safety risks
- Enable anomaly discovery outside of the ERP system, (correct misallocated loads or discover missed loads, verify BOLs and dispute supplier bills) by automating reconciliation between the book value and the actuals

AdaptVISION Stockpile Monitoring Technology

AdaptVISION stockpile monitoring technology brings unprecedented real time visibility, enabling data-driven decisions to best manage operations.

The scanners capture detailed data at several points throughout the day, and immediately send it to the cloud for processing. Proprietary processing algorithms extract the inventory amounts and movements automatically.

VERIDAPT's secure cloud platform ensures a detailed view of all inventory movements. Powerful reporting engine capabilities generate useful pre-configured or custom reports, such as daily reconciliation or month end stock on hand statements. Data can be fed into ERP systems via API connections.

VERIDAPT's proprietary technology detects unusual changes to inventory to flag suspicious or unexpected movements. It picks up long term reconciliation error trends and identifies when inventories drop below a minimum threshold.

AdaptVISION Features

- Cost-effective solution scalable to meet specific needs
- Scalable number of sensors to improve accuracy
- Configurable scanning frequency
- Weighbridge and PLC integration for inflow/outflow reconciliation
- 24/7 data feed with alerts and alarms identifying anomalies
- Full API connectivity to other systems available
- Digitally generated reconciliation of actuals vs book value
- Detailed view of transactions, including time, place and volumes
- Automatically reconciles against delivery dockets (BOL receipts) and sales orders (outgoings)
- Exportable to Excel/PDF for further analysis

