Ag Silo Case Study

Two major agribusinesses reap the rewards of digitised inventory monitoring and reconciliation

Challenge

Provide an alternative to manual inspections to achieve greater visibility, transparency and security over millions of tonnes of siloed grains managed by two major agribusinesses in globally diverse geographic locations. The clients required a scalable solution that would be cost-effective and easily installed and maintained on-site.

Solution

VERIDAPT's digital platform in pilot projects provided cost-effective real-time monitoring and reconciliation solutions that were installed under 3 hours. **VERI**DAPT deployed a combination of sensing technologies, including level and strain gauges measuring volume and weight. Wireless motion detection sensors were also easily installed for additional security. Alerts and alarms notify unauthorized movement of product via the cloud-based web application.

Benefits

Real-time accurate monitoring and reconciliation of inventories were achieved, leading to a scalable and cost-effective solution. Requirements for manual inspections were eliminated. Overall operations were streamlined and security over inventories increased. Greater transparency enables the facilitation of on-farm financing for agribusinesses

Strapping table entered based on any known parameters and improved over time as grain movements are compared to values captured at the weighbridge