AURY
Africa (Pty) Ltd

RFID Inspection & Asset Management Solution



RFID gives the mining industry the information that fuels efficient production and maintenance processes, and the control to protect safety in hazardous locations. Solutions employed consist of Hardware Components (Tags, Mobile Devices), Cloud Software and Reports.

RFID Asset Tags

A large variety of fit-for-purpose RFID Asset Tags is available, to suit any asset tracking requirement.

- A unique identification of assets, which cannot be duplicated
- Varying read distances, ensuring inspectors can complete their tasks safely
- Proof of presence that an inspector has been at the asset
- No need for line of sight. Tags can be embedded into asset surfaces, and even painted over



Mobile Devices

Fit for Purpose Mobile devices replace the need for paper based inspection systems in the field.

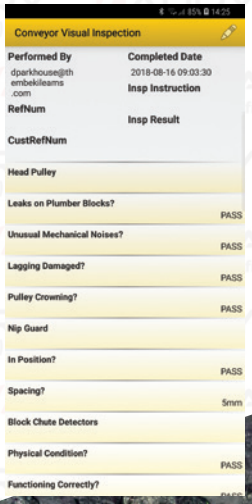
- A means of capturing inspection data, in the field
- Various environmental protection ratings, including Intrinsically safe and ultra-rugged
- Various communication technologies, ensuring the field worker can stay connected
- Embedded tools to capture images of non-conformances and update GPS locations of assets

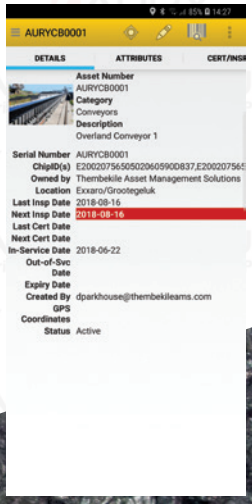


Mobile Applications

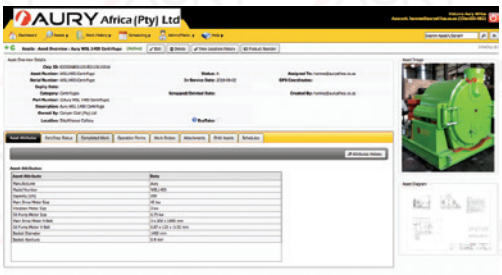
Free mobile applications for all popular platforms (Android and iOS) are available. Combined with mobile devices, mobile applications allow field workers to:

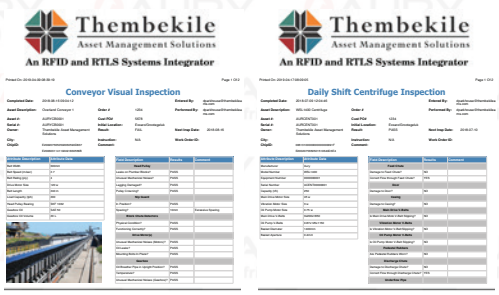
- Access detailed asset information
- Fully manage assets in the field
- Access Manuals, Standard Operating Procedures, Drawings and Images, enabling skills upliftment on the job
- Access previous inspections undertaken on the asset, with results of the outcomes, allowing for better decision making
- Complete digital inspection sheets and synchronize the results to the cloud software for processing
- Work in both online and offline modes





Cloud Software/Reporting





Cloud-based Software Portal allows for the enterprise wide management of all assets in the field. The portal provides:

- Access to asset data from any internet connected browser
- A dashboard for an overview of inspection status of all assets, including assets overdue, assets scheduled for inspection and those in progress
- An asset register of all field assets, with status information available at a glance
- Rapid creation of assets from templates, ensuring the correct information is entered automatically
- Detailed information of each individual asset, including past inspections, scheduled works to be undertaken and documents relevant to the asset
- Creation of inspection sheets, for distribution into the field
- A document repository with version control
- Automated e-mail schedules of inspections to be undertaken
- Integration into most third party ERP systems, to leverage on existing investment in these systems

Cloud-based software allows for:

- Real-Time reporting
- Generation of ad-hoc reports, using the standard report templates built into the solution
- Automated reports delivered via e-mail to required recipients
- Custom reports can be developed on request, utilizing the data captured
- Exception reporting

Aury Africa, based in eMalahleni, South Africa has a wide range of vibrating equipment solutions and services that provide the best in innovative screening for the global mining market.

Our service engineers are experienced in installation, supervision and commissioning, site inspection and training. Aury spare parts are supplied Africa-wide from our head office in eMalahleni.

Aury's production facility is fully integrated to ensure maximum efficiency. All steel components are manufactured in-house to Aury's exact specifications with continual technological advancements being developed through our sister company in Australia.

Our equipment is manufactured to ISO9001:2000 certification.

Contact us

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Asset Management Solutions
An RFID and RTLS Systems Integrator

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