

James Fisher
Asset Information
Services



Asset Integrity Management: Risk-Based Inspection (RBI) with R2S



The Challenge

Traditional inspection workflows create delays and backlogs:



Inspection teams deploy onsite and produce manual reports with photos.



Reports are sent to the asset integrity team for review and analysis.



Integrity teams highlight anomalies, assess degradation, assign risk categories, and plan repairs.

By the time decisions are made, teams are asking:

- When was this inspection carried out?
- Is the report still up to date?

The result: delayed feedback, unresolved anomalies, and increased maintenance risk.

The Solution R2S from AIS

R2S transforms how asset integrity teams manage inspections by combining:

- Real-world imagery
- Data integration (CMMS, ERP, registers)
- Remote visualisation

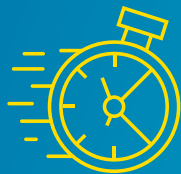
into a single virtual environment for effective collaboration, monitoring, and planning.

This enables asset integrity teams to see, tag, and act on inspection data in a shared workspace.

With R2S, asset integrity teams can:

- Tag anomalies at exact XYZ coordinates in the asset model
- Apply colour codes to classify severity
- Link tagged equipment to maintenance records, spare parts databases, and documents via direct plug-ins
- Gain a bird's-eye view of asset health, anomalies, and work orders

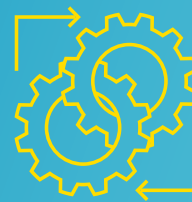
R2S Advantage



Faster inspection-to-action cycle times



Stronger collaboration across teams



Optimal asset performance and safety

Key Benefits



Remotely visualise anomalies
better prioritisation of maintenance campaigns



Remotely monitor inspection tasks
no need for constant site visits



Combine RBI + R2S
predictive corrosion management



Enhance productivity plan effectively before mobilising resources



Faster decisions
office and field teams collaborate in one shared environment



Cost savings
cut non-essential site visits



Time savings
eliminate wasted hours searching for information



Future-proof
sustain digitalised asset records with AIS self-capture kits

Who It's For

Operators who want to reduce inspection backlogs and strengthen RBI performance.

The R2S Advantage

With R2S, operators and service providers achieve:



Faster inspection-to-action cycle times



Stronger collaboration across teams



Optimal asset performance and safety

AIS ensures your digital asset environment evolves with your inspection needs.

Ready to reduce inspection backlogs?

See how R2S can enhance your Risk-Based Inspection program.

Book a Demo with AIS

contact@jf-ais.com