



Pulling data, not pushing paper

Topsides Conference 23rd May

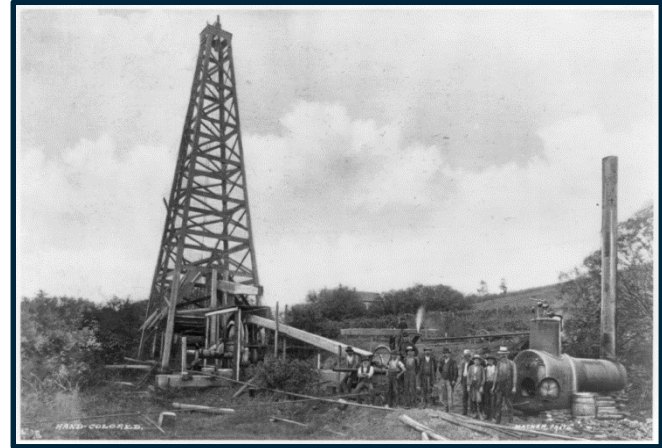
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Inspection – How far have we come?

- Traditionally our industry has historically relied on paper-driven processes for inspection and integrity management
- The industry **is** adapting to digital processes - that change has rapidly accelerated in the last two years as part of the 4th industrial revolution - driven by the advancement of emerging technologies and demand for greater efficiency
- The industry recognised, in the inspection enactment arena, that a system enabling all inspection delivery streams to capture data sets applicable to their requirements into one standardised format is key to success



What's the goal

The drive is one of establishing greater consistency, quality, efficiency and cost savings through:

- A move away from attribute collection (reports) to data collection (information)
- A common system across the globe of building work instruction, reporting conventional and specialist NDT and managing approvals
- Building standardised output reports which focus on quality, completeness and data which can be further analysed within a 'data lake' to optimise Risk based assessment
- Real-time paperless data capture at site, review and approval systems

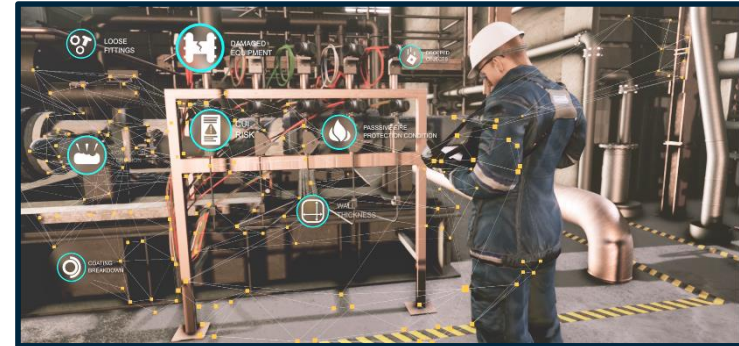
Ultimately: **optimise performance, positively impact safety and add value across all facilities in the oil & gas process**

Redesigning inspection enactment

The inspection industry has years of historical data but traditionally it's been difficult to harness/mine.

- Reviewing this process was the right starting point, there have been relatively few improvements or advancements to the data capture methodology over the last 20 years
 - This is contrast to the huge advancements in the capability to capture data through NDT, 3D modelling and scanning techniques.....**There is a clear opportunity to change**
- We created Inform **Inspect**™ to deliver greater efficiencies, rigor and commercial advantage for asset inspections. We reviewed existing templates, national and industry legislation and best practice, and identified a need for something smarter and more efficient

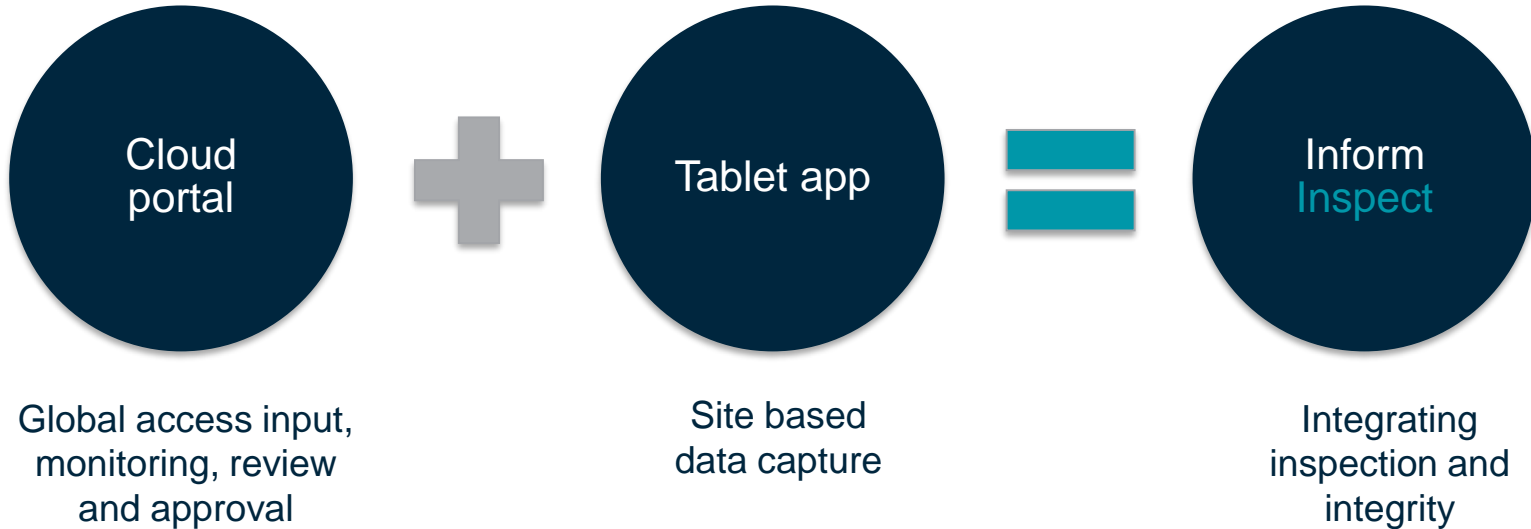
Inform **Inspect**™ has been developed and tested over two years and has undergone rigorous trials to ensure its suitability across different assets and geographies.



What does this look like

- An intuitive and flexible digital asset inspection system that increases inspection productivity by up to 30%

Inform **Inspect**™



Revolutionising integrity and inspection management



The benefits:

- A global standard for NDT which drives consistency for technicians and subject matter experts
 - Runs on commercially available tablets operated by technicians in the field
 - Breaks through the limitations of current inspection systems
 - Delivers more usable data in much less time
 - Part of an integrated suite of modules which can be integrated to any customer data management system
 - Enabling information to be inputted directly from site, then accessed and shared in real-time
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- **Efficient** Increases inspection productivity by up to 30%
 - **Safe** Less exposure to risk by reducing time at site
 - **Robust** Equipment zoned for hazardous locations
 - **Clear** Collects, structures and integrates data in real-time, without ambiguity
 - **Fast** Works both on and offline, communicating results immediately
 - **Secure** Data uploaded and linked to a cloud-based portal
 - **Intuitive** Easily adapted and updated, with global support
 - **Scalable** Works on single inspections to complex, multi-method projects



Connecting What's Needed with What's Next™