Leveraging Technology to Improve AM Capability

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Assetic Strategic Asset Management
Pick any ship, in any fleet, and any system and you find

**all the common assets are managed the same way**

with common information and standard methods to ensure assets run at optimal performance.

They don’t reinvent the wheel to manage common assets.
These systems are developed in Defence; by a lot of people, reliability engineering and maintenance analysis.

These systems deliver proven asset performance and once adopted are accepted and embedded as ‘the way things are done’ allowing other areas to be focused on.

You may be wondering … How does this relate to us?
All over the globe people are working hard building silos of information about their common assets common assets like roads, pumps, buildings, pipes
spending time building silos to manage common assets

they do this because common asset information is not readily available ..
they have no choice

imagine the time spent working to information every day on common assets, by asset management people in asset organisations..

what’s the impact of this duplicated effort?
it limits our ability to improve capability
Level 1: AD HOC
- Almost no repeatable processes
- Regressive maintenance
- No standardisation
- No feedback
- High cost of service
- Individual data

Level 2: REPEATABLE
- Processes dependent on individuals
- Reactive maintenance
- Limited standardisation
- Partial feedback
- Limited data sharing

Level 3: DEFINED
- Standard processes
- Planned maintenance
- National standardisation
- Key feedback to support decision making
- Data sharing (single source of truth)
- Cost focus

Level 4: MANAGED
- Standard processes have metrics
- Reliability maintenance
- International standardisation
- Pro-active feedback to support continuous improvement
- Monitor performance
- Data analysis based on historical data
- Value focus

Level 5: OPTIMISED
- Fully adopted and implemented processes
- Process improvements
- Strategic maintenance
- Suggestive feedback based on historical trends
- Benchmark between industries
- Industry expert
- Thought leader

Level 6: TREND SETTER
- Continuous process improvements
- Share Best Practices
- Participate in industry standardisation
- Focus on future decision making
- Benchmark between international industries
- Industry expert
- Thought leader
We are working to change that...
We want to change information capability from this...
We want to change these… to capability like this…
We want to change these… and eventually like this.
We are working to accelerate the common capability...
We will accelerate by...

• Leveraging the cloud, connectivity, benchmarking and analytics to **identify areas of asset excellence and share common asset information**

• Enabling best practices, processes, and knowledge to be shared across industry to leverage others strengths and **move beyond silo waste**.

• **Growing capability across industries with analytics** and benchmarked asset management data and processes
Asset Management
As A Service...
is the future of asset management.

• **Proven asset science**, workflows and standard data **embedded** in a cloud delivered information system – real knowledge at everyone’s fingertips

  • Science like Condition Assessment Methods, Maintenance Strategies, Data Standards, Valuation Parameters, KPI’s and Integrated Business Processes, Service Level Metrics, Life Cycle Profiles etc.

• **Asset Management As A Service** will enable capability improvement – Just add Assets!
An Integrated Framework is key…

The Foundations of Asset Management As A Service in the Cloud

Outcomes:
Industry based, future oriented, informed decision making and ‘line of sight’ enablement

Reporting:
Information at the fingertips to support optimised decision making and management

Business Processes:
Accelerate with fit-for-purpose processes that are proven across different industries and allow effective collaboration within the industry

Asset Information and Data:
Knowledge management based on industry standards to allow benchmarking, analytics and optimised decision making
capability benchmarks have lifted we want more
to raise the bar
we need to leverage existing science
industry is looking to technology to accelerate beyond the status quo
The ability to improve capability..

• Customers are looking to alternatives to improve services and fill knowledge and skill gaps

• We will remove the time wasted to develop proven wheels and give time back for value adding activities

• Activities like optimising services, innovating how we deliver AM, and growing in the most efficient way.

• Delivered in a cloud solution that is designed around ISO55X frameworks, connected to the internet of things, and designed to accelerate capability.
We want to change these...

Come chat about the future!