

Digital Transformation

The answer to industry pressures?

Billions of dollars miss the mark

This year, enterprises are expected to invest **US \$1.3 trillion** in Digital Transformation initiatives to improve efficiencies.

McKinsey suggests

70%

of transformation initiatives fall short.

Why digital is inevitable

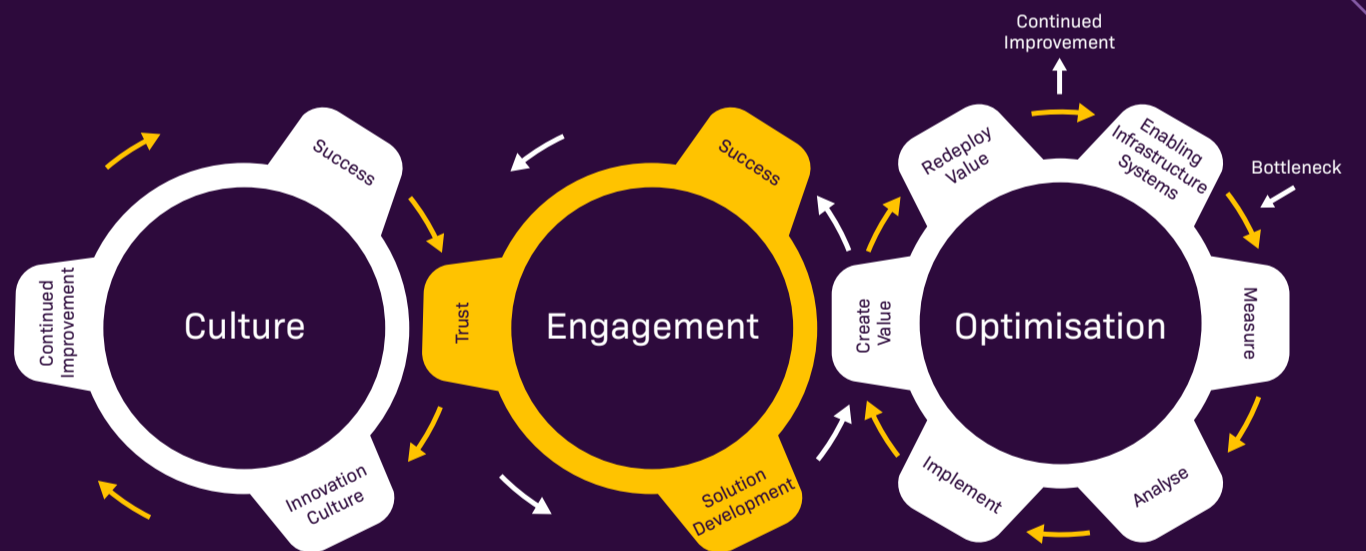
Regressive	Reactive	Planned	Proactive	Predictive
Insufficient hardware	Limited automation	Automated, measured and monitored	Alerts & notifications	Automated decision management
<ul style="list-style-type: none"> Limited/no standardisation Limited/no instrumentation Limited/no connectivity Manual operation of equipment 	<ul style="list-style-type: none"> Control system operational No process historian Manual operation of equipment Manual condition monitoring 	<ul style="list-style-type: none"> Operational data informs daily plan/priorities Online condition monitoring Planned maintenance/operations 	<ul style="list-style-type: none"> System bottlenecks known and prioritised Performance measured in \$ & in real time Online automated and actionable decision prompts 	<ul style="list-style-type: none"> Upstream operations adjusted to push system bottleneck downstream System performance automatically adjusted in real time



Five insights to avoid failure

- 1 Is the problem insufficient advanced analytics capability or insufficient enabling infrastructure to measure and monitor key performance metrics?
- 2 How do you combine offline and online advanced analytics to gain hindsight, insight and foresight of key performance metrics?
- 3 Is your partner technology agnostic with a history of co-operation and capable of collaborating with other vendors to deliver a holistic solution that unlocks value for redeployment?
- 4 How do you ensure your workforce is engaged when a digital solution is rolled out by allocating appropriate project sponsorship, ownership and change leadership?
- 5 Does your plan focus on unlocking the system bottleneck then redeploy that value to consistently shift the bottleneck down stream via small successive improvements?

Human factors at the heart of success



Digital Solutions: Offer new approaches to challenges

<p>Operational stability</p>	<p>Increased productivity</p>	<p>Asset availability, utilisation & lifecycle</p>	<p>Safety & security</p>
<p>Improved regulatory compliance / reporting</p>	<p>Reduced energy use</p>	<p>Lower operating costs</p>	

Get in touch and find out how we can improve your performance.



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