

Asset Management Systems Assurance and Testing

A KPMG Service for G-Cloud 15



Introduction to KPMG's Asset Management Systems Assurance and Testing Service



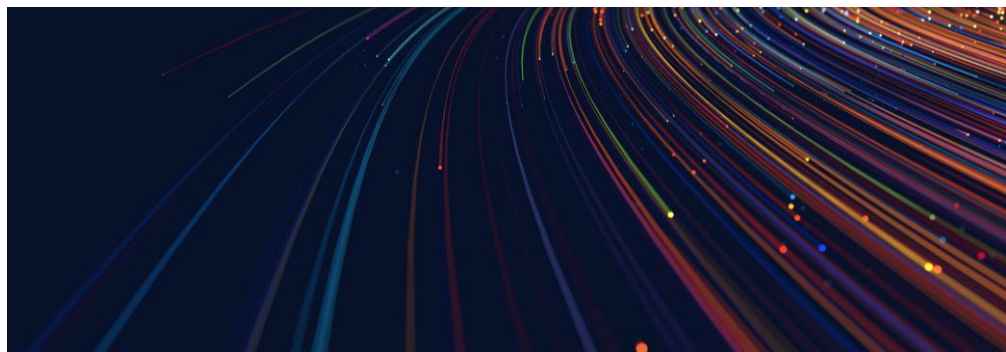
Service Description:

Asset-intensive organisations remain resource-intensive and ripe for digital transformation:

- Digital transformation programmes are failing to deliver
- Traditional asset management approaches have not kept up with the pace of change
- Supplier-driven point solutions are propagating inefficiency and waste of resources
- The proliferation of AI is providing opportunities for new use cases, but organisations continue to recognise or realise the benefits of these technology advancements

We enable the rapid deployment of asset management solutions to unlock value.

We help organisations improve compliance, strengthen safety and reliability, and make better operational decisions by leveraging operational and maintenance data to drive actionable insights.



What are the benefits of KPMG's Asset Management Systems Assurance and Testing service?

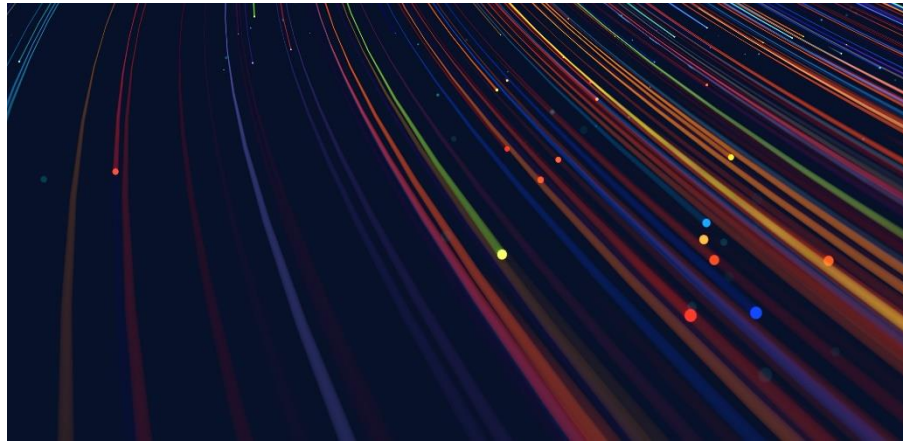
- A global infrastructure network at the forefront of Infrastructure Advisory good practice
- Established solutions ecosystem from technology majors to start-ups to bring innovative, robust and scalable solutions
- Working with large, complex asset-intensive organisations across multiple sectors and asset classes
- Helping navigate the complex technology and systems landscape
- Improved regulatory compliance and reduced risk as a result of stronger operational discipline



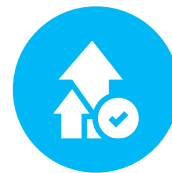
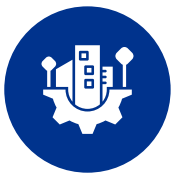
Our service features

- Analysis of maintenance and operational data to ensure maintenance needs are constantly met and processes continuously align with regulatory standards
- Review work orders, maintenance strategies and inspection results to ensure that day to day work is delivered to the required standards, aligned with best practice and scalable
- Services to test, identify and develop strategies that unlock value to customers and stakeholders through what if scenarios without causing operational risk
- Assess data integrity to ensure data is complete, consistent, reliable and compliant. Services also support drift detection and identification of anomalous behaviours.
- Assess impact on safety, performance, and throughput as processes / operations scales
- Services to ensure teams, processes, and systems are ready for new operations

KPMG Approach



Our approach takes a strategic perspective, combining the best of infrastructure advisory with knowledge of the technology landscape and a focus on outcomes to identify solutions that drive sustainable value



Infrastructure

Deep infrastructure expertise across multiple sectors...

- Our global infrastructure network keeps us at the forefront of Infrastructure Advisory good practice
- We work with large, complex asset-intensive organisations across multiple sectors and asset classes
- We understand what it takes to go beyond the ISO standards, and where there is value in doing so

Technology

...plus data, analytics and digital capabilities...

- Helping you navigate the complex technology and systems landscape
- Market leading digital and data analytics approaches
- Partnerships and accelerators for all key systems and vendors

People

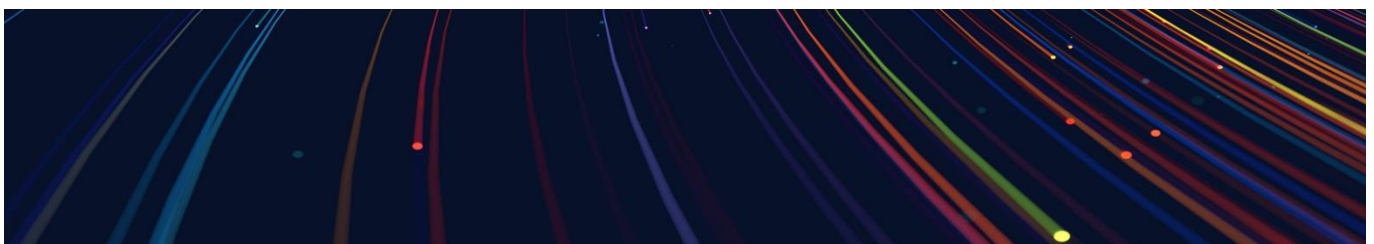
...with a focus on people...

- Delivering sustainable change by focusing on your people and embedding a digitally-driven approach to infrastructure management
- Bringing experience through certified asset management, operations and digital specialists, who have made this happen in highly regulated industries.
- A global presence across 150 countries, with resources and expertise to serve clients around the world.

Value

... to deliver better outcomes and organisational impact

- Building the case for change and securing stakeholder sponsorship
- Improving productivity, organisational effectiveness and efficiency and the channels to 'cash out' and unlock value
- Managing and delivering change to deliver long-term organisational transformation



Why KPMG

Helping organisations exploit existing tools and deploy new capabilities to drive value across their asset management portfolio



Specialist Solutions

We have an ecosystem of partners who are delivering cutting-edge specialist solutions that are pushing the boundaries of asset management capabilities in asset-intensive sectors like water, rail, power and defence.

We provide the configuration, implementation and change management to support the technical know-how of these technology partners to help organisations realise these benefits.



Enterprise Systems

We design and implement processes and workflows to help our clients manage projects and assets more effectively in their enterprise management systems.

We can help configure systems and provide the business change layer to make sure that systems changes translate into business improvements.



Dashboards/Reporting

We work with all the major dashboard, reporting and analytics tools and can help organisations get instant impact from their data.

We have helped organisations move from spreadsheet models to robust, supported, professional dashboards and reports that can be deployed across the business.

Case study

For a rail organisation, we refreshed the asset register, identified data misalignments, and incorporated feedback from physical audits. This work enabled faster identification of required actions, streamlined the capture of audit data, and supported better practices in line with the AMAF, ISO 8000 and ISO 55000

Case study

For an Australian rail organisation, we developed a Proof-of-Concept Digital Twin that demonstrated how users can improve the efficiency of maintenance scheduling by providing insights into the optimal number of tasks that can be completed under different scenarios, along with the ability to quickly update schedules.

Case study

We recently helped a large infrastructure organisation **stabilise and improve its internal rostering toolkit** to support modernisation of its maintenance practices.



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