



ISO55000 - The International Standard for Asset Management

How can it help you improve your Asset ?

Bob Baxter
September 2014

CGI is a global end-to-end IT and business process services leader

High-end business and
IT consulting

68,000 professionals,
75% shareholders

4,500 clients
across the globe

System integration,
IT and business process
outsourcing

400 offices,
40 countries
around the world

9/10
client satisfaction score for the
past 10 years

100+ mission-critical
IP-based
solutions

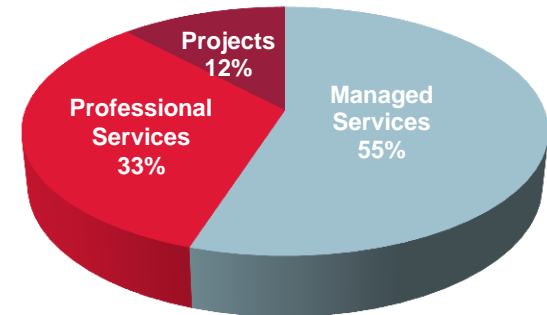
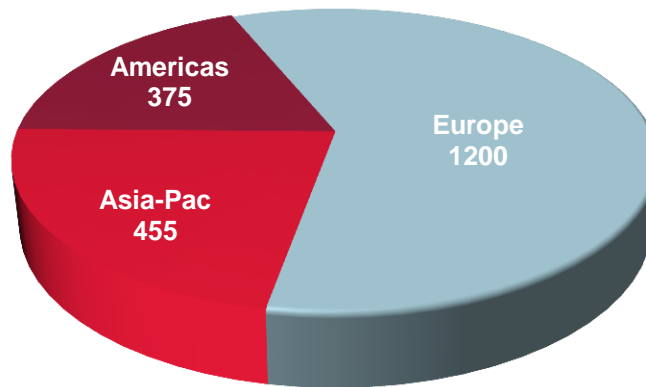
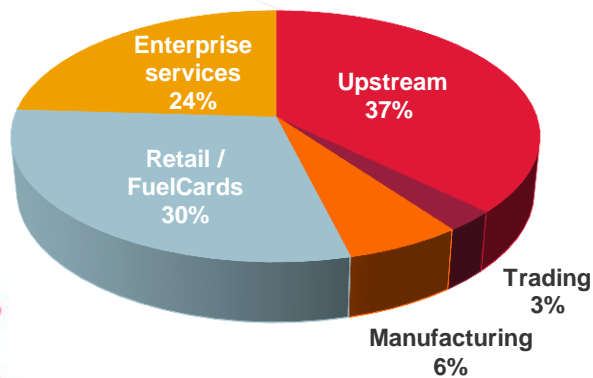
\$10B
annual revenue

World's 5th largest independent IT and BPS firm



CGI Oil & Gas Global Footprint

(Over 2000 professionals based in 24 locations)



‘My Assets Are Safe and I Can Prove It!’



Asset Integrity in Oil & Gas

Goal: To maximise production without compromising safety, O&G companies must ensure the long-term integrity of their assets

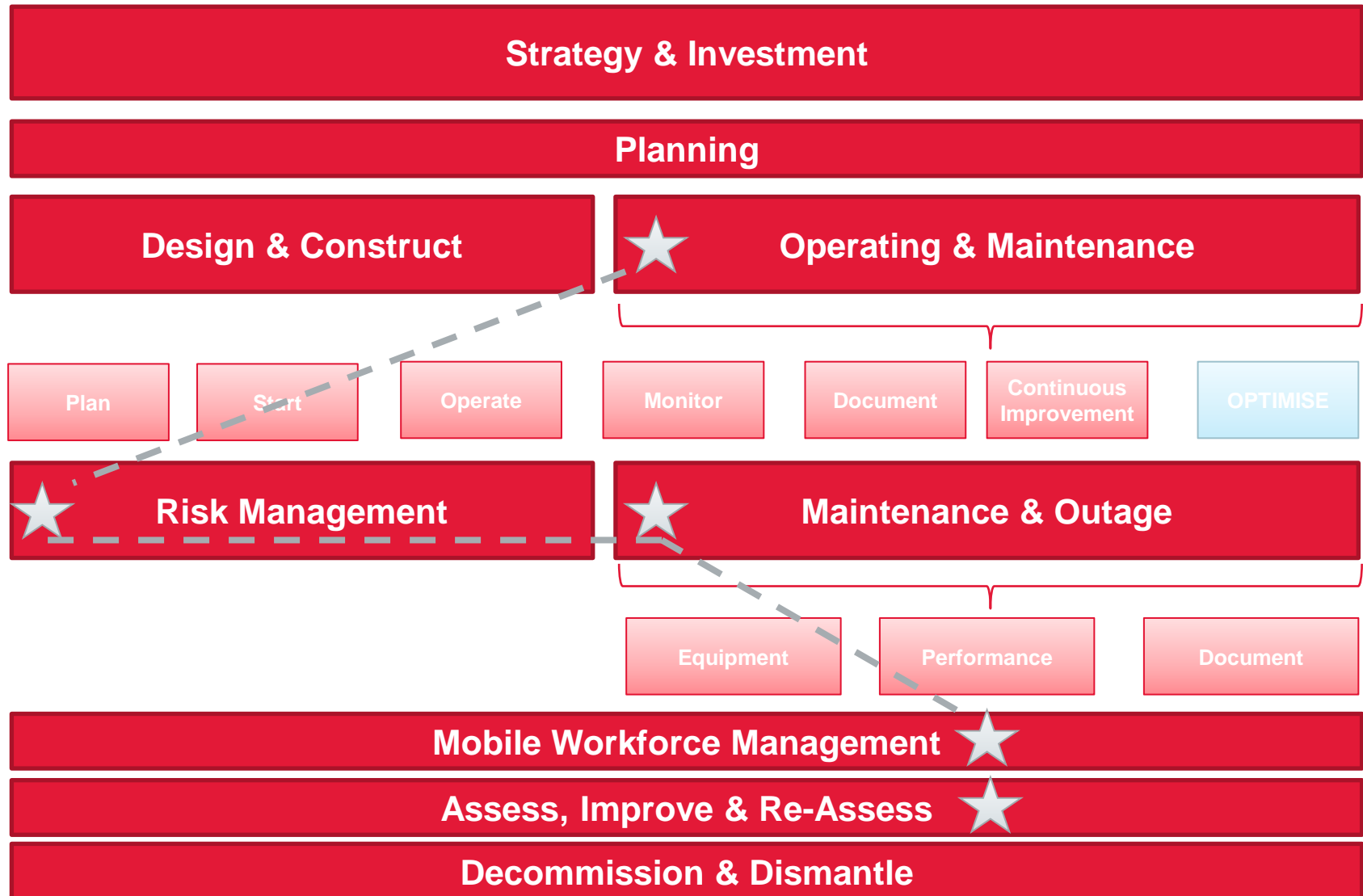
Developing an integrated approach to asset management drives efficiency and reliability .. and provides a competitive edge.

- Oil & Gas is one of the most asset-intensive industries in the World.
- Companies are operating in an increasingly complex & competitive market
- Asset integrity is critical to the Business and Health & Safety
- Need to ensure uptime and safety while reducing risks and costs

Only the right mix of people, processes and technology can safeguard asset integrity and maximise profitability.



CGI Enterprise Asset Management Framework



Voice of the Asset – A Value Based Framework

Assets are able to talk to each other, and adapt and self-heal based on intelligent data transmission, life cycle responsiveness and service levels compliance

Smart Assets

Listen to your assets: using sensor technology and mobility channels, they will transmit data on their condition, exchange intelligence, so you can address issues before they arise

Insight and Value

Maximise the value from your assets and workforce, pinpointing areas of focus and providing the right information to make effective decisions

Near Real Time Processing & Integration

Maximise the value from your assets and workforce, pinpointing areas of focus and providing the right information to make effective decisions

With the convergence of new generation apps and business management systems, we work together towards:

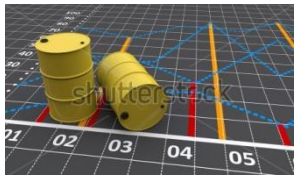
- Optimising your operations
- Managing risks
- Achieve concrete results without compromise



Next Generation Enterprise Asset Management

Challenge: *Massive infrastructure requires the Supply Chain to operate smoothly to ensure efficiency, safely and with limited downtime*

Use Next Generation EAM to Unlock your mobile & digital capabilities and gain access to:



✓ **Critical Data**



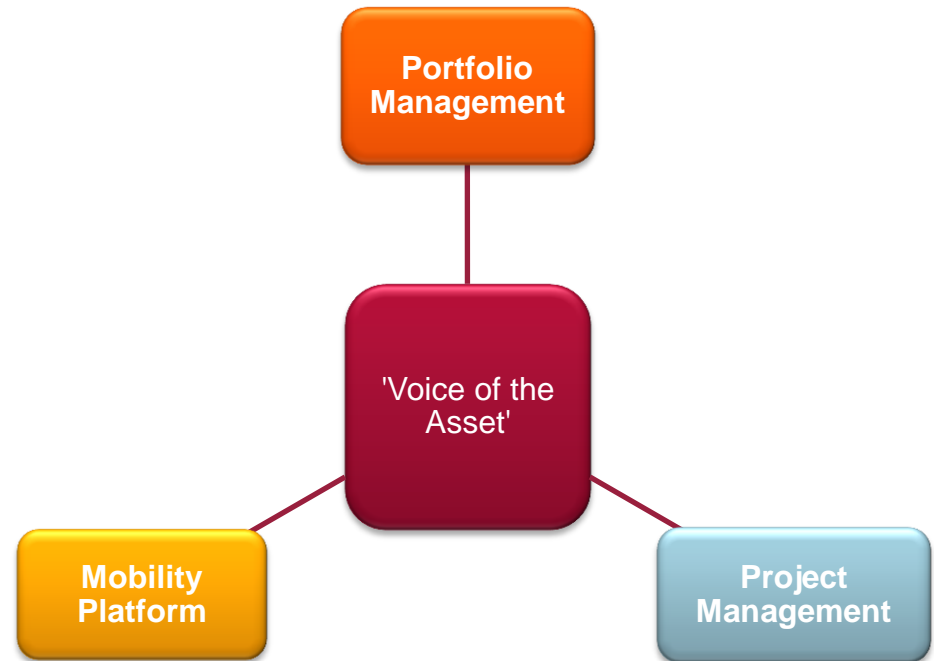
✓ **Near Real-time data**



✓ **Across Assets**



✓ **Regardless of location**



Asset Portfolio Management

Portfolio
Management

Hear what your Assets are saying.... Based on real-time reports that you can extract from your existing ERP Systems.

- ✓ Effectively transfer documentation related to your Assets from Project to Operational environments
- ✓ With centralised or linked* data, you can prioritise the start and the end of projects

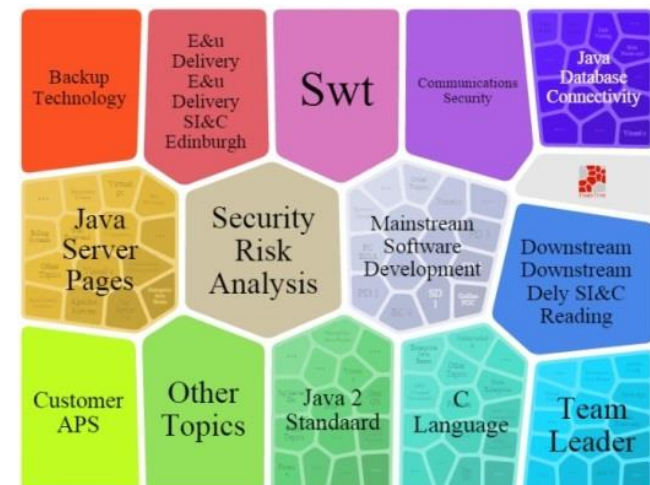
Benefits:

1. Cost Reduction & Resource Optimisation circa 30%
2. Understand your ISO55000 Asset Compliancy
 1. By Products...
3. Value from Real-time Monitoring of your Assets
4. Knowledge & Skill Set Transfer

CGI Insight Semantic & Discovery Search

Demos available later today ..

Decide in 60 seconds if this could work for you!



CGI

Mobility Platform

Mobility
Platform

CGI & OpenText ... Transform your raw data into Smart Data

- ✓ Use your existing ERP data –
- ✓ No need for bespoke code or software if you deploy OpenText or CGI Insight or both ...

Benefits:

1. Optimise your resources
2. Reduce the total cost of ownership of the asset
3. Planning and scheduling work
4. Knowledge retention and mapping of resources geographically



Life-Cycle Management

Decommission, Divest or Prolong?

- Retire your rig .. Or operate it at its different level?
- Business Critical decisions require accurate real-time data from the Asset on which to model scenarios
- Provides a 360 degree view of the asset

Benefits:

1. Maximise return on your asset's investment
2. Mitigate risk
3. Compliance to HS&E standards
4. Informed decision making = cost savings
5. Reduce cost of divestment through efficiencies



Conclusion

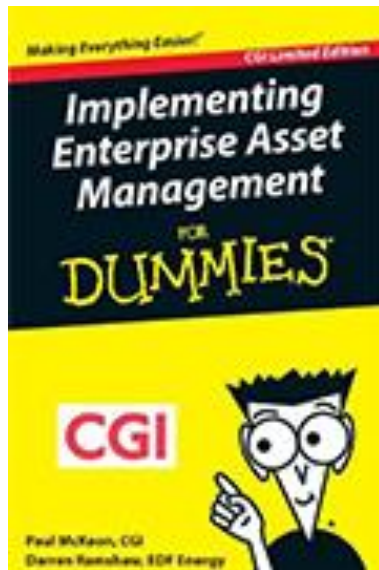
CGI understand the compliance and standard guidelines involved in your world.

- We are founding Patrons of the Institute of Asset Management and played an active role in developing the PAS55 standard, now recognised as ISO 55000 certification.
- We know the rules, we already have the skills & technologies to help you “sweat” your assets.
- With CGI & OpenText you are investing in a next generation EAM platform that enables you to get the most value from your existing ERP and BI systems.



For other CGI Materials and Information ...

www.cgi-group.co.uk/oil-and-gas/enterprise-asset-management



Optimise your Asset Performance with CGI's Enterprise Asset Management solutions

Companies are under increasing pressure to maximise return on their fixed assets, by reducing maintenance costs, improving reliability and maintaining asset availability. Harnessing the power of all your asset data will ensure ultimate efficiency.

With a standards aligned EAM framework, being quality award winners for Enterprise Asset Management (EAM) and having delivered EAM to numerous clients globally, CGI are best placed to help you:

- Optimise your asset related cost and risk
- Achieve ultimate asset performance to support business goals
- View assets holistically with near real-time visibility of health, condition and performance information

THE CHALLENGE

All those working in asset intensive industries across public and private sectors will be aware that constantly reacting to failures and breakdowns costs you money, loses you revenue and interrupts service to your customers. Conversely, over-maintenance can lead to efficiency issues without improved reliability. The diagram to the left shows the optimum zone that companies are under ever-increasing pressure to achieve.



Implementing a traditional preventative maintenance strategy is essential, but omits to use the abundance of data available from control, maintenance and telemetry systems to influence these strategies. It's key that organisations harness this information to achieve the right asset strategies for each of their assets.

THE ANSWER

CGI advocates moving to an integrated and holistic EAM solution which will help achieve the asset performance required to support your business goals. Utilising CGI's widespread knowledge of the key EAM components will support you in achieving this:

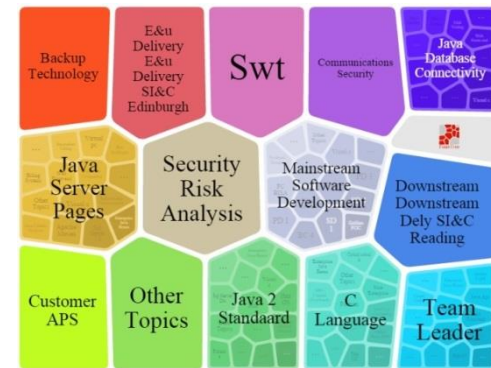
FACT SHEET

Why CGI for EAM?

- Quality Asset Owner
- Our team of experts take your language and understand asset management
- We have the expertise to be able to integrate core EAM offering to best of breed and point solutions
- Our framework includes proven templates that accelerate your adoption of new practice, so your project takes less time and gives you a better result
- Supports organisations on route to achieving PAS 55 (soon to be ISO 55000) and ISO 14224, ISO 43001 and ISO 43002

PROBUDIT LEADERSHIP: See implementing Enterprise Asset Management for Dummies

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www.cgi-group.co.uk/article/the-institute-of-asset-management-iso55000-launch

QUESTIONS?



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Experience the commitment®