



Hexagon is Empowering Customer Success & the Future of the Oil & Gas Industry with Smart Digital Reality™

BACKGROUND

Hexagon has over 50 years experience designing technology to support customers across the entire lifecycle of asset-intensive projects within Industrial Facilities - the most complex projects to design, build and operate. Hexagon is passionate about working with customers to close the data leverage gap and put the data they have to better work. Our world-class technology allows customers to manage assets throughout its lifecycle to capture and track important asset data to produce actionable insights that improve collaborative processes, enable better decision-making and drive more profitable, safe, and sustainable outcomes both for our client and the planet.

OBJECTIVE

Our mission is to enable customers to rethink and transform their businesses by incorporating digitisation across the entire value chain. By bringing together our innovations in software, sensors, and autonomous solutions, customers can better capture, share, and visualise data across entire project lifecycle, resulting in the most seamless, turnkey handovers from design and build to operations and maintenance. By fusing the physical and digital worlds and transforming unstructured, disconnected data into intelligent insights, our customers can improve their operational readiness and integrity using a single source of truth for all essential asset and equipment data, presented in multi-dimensions.

METHODOLOGY

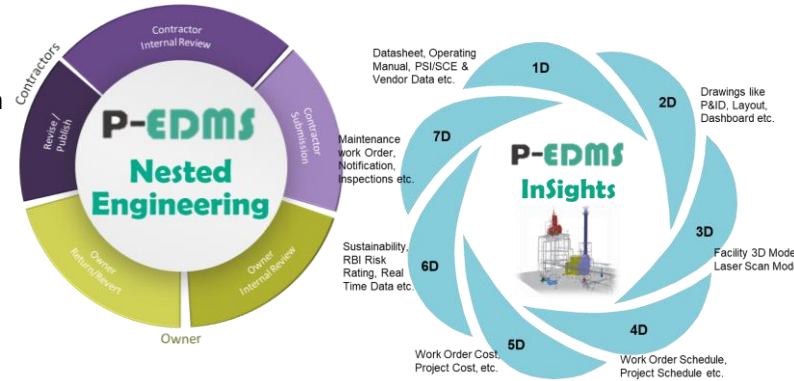
Our core competencies add up to the most dynamic and powerful use of data in history: The Smart Digital Reality™. Smart Digital Realities introduce autonomy, creating the power to understand what was and what is, and to see what could be, what should be and what will be. This is the ultimate form of data leverage and the foundation for the autonomous future. This is our strategic advantage and the greatest source of value for our customers. This value has already been realised by our customer, a major owner operator in Malaysia, where a collaborative approach using our technology has brought together data in one platform to unlock insights.

UNLOCK THE POTENTIAL OF YOUR DATA:

We are driving connectivity, collaboration and consistency across the asset lifecycle to achieve proven benefits for customers.

AUTOMATE WHERE IT MATTERS: We help customers automate where it makes the job easier and help them reach new levels of safety, quality, efficiency and productivity by leveraging software and sensors to help them automate tasks.

DIGITAL YOUR WAY: We meet customers wherever they are in their digital journey/level of maturity. We can help them transform specific processes or the entire lifecycle. We take a collaborative approach to integrate our innovations to their real world challenges. We help them succeed by fusing the physical and digital world in a way that provides our customers with greater data intelligence, situational awareness and operational integrity.



Digital Projects

Digital Assets

Digital Projects							Digital Assets						
Plan		Design		Execute			Operate		Maintain		Secure		
Portfolio & Project Planning	Conceptual Design	Detailed Engineering	Procurement	Materials Management	Fabrication	Construction	Operational Excellence	Process Safety	Workforce Competency	Managed Equipment Strategies	Maintenance Effectiveness	Sustaining Engineering	OT / ICS Cybersecurity

Digital Backbone

Interoperability Connectors	Common Data Environment	Reality Capture	Digitization	Visualization	Analytics
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Autonomy Enablers

Connected Worker	Integration Middleware	Cloud / SaaS	Artificial Intelligence	IIoT / Sensors	Robots & Scanners
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RESULTS

Proven Outcomes: 20-30% Increased Productivity, 15-25% Schedule Compression, 10-15% Capex Savings, and reduce inventory & documentation efforts by 70+% for OT/ICS Endpoints, **Don't take our word for it. Here's how client's are benefiting from Hexagon technology across the entire asset lifecycle (Click the link to read more) -**

- [Invenergy saves 15mins per technician per day with HxGN EAM Mobile](#)
- [Petroleum Development Oman reduced tens of thousands of alarms per shift to less than 12](#)
- [CIMIC uses Hexagon materials management software to secure deal on LNG Mega Project](#)
- [Pipeline integrity turns compliance into business opportunity with advanced EAM technology](#)
- [Santos benefits from next-gen tech for full visibility of engineering info across the entire project](#)
- [Daicel improves shift handover & post-event analysis across 9 plants with one Digital Twin.](#)
- [Tetra Pack Global enhances productivity with a single source-of-truth](#)
- [AcceleratorKMS for Oil & Gas improves remote collaboration, compliance and saves time](#)
- [Odfjell ensures safe & sustainable chemical storage & subsea transportation with HxGN EAM](#)
- [Origin Energy reduces five hours of manually compiling dossiers to just 2 minutes](#)

CONCLUSION

Over 90% of the data in the world today was created in the last two years, yet, in the vital/heavy industries only 10-15% is being used. This is the status quo we aim to change. Putting unused data to work is our industry's greatest opportunity. When data is leveraged, transformative change happens. Hexagon solutions are empowering customers to accelerate their digital transformation and to gain the competitive advantage they need to thrive. The insights produced by improving how data is managed, shared and analyzed will not only boost efficiency, productivity and quality, but have a positive impact on human resourcing and safety, as well as environmental and sustainability concerns.