



**HEXAGON** + **touchstone**  
BUSINESS SYSTEMS FOR INDUSTRY

Channel Partner

EBOOK

# HxGN EAM for Oil & Gas

## Better Management of your Assets

Increased worldwide consumption of oil and gas products - especially in developing countries - is driving a growing need to discover new sources, to create new techniques and implement technological advances to extract hydrocarbons from deposits that only a few years ago would have been impossible. In today's postpeak oil era, this increasing complexity only intensifies the risk and volatility that oil and gas companies like yours must endure to survive and grow.

## Improve asset reliability

Get the best possible return from your capital assets - including the compressors, valves, pumps and motors that keep pipelines, oil platforms and wells operating at peak performance - with HxGN EAM's extensive, industry-specific capabilities, critical APM efficiencies and best-in-class functionality. Unlike other rigid and inflexible EAM solutions, HxGN EAM offers the flexibility to easily adapt innovative technologies to meet your changing needs.

**Achieve a higher return on your infrastructure with  
HxGN EAM for Oil & Gas**

# Use advanced EAM practices

With more than 30+ years of experience solving the business challenges of oil and gas companies like yours, HxGN EAM (formerly Infor EAM) can help you implement advanced asset management practices that give you a competitive advantage. You will get the kind of advantage that can only come from an asset infrastructure that is safe, compliant, cost-effective, and reliable.

Increase environmental health and safety (EH&S) awareness with capabilities specifically designed for the oil and gas industry, such as built-in predictive maintenance, performance monitoring & alerting, and the inclusion of energy consumption, costs, and efficiency into asset performance management. With HxGN EAM for Oil & Gas, you will gain visibility into and control 80% or more of your operating and maintenance expenses, taking operations far beyond the 25% to 30% that is typical for other asset management solutions.

# With HxGN EAM for Oil & Gas you can:

## **Increase asset reliability through predictive maintenance with APM.**

With our built-in performance monitoring and reactive, preventative, predictive and consumptive maintenance capabilities, you can monitor the condition of assets, detect potential problems, and prevent disruptions with maintenance alerts. These are just a few capabilities that APM introduces to your asset management strategies. APM enabled asset management supports the full asset lifecycle, allowing for ongoing optimisation of efficiencies for your businesses' critical assets. This approach will allow you to realise the full potential of mission critical equipment, increasing asset utilisation, improving capital allocation, and enabling productivity, efficiency, quality, and sustainability centered initiatives. APM proactively drive actions based on predefined rules by collecting and analysing real-time information from your supervisory control, data acquisition (SCADA) framework. Better manage your aging assets, meet regulatory requirements, and control costs as you combine these capabilities with best-in-class scheduled and event-based maintenance functionality. Predict asset failures by analysing the real-time consumption of commodities, which often serve as leading indicators of failure.

## **Respond to pressures for better tracking, reporting and Greenhouse Gas (GHG) emissions reductions.**

Use powerful analytics to analyse both emissions and energy consumption in real time. Alert your operations team of energy waste or regulatory non-compliance. With this level of actionable information, you can turn environmental stewardship into a competitive advantage.

## **Ensure operational compliance and safety.**

Increase reliability, produce regulatory documentation, and detect early warning signs of potential compliance-related incidents with the ability to monitor, analyse and report asset conditions. Ensure compliance with regulatory, safety and operational requirements by automatically determining appropriate actions and monitoring incidence response. Efficiently maintain records by capturing all necessary information about asset performance, incidents, and responses.

## **Maximise field work productivity with EAM Digital Work.**

Put work management, inspection management and interrogation capabilities directly into the hands of your field workers using a powerful mobile platform that allows them to access, capture and manage information directly from a job site. With direct access to key information such as asset attributes and maintenance requirements, field workers can increase the quality and timeliness of activities – improving data integrity, maximizing productivity, and driving more accurate and timely decisions.

## **Organised.**

Role-based dashboards and powerful personalisation tools let you arrange graphs, key metrics, priority alerts and favourite inquiries on a single screen, giving you one place to go for all the information you need to make better decisions, faster.

### **Automate processes and streamline the decision-making process.**

Utilise your unique business data to drive decisions and remove the guesswork of manual processes with HxGN EAM Constraint Optimiser using two key capabilities: activity dispatch optimisation and asset investment planning. Activity dispatch optimisation helps you to automate the assignment of work orders and activities based on business requirements, desired outcomes, and constraints. Asset investment planning supports action planning and decision making for future periods based on planned funding, calculated risks, validated conditions and asset lifecycle sustainment tactics.

### **Manage all your assets from one system.**

Efficiently manage and use facilities and other infrastructure assets with HxGN EAM's comprehensive capabilities for workforce productivity, asset sustainability, compliance with environmental objectives and planning and budgeting. Take advantage of fleet management functionality. Manage linear assets such as pipelines and road – including the ability to use EAM information and processes directly from a geographic information system (GIS).

### **Work Smarter.**

Not only can you improve the efficiency of business processes, but you can also reinvent them. Instead of wasting time searching for information, you could be acting on it. All your employees can be productive from anywhere. HxGN EAM for Oil & Gas is built on ground-breaking technologies that deliver new levels of usability, connectivity, and insight. Based on the latest advances from both the consumer and enterprise worlds, these technologies change everything you thought you knew about business software.

### **Manage energy efficiency and environmental compliance.**

When you manage your assets by condition, you will uncover hidden cost-savings opportunities and be able to adjust maintenance and energy control strategies to reduce usage and costs. Determine asset energy usage, reliability, and efficiency with HxGN EAM's asset sustainability capabilities. Conduct in-depth benchmarking and make more informed decisions by tracking energy usage and emissions at the corporate level, down to the plant, group of assets and individual assets.

## Mobile.

HxGN EAM mobile applications put the power of your EAM solutions on your tablet or smartphone, so you can be productive anytime, from anywhere. Maintenance and asset managers can view up-to-date information where they need it the most – at the point of performance.

Assign, perform and record activities and ad-hoc work orders more efficiently. You will have a more responsive field service team that can record as they work – rather than waiting to document work after the fact – yielding better service, improved accuracy, and more efficient asset management. With EAM mobile applications, out of the office does not mean out of touch. Field service teams can also use mobile applications in a disconnected mode, synchronising data updates later once they are reconnected.

## Confident.

Alerts and pre-defined workflows deliver critical, role-based information automatically to your desktop or smartphone. Act faster with early notification of late deliveries, missed shipments and quality failures, so you can be more initiative-taking with your suppliers, customers, and production.

## Connected.

With inventory management in one system, shipment management in another and personnel records in yet a third, it can be almost impossible to get a complete picture of your business. Hexagon's integration technology simplifies connectivity between your existing applications, both Hexagon and non-Hexagon solutions. You get seamless integration and a unified user experience across all your systems.

## Resolute.

HxGN EAM for Oil & Gas provides a single, reliable source for all your reports – even when that information is drawn from multiple systems across your business. Out-of-the box, you will derive the benefits of powerful, role-based reports and industry-specific business measures derived from our 30+ years in the oil and gas industry.

## Social.

With our social collaboration capabilities, you can transform the way your company works. Imagine being able to work together on the same project or document in real time. Everyone in your organisation will be able to work in communities of shared interests, collaborate more effectively, improve processes, act faster, be more productive and get better results.

# With HxGN EAM for Oil & Gas you can:

- > Implement a more complete, initiative-taking, and responsive asset management strategy to improve asset reliability.
- > Enhance equipment up-time and energy efficiency to reduce operational expenses.
- > Improve labour productivity by as much as 20%.
- > Gain greater visibility into and control of your assets to improve safety and regulatory compliance.
- > Reduce GHG emissions.
- > Optimise work dispatching based on business drivers.
- > Make the right investments in the right assets at the right time.

**Increase your Return on Investment from your capital assets, address competitive threats and capitalise on opportunities with HxGN EAM for Oil & Gas.**



## About Touchstone

Touchstone provides enterprise class business software and IT consultancy services, focusing on asset-intensive industries. We specialise in the supply of Enterprise Asset Management, Asset Performance Management Financial ERP, and Business Intelligence solutions.

Our team leverages their combined 350 years of experience, knowledge, and skills to offer consultative and solution-driven support that helps our clients overcome many day-to-day business challenges.

We use these qualities in conjunction with highly capable and proven software from world class software authors such as Infor and Hexagon to improve efficiency, and deliver real business value for our growing client base.



## About Hexagon

Hexagon is the global leader in precision technologies at any scale. Our digital twins, robotics and AI solutions are transforming the industries that shape our reality.

**Hexagon's Asset Lifecycle Intelligence division** helps clients design, construct, and operate more profitable, safe, and sustainable industrial facilities. We empower customers to unlock data, accelerate industrial project modernization and digital maturity, increase productivity, and move the sustainability needle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,800 employees in 50 countries and net sales of approximately 5.4bn EUR.

## Let's Talk

Your organisation can define the future of power generation, transmission, and distribution with Touchstone and Hexagon.

Scan the QR code below to contact your dedicated team today to continue the conversation.

