



SMART MANUFACTURING SOLUTIONS

Real Change in Real Time



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OUR VISION



We aim to contribute to global innovation by becoming a global industry leader that specializes in implementing, supporting, and optimizing a suite of reliable and highly accessible industrial digital solutions.

OUR MISSION



Our mission is to provide a reliable, and scalable package of integrated industrial software solutions that reduces cost and improve efficiency, productivity, safety, and sustainability in the long term for industries across the globe.

In an ever-evolving industrial world, at Plant.Digital we are transforming and innovating the way in which industrial companies think, work, and operate.



We are focused on innovation and enabling the transformation of organizations by enhancing operations to improve and support people, processes, and the environment.

Our foundations are made up of the combined experience of two global entities: Aramco and Honeywell. While one offers domain expertise, pre-configured industrial digital solutions, and a proven methodology, the other brings digital technology expertise, delivery capabilities, support staff, and market access.

Honeywell and Aramco have partnered for more than 60 years to drive Saudi Arabia's industrial leadership forward through technology and innovation.

The powerful combination of Aramco's business, operations, and technology, coupled with Honeywell's proven experience in industrial software and big data analytics solutions, will unlock the potential across industries. The collaboration will help drive the national roadmap to transform the Kingdom into an industrial powerhouse and a global investment hub.



**PARTNERING
WITH YOU TO DRIVE
TRANSFORMATION**



We aim to equip industrial companies with the tools, processes and practices needed to run plant operations more effectively and accelerate sustainable digital transformation and operational excellence initiatives.

We emphasize the pre-investment consulting, project development, integration, and deployment of Operations Technology (OT) solutions to help industrial companies become more sustainable while maximizing yield, reducing downtime, improving plant productivity, and increasing profit.

Whether the operation is in petrochemicals, water desalination, mining, minerals, or F&B production, we will provide:

More rapid time to value through experienced system integration using a pre-configured, fully Integrated Manufacturing Operations Management Solution (iMOMS)

A specialized domain expertise with technology experts focused on innovation, delivery, and dedicated support regarding our digital solutions

Reduced delivery risks and proven return on investment thanks to the experience in downstream refining and petrochemical sites

A long-term, reliable partnership that supports and delivers a transformation toward operational excellence





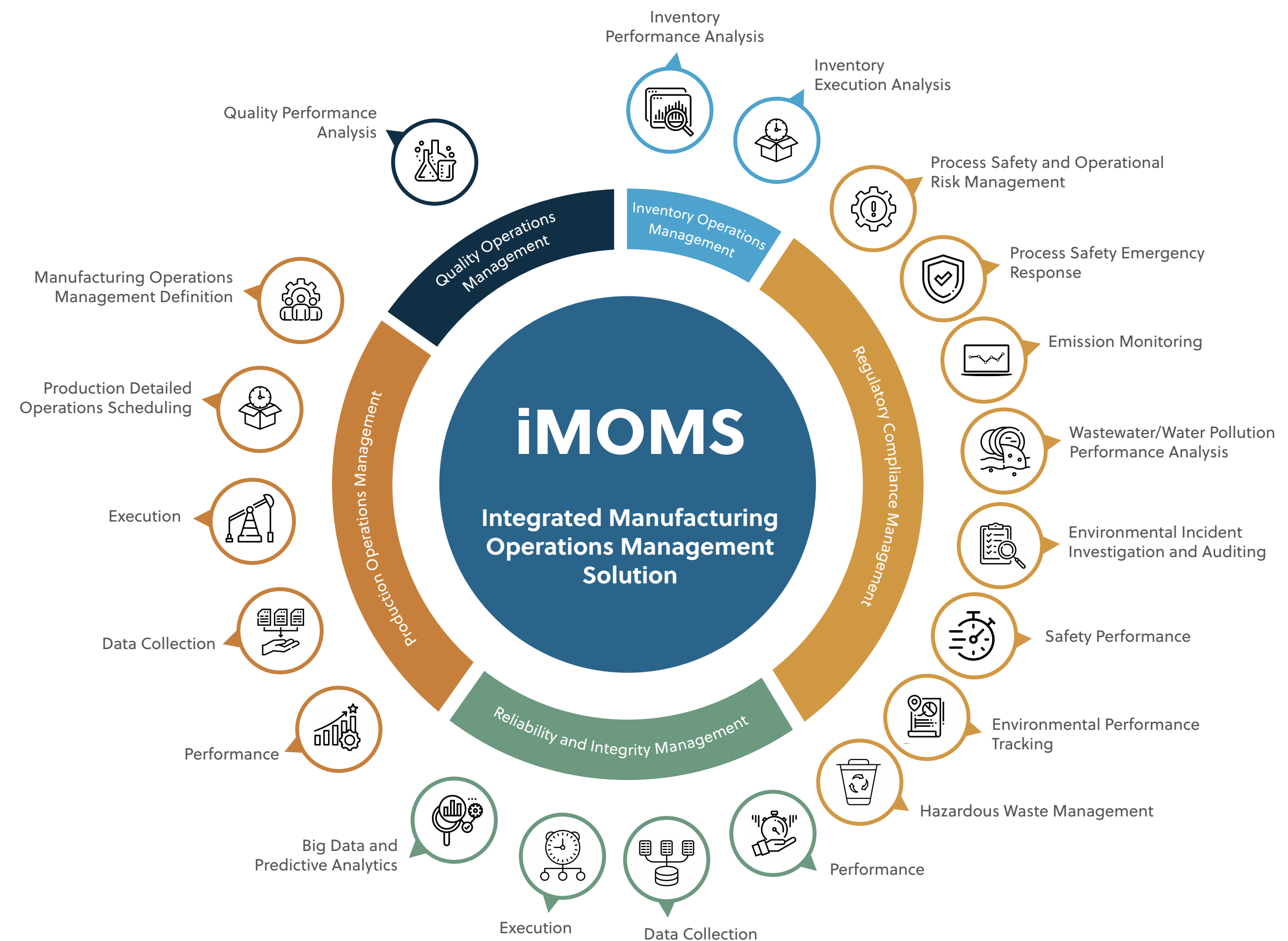
DELIVER EFFICIENCY

We transform the way industrial companies work.

Before Plant.Digital, Distributed Control Systems and Enterprise Resource Planning (ERP) ran operations within industrial companies.

The challenge with this approach is that changing any aspect of operations requires an understanding of the financial and productivity impacts which in turn requires data extraction and manual analysis that consumes time and resources.

At Plant.Digital, we offer a set of Integrated Manufacturing Operation Management Solutions (iMOMS) that connects Distributed Control Systems to the ERP to provide data in real-time which will help improve plant productivity and ultimately increase profit.





HELPING YOU INNOVATE

Innovation lives at the core of what we do, and as we build and develop solutions to help industrial companies thrive, we continue to innovate in various key areas to help you grow towards achieving your goals.

Sustainable Strategies

Optimized end-to-end processes are crucial as it enables you to define sustainability strategies and develop a roadmap towards a better future for all.

Reduced Emission and Waste

We deliver solutions that drive sustainability within the industry by reducing emissions, water usage, and waste through information visualization and real-time decision-making.

Leveraging Digital Transformation

We leverage digital solutions to enhance, transform, and improve output and processes through innovative software integration.





CASE STUDY

iMOMS & RAS TANURA REFINERY

Ras Tanura is a coastal city in Saudi Arabia's Eastern Province, serving as a major oil operations center and port for Saudi Aramco. With a crude distillation capacity of over 500,000 barrels per day, the facility's efficient management is essential for maximum productivity. However, operations were hindered by manual processes and ad-hoc systems, resulting in issues such as the lack of real-time monitoring, operational task prioritization, and accessible data.

To address these challenges, the Ras Tanura refinery began working with Plant.Digital's iMOMS system in 2019. By incorporating multiple systems, iMOMS offers integrated reliability and integrity management, regulatory compliance management, and production operations management. Through this implementation, Aramco could organize all refinery data into an integrated, real-time framework, enabling employees and applications to utilize meaningful and contextualized information.

The iMOMS system helped deliver reliable and consistent data, minimized the risk of incidents, and enabled strategic business planning, investment analysis, and inventory optimization. Ultimately, the iMOMS system allowed Aramco to enhance profitability by increasing efficiency and reducing operational costs.



THINKING AHEAD



Digitalization sits at the heart of what we do at Plant.Digital. By utilizing state-of-the-art technology and innovation, we can help industries become more streamlined and sustainable in a way that positions them ahead of the curve as they continue to achieve their own respective goals.



Sustainability starts with digitalization and at Plant.Digital, we create bespoke solutions to implement sustainability improvement projects across industrial companies that promote a reduction in emissions.



We are proudly committed to contributing to Saudi Arabia's vision by employing local, talented, and entrepreneurial Saudis, and empowering them with leadership and development opportunities to enhance their careers.



As we continue to build Plant.Digital, we are excited to grow a team that drives its success. By employing and empowering young talented men and women from across Saudi Arabia and beyond, we are creating a diverse workforce that aligns with our vision and goals to help innovate businesses and enhance their positions as key industry leaders.



Made in Saudi Arabia but with an international flavor, Plant.Digital offers flexibility and stability as well as a potential career path that could include either of the two major global organizations that are engrained in our foundations. We are a rapidly growing, agile, fast-paced company, with numerous opportunities for growth and the ability to deliver real change.



FOCUSED ON SOLUTIONS

Our product and service offering extends across multiple sectors, and through continuous improvement and enhancements we have significantly evolved the Manufacturing Operations Management (MOM) framework to include six solutions that cover:



Production
Operations
Management



Regulatory
Compliance
Management



Reliability
& Integrity
Management



Inventory
Operations
Management



Quality
Operations
Management



Decision Support
& Visualization
Management



BENEFIT TARGETS



- Productivity
- Asset utilization
- Fuel consumption



- Maintenance productivity
- Maintenance service costs
- Unplanned shutdowns



- Reduce tank inventory
- Asset lifecycle and utilization



- Improve labor productivity
- Drive continuous improvement

VALUE DRIVERS

We offer sustainable profitability and productivity improvement potential in your day-to-day operations with a compelling investment ROI.



DIGITAL TRANSFORMATION STRATEGY

KEY SUCCESS FACTORS	DESCRIPTION	OBJECTIVE
VALUE FOCUSED	Driving value from operations should ultimately help prioritize key initiatives	Ensure high ROI from digital transformation
CHANGE MANAGEMENT CONSIDERATION	The digital transformation program can only be successful and sustainable if it is embraced by all impacted stakeholders (e.g. field, planning, scheduling, and IT, etc.)	Fast ramp-up and scaling of program
IT / OT INTEGRATION & CLOUD	Move from siloed systems to holistic operating model integration (e.g. IT, OT, finance, sales & marketing, etc.) and cyber secured cloud infrastructure to reduce cost at scale	Comprehensive business/operation approach at scale
BALANCED DOMAIN & DATA ANALYTICS	Domain knowledge should complement data analytics (i.e. machine learning) to drive relevant insights	Relevant insights to operators

OUR SERVICES

We offer services that are readily available as an on-premise solution that can provide assistance in end-to-end delivery for smart manufacturing solutions:

**Engineering Design
and Consulting Services**

**System Integration
Services**

**Application Support
Services**

**Adoption Management
Services**

**iMOMS Innovation and
Development Services**

Through these solutions, we can drive real industrial change for the better, not just in terms of business and economic goals, but in global sustainability overall as well.





HOW WE CAN SUPPORT YOU

Your Business Value

Long-term reliable partner offering end-to-end lifecycle advice as well as delivery and support services that enable complex digital transformation and operational excellence

Highly specialized domain technology experts with a core focus on innovation, advisory, delivery, support of iMOMS and value creation

Increased time to value through a pre-configured and fully integrated solution based on state-of-the-art digital technologies

Reduced delivery and support risks through operational installations with proven value returns from Saudi Aramco refineries and petrochemical sites

Headquartered in Saudi Arabia resulting in increased localization and the added ability to serve domestic and international customers





WE WANT TO HEAR FROM YOU

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