



Oil & Gas Digital Transformation Conference and Exhibition 2025

Oct 01-02, 2025 | 12400 Greenspoint Dr | Houston, TX, USA 77060

Unleashing the power of digital transformation



Our current sponsors:

OnePlan

M-Files

HighByte



ss&c | Blue Prism



Day 1
Wednesday, Oct 01, 2025

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30

Registration & Refreshment Networking

09:00

Laying the Groundwork: Why AI and Digital Transformation Depend on a Strong Industrial Data Foundation

- Explore how Oil & Gas companies can assess and close industrial data gaps that slow AI and digital transformation efforts.
- Understand strategies for building a contextualized, real-time data infrastructure that bridges OT and IT systems.
- Understand the key components of an Industrial Data Strategy.
- Learn how Oil & Gas leaders are building an enterprise data architecture and leveraging AI.
- See how Industrial DataOps technology enables faster, more scalable deployments of AI, analytics, and automation across the enterprise.

John Harrington
Chief Product Officer, **Highbyte**

09:30

Shaping Digital Strategy in the Age of GenAI, Unlocking New Pathways for Operators to Innovate, Scale, and Transform Their Organizations

- Digital transformation is no longer optional. Market pressures, workforce changes, and fast-moving technology mean digital agility is now the edge that helps operators stay competitive.
- GenAI is becoming a true growth driver. Companies are moving beyond pilots, growing budgets, and using AI agents to streamline workflows, speed up decisions, and unlock real operational value.
- Winning with digital takes more than tools. It requires leadership support, cross-team alignment, and effective governance to scale experiments into lasting enterprise impact.

Sami Sultan
Research Director, **Darcy Partners**

10:00

Maximizing Gas Efficiency and Sustainability Through SMART: A Digital Approach to Demand Forecasting and Supply Optimization

- Leveraging the SMART tool for real-time demand forecasting and optimized supply planning
- Enhancing gas allocation to national power generation during peak consumption periods
- Utilizing digital analytics to schedule outages and maintain pipeline inventory health
- Reducing crude burn and CO₂ emissions through maximized natural gas production

Nasser Busbait
SR ENGINEER, **Aramco**

10:30

Discover how Chevron's Wells Digital Platform tackled fragmented planning and visibility gaps by adopting OnePlan, enabling clear prioritization, real-time progress tracking, and stronger governance to align strategy with execution.

- Oil and gas organizations face mounting pressure to deliver value faster while managing finite capacity. Fragmented planning tools, inconsistent intake processes, and limited transparency often hinder strategic alignment and execution
- This session explores how Chevron's Wells Digital Platform addressed these challenges by adopting OnePlan as its portfolio management backbone
- Learn how the approach enabled clear prioritization, real-time visibility, and stronger governance—reducing manual effort, linking strategy to execution, and setting the stage for outcome-based investment decisions.

Thitisak Mo Kittipeerapat
Product Owner, Intake and Innovation, **Chevron**

Brought to you by

11:00

Redefining the Audit: A Digital Blueprint for Hydrocarbon Measurement, Governance, and Compliance

- In an era where digital transformation is often more buzz than breakthrough, how do you turn fragmented field real-time data into regulatory trust, financial clarity, operational control, and financial clarity?
- Dr. Daere Akobo, CEO of AKD Digital Solutions, presents a compelling case study on Measurement di²to², the first end-to-end digital audit and hydrocarbon measurement platform for the upstream oil and gas sector.
- The session will explore how digital twins, AI-enabled analytics, GIS-powered asset mapping, and closed-loop governance are reshaping and redefining regulatory and commercial engagements at a national scale.
- Whether you're managing field assets, reconciling volumes data across a fragmented ecosystem, or accountable for revenue assurance, di²to² shows how to build a future-ready, digitally governed operation that moves beyond compliance and toward precision and performance to deliver measurable precision, trust, and performance.

Dr. Daere Akobo
Chairman/GCEO, **PANA Holdings**

11:30

The Uncomfortable Truths of Inefficiency and How to Optimize Enterprise-wide Productivity and Compliance through Content Management

- Recognize everyday efficiency zappers and learn how to increase the productivity of your workers 50-70% by leveraging GenAI to automate the organization and governance of information throughout your organization.
- Discover how a multinational Oil & Gas company overcame risk and compliance challenges in both HR and complex capital projects with a single information management system, now adopted by thousands of employees.
- Be one of the first to see a new and innovative approach to managing business-critical content, Oil & Gas industry-specific processes and workflows natively in Microsoft 365

Daneen Storc
Senior Growth Marketing Manager- Americas, **M-files**

LUNCH AND NETWORKING BREAK 12:00 [1 Hour]

13:00

Accelerating operational readiness through data-centric operations across asset lifecycle

- Enhance your operational readiness by leveraging data centric strategies across the asset lifecycle, utilizing data platforms, generative AI and digital twin technologies

Shirley Ike
Global Director of Data Management, **WoodPLC**

13:30

Unifying Siloed Systems to Create a Single Source of Truth

- Break Down Barriers: Identify and integrate disconnected systems across departments to eliminate duplication and data confusion.
- Define Shared KPIs: Align teams around standardized definitions for key metrics to ensure consistent reporting and performance measurement.
- Centralize with Care: Use data lakes, warehouses, or integration tools to build a reliable foundation—without forcing a one-size-fits-all platform.
- Govern Access and Ownership: Establish clear roles, data stewardship, and access policies so the right people have the right data at the right time.
- Enable Decision-Making at Every Level: Deliver clean, trusted, and actionable insights to executives, field teams, and analysts—reducing delays and driving better outcomes.

Rodney Spears
President/CEO, **Spears Consulting Group**

14:00

Available Session

NETWORKING BREAK 14:30 [30 min]

15:00

From Tribal Knowledge to Trusted AI Knowledge Base

- The challenge: Energy operators depend on hundreds of legacy apps that are difficult to maintain and risky to change.
- The business impact: Delays in modernization stall innovation, increase attrition risk, and slow delivery of new business capabilities.
- The opportunity: AI-driven knowledge bases de-risk legacy portfolios, shorten engineer ramp-up, and free teams to build the products the business needs.

Sharad Agrawal
Co-Founder and Chief Operating Officer (COO), **Adapts**

15:30

Unlocking the Digital Future: Converging People, Culture, and AI

- Explore how people, culture, and AI converge to drive adoption, safety, and ROI, with real-world examples of change readiness and workforce resilience.
- Technology alone doesn't guarantee digital success.
- Explores how people, culture, and AI must converge to drive adoption, safety, and ROI.
- Showcase examples of change readiness and workforce transformation.
- Provides actionable insights for building a resilient digital workforce and ensuring sustainable business value.

Shamoun Maayr
Managing Director, **Digineox**

Jaimy Mathew
Senior Manager, **Digineox**

END OF DAY 1

Day 2
Thursday, Oct 02, 2025

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30

Registration & Refreshment Networking



09:00

Bringing AI Automation into Process Safety

- Isolating assets within scan models, including all lines and components
- Automatically tagging assets and line components
- Linking each asset to hundreds of existing P&IDs and related documentation
- Making PSM and asset data virtual, visible, and easy to access
- Enabling applications within the model that improve safety, efficiency, and overall operations



John Fish
Digital Asset Program Lead, **IMS Digital Technology Solutions**



09:30

Understanding the Automation Continuum in Energy

- Who is SS&C Blue Prism?
- What we've learned as customer zero
- Why do AI Automations fail?
- What is the Agentic journey?
- What is means to use the right tool for the right job



Kevin Wilson
Principal Solutions Engineer, **SS&C Blue Prism**



10:00

Innovative Approaches to Accelerated Facility Commissioning: A Strategy Framework for Speed, Precision, and Digital Excellence

- Overview of the proposed holistic approach to accelerating commissioning
- Emerging technologies: AI, machine learning, and their potential in commissioning
- Application of the framework and results



Alsulmi Mohammed Othman
Process Engineer, **Aramco**



Suhaib Alsaikhan
Instrument and Process Control Engineer, **Aramco**



10:30

PlantOS: A One-Stop, Data-Centric, and Comprehensive Solution for Oil & Gas O&M

- As an EPC contractor, we have always acted as neutral integrators, combining diverse technologies and vendors to deliver complex physical plants. Extending this expertise into the digital domain, we developed plantOS — a one-stop, data-centric, and comprehensive solution for oil and gas digital transformation. plantOS integrates process knowledge, AI, IoT, and Digital Twin technologies to enable truly data-driven O&M activities, improving decision-making, predictive maintenance, and plant reliability.
- Uniquely, we curate best-of-breed, cutting-edge technologies from around the world and integrate them under a unified framework, ensuring flexibility and alignment with each client's needs. This curated, vendor-independent approach empowers operators to take advantage of the latest innovations while maintaining long-term adaptability.
- The presentation will highlight real-world cases where plantOS delivered actionable insights, enhanced asset integrity, and sustainable performance — bridging the physical and digital worlds to achieve operational excellence.



Toru Yoneyama
Associate Fellow – Industrial DX and Head of Overseas Projects, **Chiyoda Corporation**



11:00

New Language, New Era in Shipbuilding

- Traditionally, 2D drawings have been the primary means of communication throughout the shipbuilding lifecycle.
- However, the industry is shifting toward a "Single Source of Truth" approach, where 3D models are becoming the central medium of communication.
- Government-led initiatives are also promoting the use of 3D models to enhance collaboration between shipyards and partner companies.
- This presentation highlights how the "language" of shipbuilding is evolving from 2D drawings to 3D models..



Jin-Hyung Park
Principal Researcher, **Research Institute of Medium & Small Shipbuilding**



11:30

Bridging the Tech Gap: How Oil & Gas Leaders Can Modernize Without Overwhelm by Aligning Story, Strategy, and Systems for Sustainable Digital Transformation

- Discover a practical framework for identifying which technologies and processes truly matter, so leaders can prioritize investments with clarity and confidence.
- Learn how to align leadership, strategy, and IT systems to prevent overwhelm and keep digital transformation efforts on track.
- Explore strategies to recognize and resolve tech debt without losing momentum or straining organizational resources.
- Gain actionable tools to streamline operations, strengthen leadership alignment, and modernize while maintaining focus on core business priorities.



Dusty Gulleeson
CEO, **eResources**



12:00

Digital ROI Blueprint: Prioritize and Deliver Business Value

- A practical framework with live ROI examples to prioritize digital initiatives and focus on projects that deliver EBITDA and cash flow.
- Most digital projects overpromise and underdeliver.
- Introduces a practical ROI Blueprint to evaluate and prioritize initiatives.
- Showcase real-world examples of ROI calculations and success assessments.
- Helps leaders focus on projects that drive EBITDA, cash flow, and real business value.



Shamoun Maayr
Managing Director, **Digineox**



Salman Khan
Managing Director, **Digineox**



LUNCH AND NETWORKING BREAK

12:30 [1 Hour]

13:30

Smart Moves to Modern Manufacturing

- In this session, we'll explore the Smart Industry Readiness Index (SIRI) methodology—a globally recognized framework developed to help manufacturers assess and accelerate their digital transformation journey.
- We'll begin by unpacking the three core building blocks of SIRI: Process, Technology, and Organization, followed by a walkthrough of the assessment matrix and prioritization tools used to identify high-impact areas.
- Real-world examples from Yokogawa's global engagements will illustrate how SIRI enables companies to benchmark maturity, align transformation goals with ROI, and build actionable roadmaps



Karthik Gopalakrishnan
Technical Consultant, **Yokogawa**



14:00

Cost-Effectively Optimizing Deviated Well Production

- Advanced Solution for Rod Lift in Deviated Wells – A validated automation algorithm built for deviated and horizontal wells, bridging the gap between modern drilling practices and outdated optimization models to improve rod lift efficiency.
- Operational Impact – Enhances pump fillage accuracy, diagnostic reliability, and operational decisions, helping operators reduce downtime and optimize production performance in complex well geometries where legacy algorithms fall short.
- Cost & Efficiency Benefits – Extends rod string life, reduces failure rates, and minimizes costly workover rig interventions (averaging \$160,000 per cycle), driving significant cost savings and better well economics
- Future Benchmark – Establishes a new performance standard for artificial lift by combining validated data-driven insights with automation, reducing over-engineering while optimizing reliability and lowering operating costs in deviated wells



Peter Westerkamp
V.P. Global Sales, Automation, **Lufkin Industries**



Tom Mills
Project Manager, **Lufkin Industries**



14:30

Industry 4.0: A Tesla Initiative

- Real-time monitoring in upstream, mid stream & downstream
- predictive maintenance of infrastructure and assets.
- advanced data analytics for more precise exploration and reservoir management.



Saeed Mehmood
Program Manager - Commissioning and Quality, **Tesla**



15:00

Smart Digital Hospitality: Redefining Workforce Wellbeing and Productivity in Oil & Gas

- Hospitality as Workforce – Strategy – It is beyond rooms and meals – To position hospitality as a driver of safety, morale, and employee retention.
- Smart Workforce Villages – Using IoT, AI, and automation to transform worker accommodations into digital-first hospitality hubs (energy-efficient housing, wellness facilities, entertainment, communication with families).
- Personalized Workforce Experience – Leveraging data (health, food preferences, shift patterns) to tailor services, improving wellbeing and efficiency.
- ESG Link – Sustainable accommodations (green buildings, renewable energy use, optimized logistics) contributing to net-zero targets.
- Cross-Industry Benchmarking – Draw parallels with cruise lines, aviation, and hospitality industries to show how oil & gas can adopt proven hospitality models to elevate worker experience.



Remasankar Sivasankaran Nair
Vice President of Energy & Resources Logistics, **IBS Software**

