North American O&G Transition Summit 2026

Oct 29-30, 2026 | 2712 Southwest Freeway | Houston, TX, USA 77098

Transforming North America's Oil & Gas Landscape with Decarbonization and Digital Intelligence

3 ways to register

www.ptnevents.com/conferences/north-american-transition

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OFFICIAL AGENDA

Agenda as of 14 Oct, 2026 and subject to change.
Event will take place in Houston, TX, USA (GMT-5) time zone.

Day 1
Thursday, Oct 29, 2026

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30

Registration & Refreshment Networking

09:00

Booked for Zoho

09:30

Reconnecting AI to Reality: How Process Analyzers Enable the Intelligent, Flexible and Low-Carbon Refinery

- Real-Time Measurement as the Foundation for Trustworthy Industrial AI – Continuous process analyser data provides AI with verified, real-time information about actual process conditions and product quality. This helps reduce model drift, constrain AI recommendations within observed operating boundaries and maintain reliable performance as crude composition and operating conditions change.
- Closing the Loop Between AI Optimisation and the Physical Process – Combining high-quality analyser measurements with digital twins, predictive models and deep reinforcement learning (DRL) enables optimisation strategies to continuously adapt to changing plant conditions. This creates a more responsive approach than optimisation based primarily on historical data or static models.
- Turning AI Predictions into Measurable Operational Results – Connecting AI recommendations directly to measured hydrocarbon composition and product quality makes optimisation explainable, auditable and operationally relevant. This can help refineries improve energy efficiency, product consistency and operating flexibility while reducing emissions and supporting the transition towards lower-carbon refining.

Gregory Shahnovsky
President & CEO,
Modcon Systems Ltd

10:00

They Didn't Hack In, They Logged In: BeyondTrust on Closing the Identity and Privilege Gaps in OT

- The most consequential OT incidents of the last few years didn't start with an exotic zero-day; they started with access that was already there.
- This session walks a real, phase-by-phase attack chain from 2026, including a coordinated strike on U.S. critical infrastructure and a very different AI-driven failure from the same month that shares the exact same root cause.
- Walk away with five control categories that would have stopped both, no new technology required.
- The hard part was never finding the problem. It's what you do next.

Christopher Hills
Chief Security Strategist,
BeyondTrust

10:30

Turning Data to Action: Converting SCADA Signals Into Automatically Dispatched, Verified, Auto-Approved Field Work

- The Opportunity: SCADA tells you the tank is filling. It doesn't dispatch the truck, verify the load, or approve the ticket. That gap is where the cost sits.
- How It Works: Predictive, automated job creation and dispatch from SCADA readings, multi-point validation against GPS and metered volumes, and automated ticket approval into accounting systems.
- The Results: How we save >15% on hauling costs, learnings from multiple field deployments, and what does the future look like for automated SCADA workflows?

Merina Leong
Product Manager, Automations,
Ironsight

11:00

The Prediction Layer: Why the Future of BI Is Not a Better Dashboard Session

- Moving from descriptive analytics to predictive and prescriptive operational intelligence.
- Embedding AI-driven forecasting into existing BI and operational systems without replacing legacy infrastructure.
- Using predictive intelligence to anticipate equipment failures, supply chain disruptions, and capital allocation risks.
- Designing decision workflows that deliver the right insights to the right leaders in real time.
- Measuring the impact of AI through faster decisions, improved operational performance, and reduced downtime.

Yatharth Sejpal
Founder,
KNOWIDEA

11:30

A practical path to safer, more resilient, data-driven operations using edge computing, sovereign AI, and a proven cloud partner.

- Using edge computing and sovereign AI to strengthen safety, resilience, and operational efficiency.
- Aligning digital technologies with existing processes and organizational culture.
- Applying a connect, compute, protect, and learn approach to unlock real-time operational insights.
- Improving decision-making through integrated, secure, and data-driven operations.
- Building scalable digital operations through proven cloud capabilities and predictable economics.

Bruce Billingham
President,
Micro Support Group

LUNCH NETWORKING BREAK 12:00 (1 Hour)

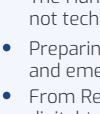
13:00

Session Booked for BakerHughs

13:30

Industrial AI Without Accountability: Why AI Initiatives Fail to Scale and How Energy Leaders Can Turn Innovation Into Impact

- The energy industry is rapidly investing in AI, automation, and advanced analytics, but many organizations are discovering that successful transformation requires more than deploying new technology. Without clear ownership, governance, operational alignment, and measurable business outcomes, AI initiatives often remain disconnected pilots rather than enterprise-wide drivers of performance.
- Drawing from more than 30 years of leadership experience across energy, technology, and enterprise transformation, including global leadership roles at Halliburton Landmark Services, Steve Senterfit explores why industrial AI efforts stall and what leaders can do differently. This session will examine how oil and gas organizations can create accountability frameworks that connect AI investments to operational priorities, workforce adoption, and measurable value creation.
- Why AI initiatives fail when accountability and ownership are unclear



Steve Senterfit
President,
Smartbridge

14:00

AI PEOPLE Transformation, Building the Human Operating System for Intelligent Energy

- The Human Side of AI Adoption: Why successful AI and digital transformation depend on leadership, trust, culture, and workforce readiness, not technology alone.
- Preparing the Workforce for Intelligent Operations: How organizations can reskill and upskill employees to work effectively alongside AI, automation, and emerging technologies.
- From Resistance to Readiness: The critical role of Organizational Change Management in accelerating adoption and reducing resistance to digital transformation.
- From Industry 4.0 to Industry 5.0: Why the future of Oil & Gas must balance advanced technology with human-centric leadership, collaboration, and sustainable workforce development.

Sonia Clayton
President & CEO,
Virtual Intelligence Providers

NETWORKING BREAK 14:30 (30 min)

15:00

From Prompt to Plant: Leveraging AI and Automation to Accelerate Process Design, Reduce Engineering Bottlenecks, and Unlock Millions in Industrial Optimization

- How AI-powered engineering tools can reduce early-stage process design time from weeks to minutes while improving consistency, collaboration, and iteration speed across multidisciplinary teams.
- Why even a 1–2% missed optimization in production, energy efficiency, or emissions can cost industrial plants millions annually—and how automation helps capture that value.
- A practical roadmap for integrating AI-driven digital workflows into existing oil & gas and industrial environments without disrupting legacy systems like Aspen, DWSIM, or traditional engineering tools.

Miras Muratov
Founder & CEO,
ScaleApp

15:30

From Connected Assets to Decision Systems: AI, IoT and the Economics of Industrial Digitalization

- Transitioning from connected assets and IoT deployments to enterprise-wide decision systems.
- Building scalable edge-to-cloud architectures for reliable industrial AI and automation.
- Integrating AI, IoT, digital twins, and operational data into resilient digital operating models.
- Strengthening governance, cybersecurity, and data reliability for production-scale digitalization.
- Measuring the economic value of industrial AI through improved efficiency, reliability, and operational performance.

Bajric Sanel
Founder and CEO,
VendoQ

END OF DAY 1

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Day 2
Friday, Oct 30, 2026

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07:30

Registration & Refreshment Networking

09:00

Available Session

09:30

Digitalizing Capital Project Management Applying Digital Transformation to the YASREF+ Giga Growth Project

- Transforming capital project management through an integrated digital operating model
- Leveraging workflow automation, dashboards, and risk analytics to improve project readiness
- Strengthening governance, accountability, and cross-functional collaboration across complex programs
- Enhancing decision-making through real-time project visibility and structured data
- Lessons learned from implementing digital transformation on the YASREF+ Giga Growth Project

Abdulrahman Hussien
Head of Digital Transformation,
YASREF

10:00

Rethinking Data Movement in Oil & Gas

- AI's appetite for data is widening the attack surface
- Zero Trust in OT means minimizing inbound connectivity
- Security enables transformation

Daniel Bartucci
Strategy , Critical Infrastructure,
Owl Cyber Defense

10:30

Session Booked for Ascent Energy

11:00

Available Session

11:30

Session Title: Confirmation in Progress

- Session details along with key topics will be updated soon
- Title-2

Dr. Jagadish Chandra Maddiboyina
North America Oil and Gas Consulting Lead,
Cognizant Technology Solutions

NETWORKING BREAK 12:00 (1 Hour)

13:00

Accelerating Industrial Decarbonization: How TotalEnergies CO2 Techno Hub bridges innovation Ecosystems, Startups and Industrial Deployment

- Key takeaway to be added.

Dr. Frank DESPINOIS
Innovation Ecosystems Scouting Lead,
TotalEnergies OneTech - CO_2 Techno Hub

13:30

Business Transformation for Large Corporations – Where Testing Connects

- Testing as a Strategic Enabler
- Ensuring End-to-End Process Integrity
- Data Quality & Migration Readiness
- Connecting People, Process, and Technology

Rafael Paura
Portoflio Manager,
ExxonMobil

14:00

Panel Discussion

Amol Bhatnagar
Director Insights and Data,
Capgemini

Steven Stein
Senior Consultant - AI,
CGI

Steve Senterfit
President,
Smartbridge

Rajesh Yadav
Associate Director - Data Engineering,
ValueMomentum

Marty Martin
Sr. Automation Manager,
Audubon

NETWORKING BREAK 14:30 (30 min)

15:00

Leveraging Digitalization for Operational Excellence

Ajith Murthy
Operational Excellence leader & Advisor,
Shell

15:30

Enterprise AI Framework: From Rapid Innovation to Secure, Observable, and Scalable Enterprise Capability

- Examine the challenges created by rapid AI innovation, production scaling gaps, and the absence of an enterprise-ready framework for consistent deployment.
- Introduce three foundational pillars: Innovation-to-Readiness, Secure-by-Default, and Observable Systems, providing a foundation for repeatable enterprise AI success.
- Explore how the framework enables faster adoption, stronger security, operational visibility, and scalable AI delivery across the enterprise.

Omar Omar
Senior Advisor in AI Engineering,
Phillips 66

16:00

Insight Isn't Enough: Engineering Trust in the Age of AI Analytics

- Building trusted AI analytics systems through strong data quality and governance foundations.
- Ensuring explainability, lineage, and validation across AI-driven operational decisions.
- Integrating human oversight into AI and automation workflows for decision confidence.
- Scaling AI from experimentation to reliable, decision-ready production systems.
- Delivering measurable business outcomes through transparent and accountable AI adoption in asset-intensive industries.

Pratik Mahajan
Sr. Data Anyalist,
JP Morgan

END OF DAY 2