



BIG DATA & IoT

in Oil & GAS CANADA



FEBRUARY 14-15, 2017
CALGARY, ALBERTA, CANADA

Against the backdrop of commodity price volatility, oil and gas companies have been tasked with reducing costs and improving operational efficiency at the same time. But maintaining productivity volumes while ensuring the highest levels of safety introduces multiple challenges at a strategic and implementation level.

Which is where the Internet of Things (IoT) has emerged as an opportunity to operational approaches – lowering cost by integrating real-time technology. It's estimated that if the oil and gas industry globally embraced IoT technology, \$5 trillion could be saved – that's 0.5% of global GDP.

Traditionally, adopting technology was a major capital expenditure (CAPEX), but technology companies have identified IoT as a service model. As a result, IoT has become a flexible, affordable operational expenditure (OPEX) solution for oil and gas operators and contractors.

This conference will feature in-depth case studies and expert presentations from leading operators and technology solution providers on how to take advantage of IoT technology to reduce OPEX, improve throughput productivity, and yield higher returns on investment.

Key themes

- Translating big data into actionable insights to improve operational efficiency
- Making data readily available to engineers in unified, workable formats
- Anticipating and preventing equipment failure and significantly reducing downtime
- Reducing non-productive time (NPT) and increasing efficiency recovery from shutdowns
- Improving interoperability between systems across the value chain
- Deploying smart field capabilities to align data collation, communication and operational processes
- Using Cloud technology to enable model based analytics and optimize upstream oil and gas assets

Who should attend?

C-suite, managers, directors, project leaders of:

- Technology
- Production
- IT
- Asset Maintenance and Reliability
- Business Intelligence and Analytics
- Other specialists related to IoT capabilities

Why should you attend?

- Dynamic and in-depth case studies that will demonstrate how you can adopt and integrate IoT technology to reduce operating costs and improve efficiency
- More than 25 leaders in the field will share their insights and take you through their operational frameworks
- You can network with peers, exchange ideas and learn from each other's experiences in the application of IoT technology

Early Speakers include:

KEVIN KRAUSERT - President, Beaver Drilling

CHARLES IGGULDEN - President, Infinity Energy

IAN BROWN - Senior Manager, Baker Hughes

KENT SMITH - Director, Innovation & Technology, Tundra Oil & Gas

IAN MACGREGOR - Chairman and CEO, NW Refining Inc.

DAVE LAFFERTY - President, Scientific Technical Services

DR. STEVE LIANG - Associate Professor, University of Calgary



Did you know?

The 2016 event featured 12 sponsors and over 100 attendees!

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