Blockchain In Oil and Gas: The Flywheel Turns

20th August, 2018
Putting blockchain in context

<table>
<thead>
<tr>
<th>People + Change Management</th>
</tr>
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<tbody>
<tr>
<td>Agile + User Experience</td>
</tr>
</tbody>
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- Internet of Things
- Artificial Intelligence
- Robots

- Cloud Computing
- Blockchain
- ERP
Blockchain works well in supply chains
The early adopters

Governments

Blockchain Research

Finance

Healthcare

Retail

Utilities

Energy

Oil and Gas

Consulting Firms

Deloitte

Accenture

McKinsey

Advisian

PwC
Industries have failed to adapt, or couldn’t adapt fast enough.

1. Taxi Industry
2. Retail Industry
3. Music Distribution
4. Movie Rentals
5. Newspapers and Traditional Media
6. Energy Utilities

1. Uber and Rideshare
2. Amazon and Ebay
3. Spotify and YouTube
4. Netflix and Amazon
5. Online News and Social Media
6. GE Energy and Tesla’s Batteries
Cost reduction achieved by the network effect

When you expand the network, it generates more value

- More data allows for better analytics
- Improves security through distribution
- Additional nodes share data
- Can check across nodes
- Lack of Data/functionality
- Starting point

Sixteen Nodes
Eight Nodes
Two Nodes
One Node

Confidential
The Oil and Gas Industry Blockchain pioneers

EWF
The EWF is a blockchain consortium with investments from Shell, BP, TEPCO, and others

Petrobloq
First supply-chain management platform for Oil and Gas SOCAR, PEMEZ and Petroteq

Maritime Blockchain Labs
A shipping Blockchain consortium, including Lloyd’s Register, Precious Shipping, Bostomar, BIMCO, IBIA and Good Fuels

GuildOne
- Processes royalties with Blockchain

Quisitive
- Blockchain-Enabled Pipeline
- Combines Blockchain with IoT

Ondilfo
- Applies Blockchain to Cash-Orders
- Based on Ethereum Infrastructure
How I can help you get started on your Blockchain journey

- Blockchain 101 training
- Management briefings
- Digital strategy reviews
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