Harnessing Value from the Open Source OSDU Platform
By Data Visualization and Analysis
Introduction

• What is the Open Group?
• What is OSDU?
• Why are they important?
• DGI’s involvement
• Use of CoViz 4D to harness value
• Conclusion
What is the Open Group?

- The Open Group is a global consortium
- Enables the achievement of business objectives through technology standards.
- Diverse membership of more than 900 organizations includes customers, systems and solutions suppliers, tool vendors, integrators, academics, and consultants across multiple industries.
- Vision - Drive the creation of Boundaryless Information Flow™ through global interoperability in a secure, reliable, and timely manner.
What is the OSDU?

- The Open Group OSDU Forum aims to deliver an Open Source, standards-based, technology-agnostic data platform for the energy industry
- Objectives
  - To make use of data – Traditionally 90% tied to applications
  - Use interoperability to remove data silos
  - Accelerate deployment of emerging digital solutions
  - Create an open, standards based ecosystem
  - To generate value
What is the OSDU?

The Scope of the Forum is to deliver:

• A Scalable Data Platform and related (common) services
• Enable the OSDU platform in any technical setting: Cloud; On Premise and Edge
• One set of APIs and therefore providing stable Platform services to applications being developed on top
• A broad set of OSDU services to enable utilization for a wider group of energy companies
• Services using the latest developments to improve and monitor data quality
Why are they important?

• Enable sharing of data across business workflows and applications
• No requirement for moving or copying data
• Simplification of data governance
• Enable capture of metadata and provide consistency across the entire value chain
• Potential to increase innovation and deployment of new technologies
• Highlights value of collaboration and interoperability
• Profitability
Dynamic Graphics Involvement

• Participation since the inception of OSDU
• Data consumption, visualization and analysis are key DGI tenets
• Desire and requirement to be part of the process
• Long term involvement with collaborative initiatives
• If it’s important to our clients, it’s important to us
CoViz 4D

- Import from Multiple Clouds
- Import from Multiple DDMS
- Import 2D/3D/4D Data
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• OSDU has noble and worthwhile objectives
• All Energy Companies are now moving towards the platform at varying speeds but the consensus is they are “all in” “No plan B”
• But...
  • Not a silver bullet; will take time, money, dedication and maintenance
  • Concerns about requirement for compliance with OSDU amidst the accompanying costs, different implementations and access to Data
• Need for commitment from Operators
• Need applications eg CoViz 4D to interact with and harness the value of data