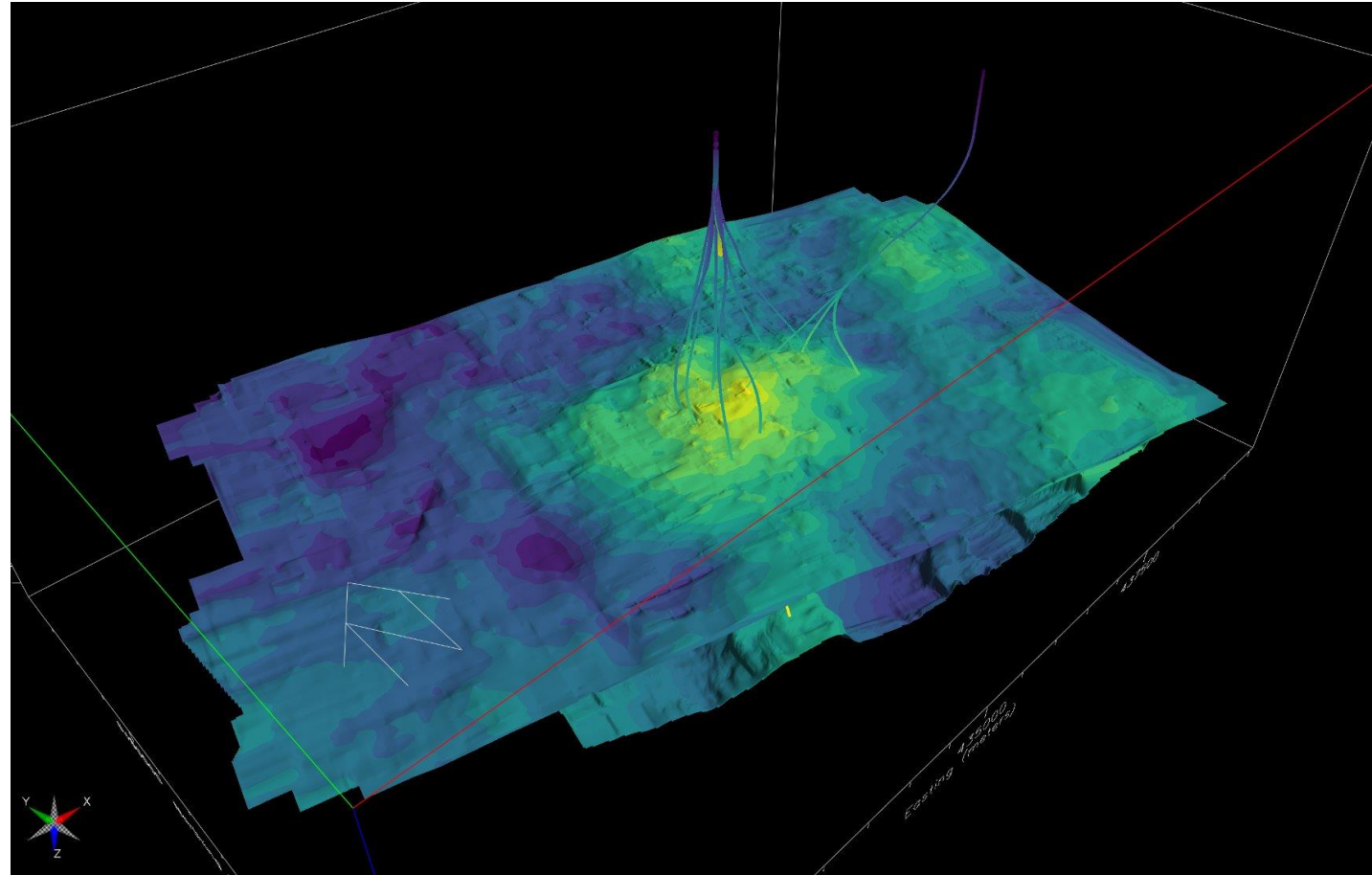


# Harnessing Value from the Open Source OSDU Platform By Data Visualization and Analysis



# Harnessing Value from the Open Group 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?



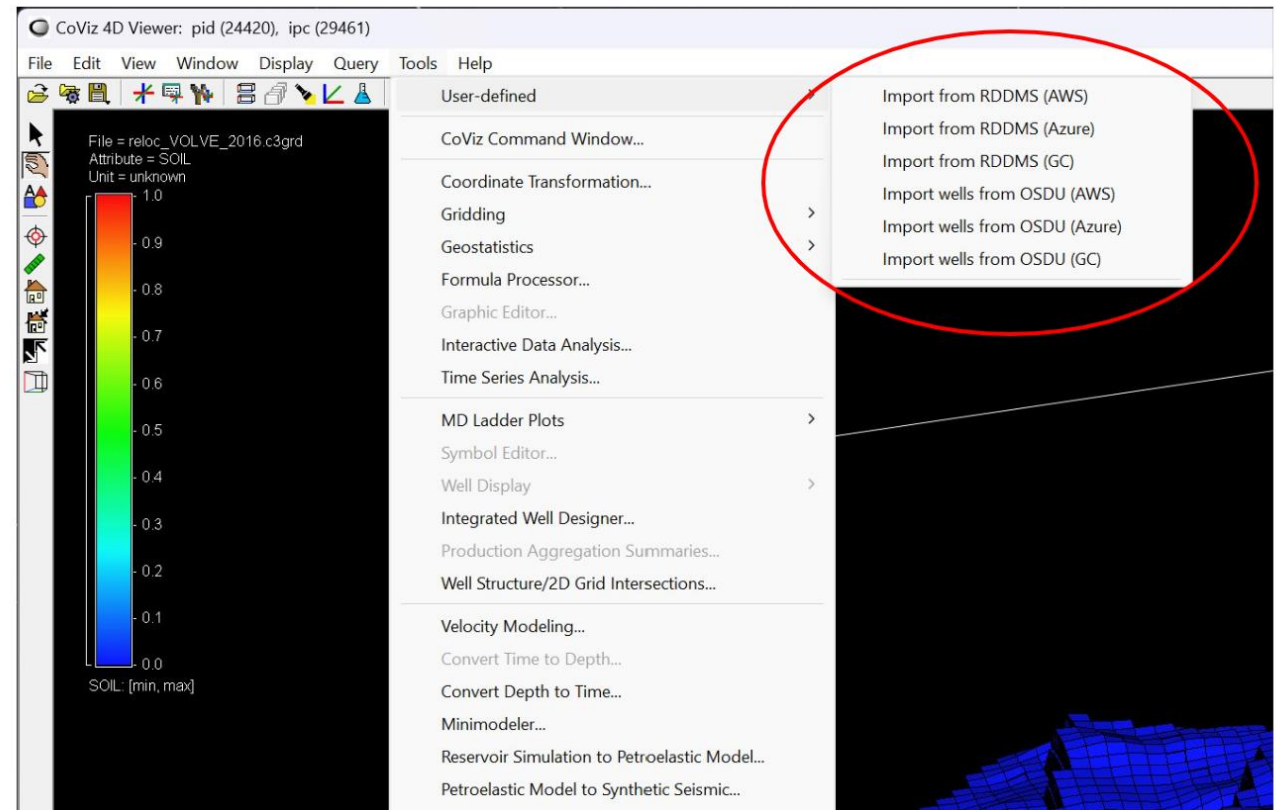
- Enable sharing of data across business workflows and applications
- No requirement for moving or copying data
- Simplification of data governance
- Enable capture of metadata and provide consistency across the entire value chain
- Potential to increase innovation and deployment of new technologies
- 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

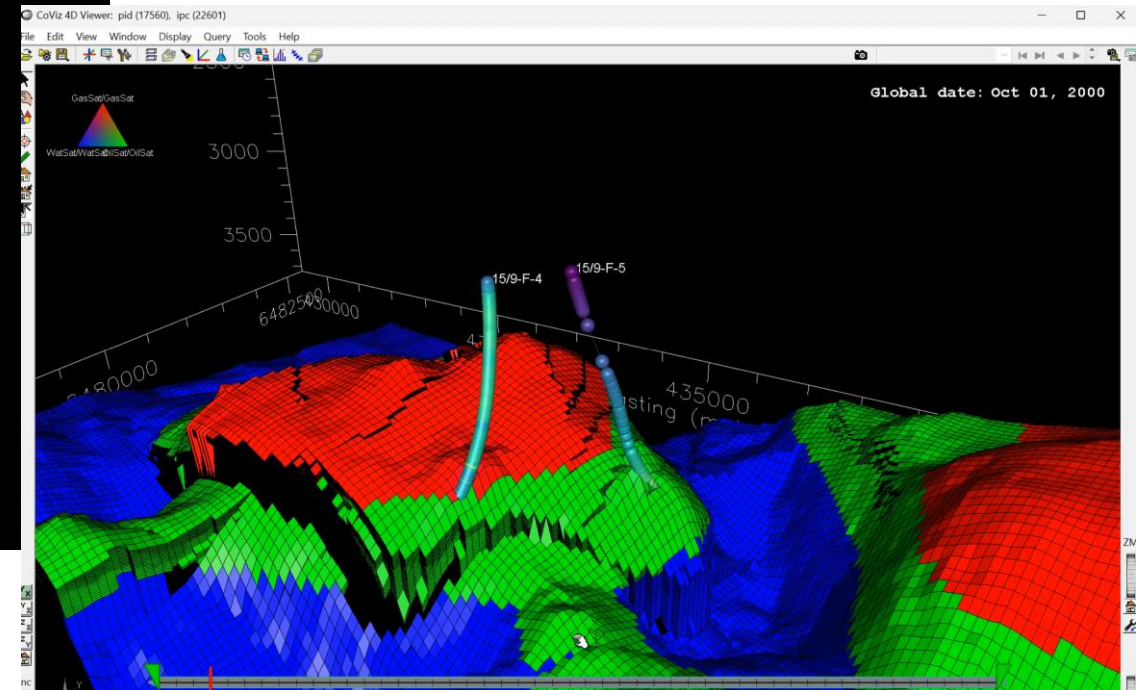
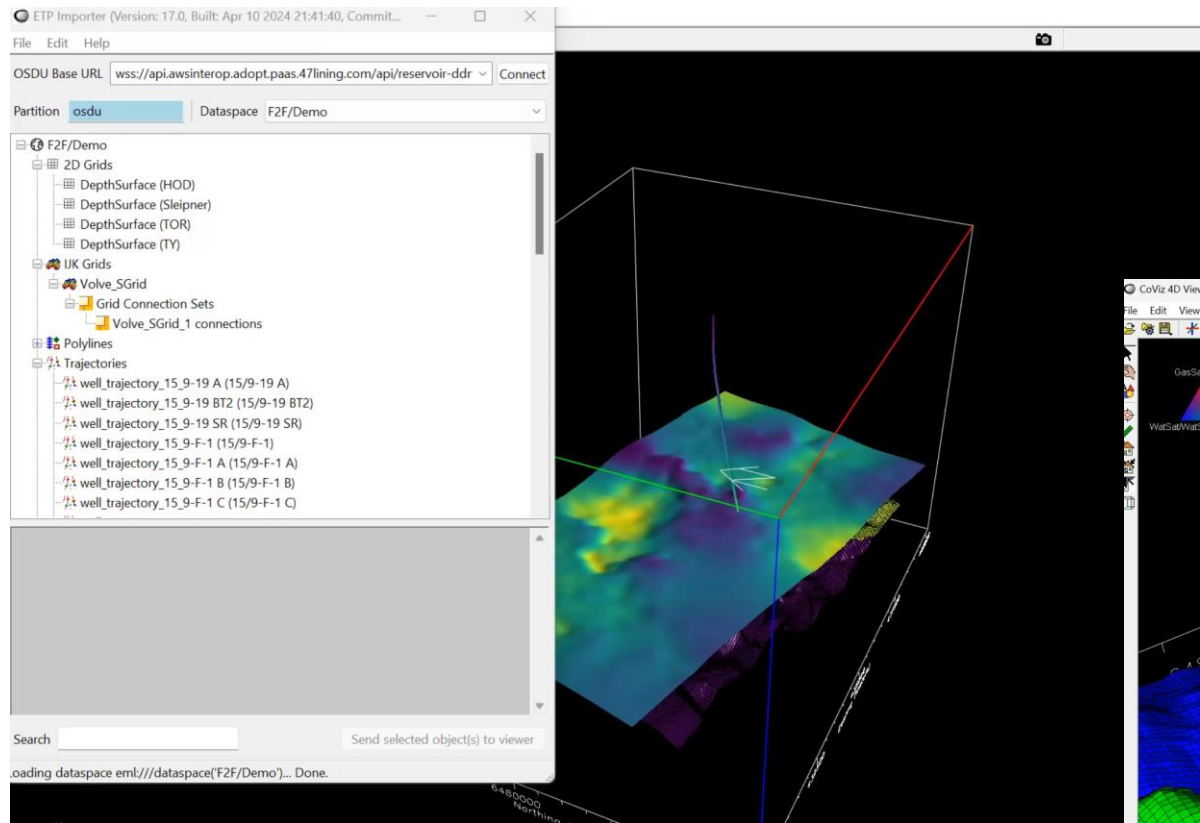
# CoViz 4D

- Import from Multiple Clouds
- Import from Multiple DDMS
- Import 2D/3D/4D Data

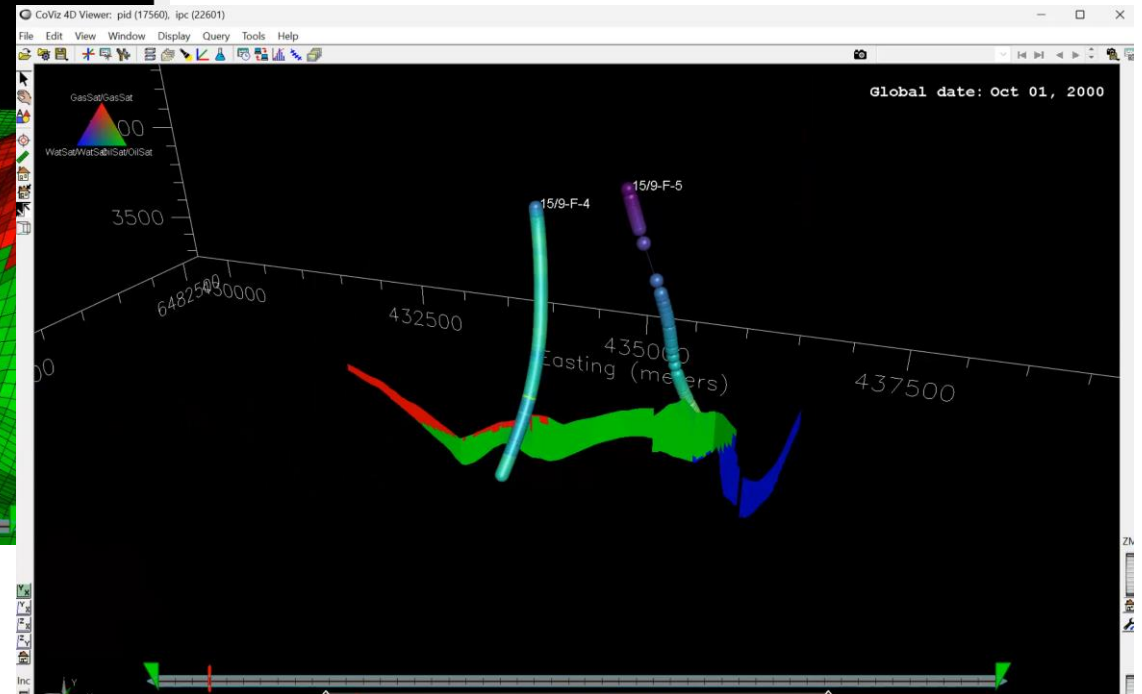
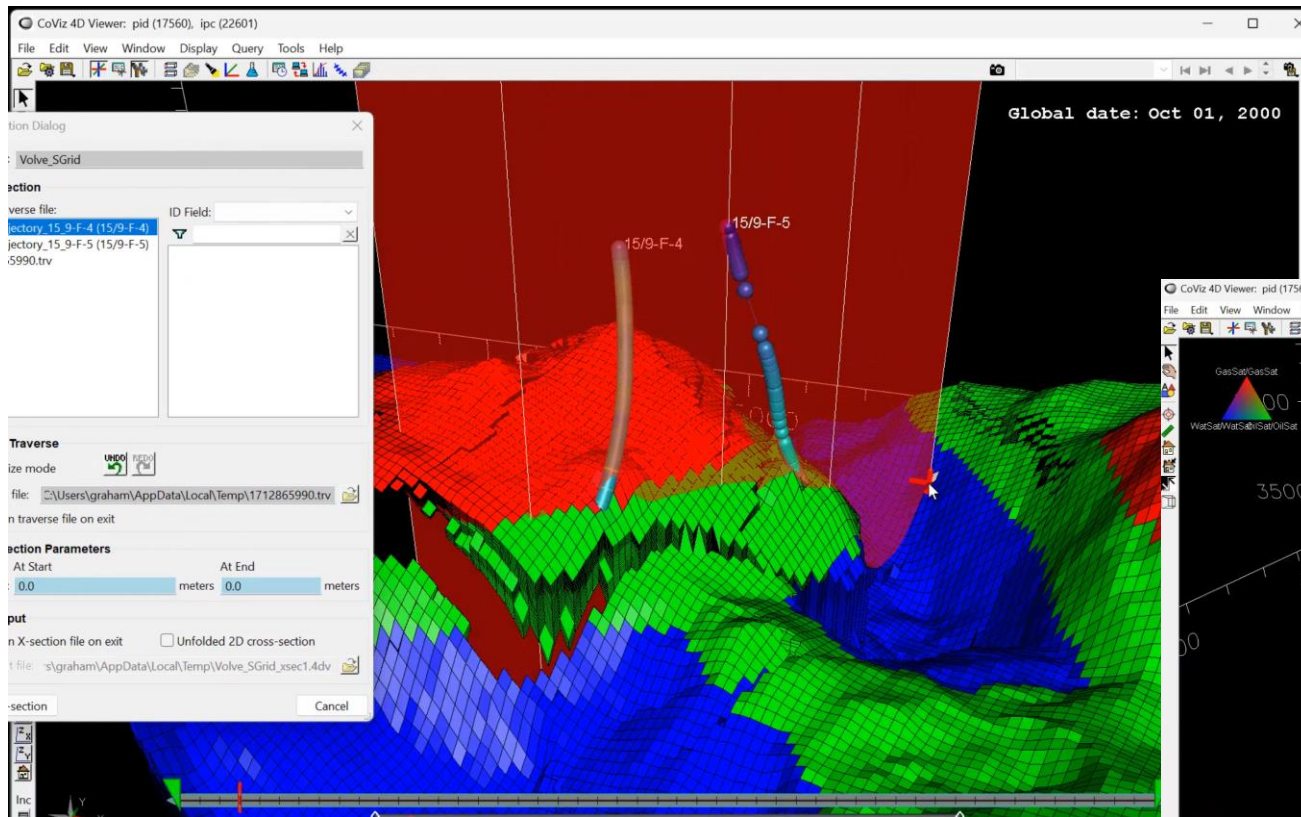




# CoViz 4D

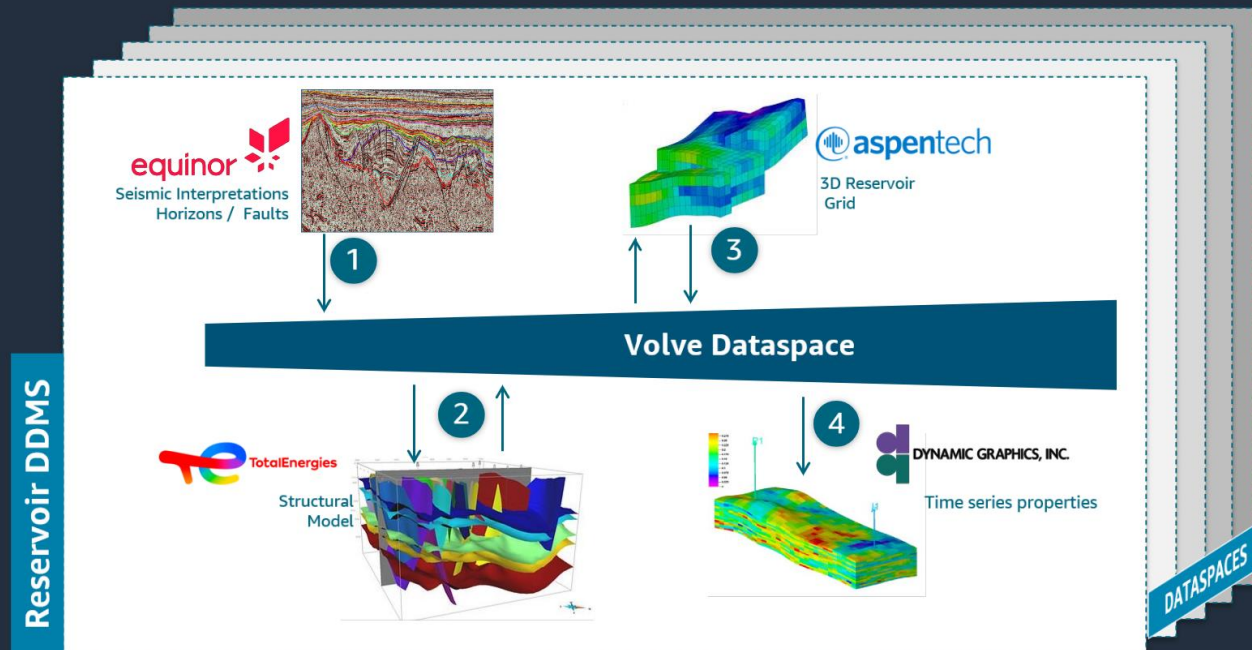


# CoViz 4D



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

## Collaborate using centric Reservoir standard repository (DDMS)



# Conclusion

- 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