



Driving Digital Transformation in Oil & Gas with the OSDU™ Data Platform

Video Transcript

Energy companies find themselves at a pivotal crossroads. Navigating the journey to cloud, considering a new common data model, coupled with the need to deliver a successful energy transition, is triggering a reevaluation of business models and workflows. Underlying these business workflows, data finds itself at the center.

The OSDU™, a forward-looking energy data platform, aims to reduce the friction, remove the silos and unlock the compute power of the cloud. Enabling end-to-end workflows to focus on collaboration across domains and not spending endless hours searching and transferring data, speeds up cycle time and enables data-driven critical decisions, whilst reducing non-productive time and increasing safety.

Knowledge is often lost in silos, linked to past ways of working or organizational barriers.

Connecting the OSDU™ trusted data such as wells and seismic data to a digital twin via knowledge graphs intelligently connecting subsurface and surface real-time and historical and laying the foundation to derive powerful insights over these platforms from machine learning and artificial intelligence will propel the industry into a new era.

Accenture has developed a number of business application accelerators to bring together the functional requirements of the business supported by technology integrations and latest user experience design capabilities.

The Production Asset Management application from Accenture capitalizes on this new access to data. Allowing 360 visibility of your asset operations and provides intelligent insights across subsurface production, asset integrity, health, safety, security & environment (HSSE), finance and logistics.

The application, a unified environment, allows you to consistently meet targets by intelligently assessing opportunities and creating scenarios across well intervention, well drilling and facility capacity management. Giving assets priorities and constraints.

Scenarios can be quickly created to see how much additional production can be achieved. Also, manually created scenarios are compared with system-generated scenarios to make an informed decision.

The resulting changes in implementation schedule could be pushed to activity monitoring tools such as Primavera P6 via pre-built APIs.

The application also allows you to proactively track the status of activities, investigate delays and provides recommendations to bring the activities back on track.

For more information visit www.accenture.com/energy