

Controlling exploration documents and advancing operations and maintenance efficiencies.

In the Energy industry, the benefits obtained through operational excellence programs, such as greater productivity, improved safety and extended asset lifespan, have been well understood for some time. However, the current low gas price economy is driving organizations to further increase their focus on the execution of activities that prolong the life of their existing assets, known as 'brownfield projects', as key to remaining viable during these times.

In the energy industry, shrinking margins driven by competition and new sources of energy are forcing an increased focus on improving operational efficiency. The current economy is driving organizations to further increase their focus on activities that prolong the life of their existing assets, known as 'brownfield projects', as key to remaining viable. While loose operational procedures may still result in profitability when market conditions are good, today's lower prices and increased competition mean that absorbing sloppy maintenance and dealing with unplanned downtimes is simply not sustainable.

Within the oil and gas industry, companies also frequently engage in a lengthy and multi-faceted exploration process, which includes multiple evaluations from a

variety of teams, before ever initiating a drilling project. The organization and management of this complex research and activity can be further complicated by inaccurate and duplicate documentation, a lack of traceability, accountability, auditability of information, inefficient collaboration amongst global work teams and the inability to mitigate risk and meet regulatory requirements.

Improved governance over operational processes yields increased safety and operational readiness. Solutions to these issues tends to be very complex and require a consultative approach to address each organization's unique requirements, but the key factors to achieve success include:

- The ability to communicate the status of operations and/or individual processes. Simple, easy-to-understand dashboards are a critical success factor for sharing results both up to the executive leadership and down to the entire organization.
- A collaboration solution that eliminates unnecessary delays, especially with the global network of suppliers and contractors supporting your operations, is also very important.

To address these challenges, ECD has developed two new E&E focused solutions.

Dell EMC Documentum Exploration supports oilfield exploration with industry-standard functionality. The offering leverages the industry-leading Documentum platform, enabling fast deployment. ECD Professional Services provides extensive industry support to optimize the service to meet a customer's need, reducing project timelines and total cost of ownership. Documentum Exploration supplies functionality that includes:

- **Streamlined document management** – controlling documents throughout the exploration & production process
- **Visibility into document and exploration status** – revealing the relationships between exploration documents
- **Fast access to critical documents** – reducing reliance on SharePoint or shared drives, removing information silos
- **Enhanced team collaboration** – eliminating organizational boundaries without sacrificing processes or security
- **Better decision making** – by providing fast, reliable access to accurate information
- **Built-in templates and industry-standard workflows** – providing a rapid, repeatable setup to avoid delays

Dell EMC Documentum Asset Operations 2.1 simplifies concurrent engineering and seamless handover by managing operations and project documents together, breaking down information management silos. By combining operations and project information on a single platform, Asset Operations 2.1 enables an organization to manage all of its documents in one place so every user can access important information whenever and wherever needed. Asset Operations 2.1 also supplies consistent system and user interfaces across the entire asset lifecycle, simplifying the user experience and increasing adoption.

Asset Operations also compliments Supplier Exchange: built in the cloud which enables management and transmittal of controlled documentation from project owners to suppliers, and shared business processes with suppliers while maintaining security, all built in the cloud.