Using eAnalytics to Improve Decision-Making in Energy and Oil and Gas Organizations

Energy and oil and gas organizations are well supported by robust data capture and archival systems, only to be limited in their efforts to access this meticulously acquired data. In addition to this, corporate research and development repositories are also filled with tremendous amounts of vital historical data that continue to grow in size and value. In order to exploit all of this valuable data, management and end-users must have a data infrastructure that allows them to execute complex queries across multiple disparate databases in an easy and intuitive manner. These managers also need methods and applications that support the fruitful examination of complex datasets.

Data access limitations have forced management and IT professionals to turn their attention to a fresh generation of end-user oriented tools and applications for getting a hold of and making the most of their available data. Only when users can retrieve, link, explore and make sense of data from multiple sources will companies realize the promise of information infrastructure investments and IT platforms. This presentation will highlight a novel approach to solving these data challenges, citing leading energy and oil and gas companies who have successfully adopted this unique approach to data analysis.