Oil & Gas: Data Driven Exploration & Production

CenturyLink empowers engineers, scientists and geologists with on demand access to massive seismic data for activating exploration

Strong organic growth depends on strategic exploration and effective production execution. To achieve this, organizations need to improve the accuracy of exploration analyses and reduce time to the commercial well. A global leader in cutting edge geo-science solutions, arming energy leaders around the world with unique, data driven geoscience insight, needed fast access to large data sets to enable their customers.

“CenturyLink’s network becomes the enabler to remove distance and latency as a barrier to running most enterprise applications on geographically distant or dispersed data, with local-like performance”

–Charles Stallings, Senior Manager, Innovation & Incubation, CenturyLink

With a global fleet of seismic vessels this customer needed a better way to activate on data regardless of the origin location.

• The organization deployed CenturyLink Data Access on Demand, a high-performance data fabric technology that enabled the remote processing of data between Rio and Houston over a 1Gbps WAN
• Global teams moved massive amounts of seismic data and reduced their transfer time from over 15 hours to just over 2.5 hours
• This deployment allowed them to perform remote data-driven analytical models, enabling their applications to perform regardless of the source data location

Data Access on Demand is a game changer for energy players which operate in a highly complex, global and data heavy environment. Our solution allows users, applications and the pertinent data to be accessible via the fabric using standard protocols without special software being required on the client system.

• Ability to utilize the capability embedded within the network to access geographically dispersed data as if it were a local file system
• Improve data security with reduction of copies across the enterprise
• Improve data transfer by up to 27x
• Turn up within weeks with configurations from below 1Gig to 100 Gig

Schedule a demo today with charles.stallings@centurylink.com

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Data Access on Demand is a Game Changer for Energy Players

Overview of Major Oil & Gas Production Where CenturyLink has Fiber