**Build resiliency with ultra-low latency, high performance, and 99.99% uptime — anywhere.**

**Accelerate Oil & Gas Time-to-value**

**High Performance & Low Latency Conundrum:** Enabling Cloud Migration by Solving the Productivity and Security Conundrum

With Azure NetApp Files, Repsol gained faster than 10x the speed. The oil company often spends 3-10% of its CAPEX on IT to support its global workforce via multiple devices, increasing the risk profile for exploration, and 20% to 30% of oil and gas companies have begun developing more digital capabilities.

**Problem**

- **Future-proofing our Oil & Gas operations is one of the most important strategies for oil and gas companies in today’s uncertain world.**
- **Siloed legacy systems that underpin traditional operating models are incapable of supporting the business models.**
- **Customer data, seismic data, undersea, and well data, and maps, you can accelerate insights to organize and 99.99% uptime guarantee delivers the availability you need. We offer global region support, with new locations being added all the time.**

**What They Got**

- With Azure NetApp Files, you gain ultra-high performance and low latency for your HPC workloads, even when analyzing data from remote parts of the world.
- With high-performance compute and real-time access to massive amounts of seismic data, well data, and maps, you can accelerate insights to organize and act on your data faster.
- With Azure NetApp Files, you will transform your organization to respond to changing market conditions means being able to reduce our time-to-market in half.

**Solution**

- Repsol migrated the Oil & Gas modeling to Azure only to discover it was far too slow to be implemented into their field management solutions. We need to lower our overall cost to maintain our field management solutions.
- **Moving Oil & Gas modeling applications into Azure enabled the company to turn on and off overnight but we need to lower our overall cost to react responsibly as industry market conditions means being able to reduce our time-to-market in half.**
- Repsol prides itself on innovation. Their Oil & Gas modeling initiative was one of 150 digital transformation projects, with a total expected return of €7.5 billion in four years.

**What They Needed**

- Republic prides itself on innovation.
- **Building Cloud Migrate by joining the High Performance & Low latency Conundrum: Moving Oil & Gas modeling applications into Azure enabled the company to turn on and off overnight but we need to lower our overall cost to react responsibly as industry market conditions means being able to reduce our time-to-market in half.**
- **Running our HPC workloads faster in Azure than on-premises.”**

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**Customer Story: Repsol**

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**Juan Pedro Bretti Mandarano, Digital Transformation, Senior Engineer, Repsol**

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**Accelerate time-to-value by up to 66% — run month-long simulations in just hours.**

**Get up to 5x performance for your Oil & Gas and reservoir simulation workloads in Azure on-premises.**

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**Book an architectural design session.**

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**Footnotes:****


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**Table: Accelerate Oil & Gas Time-to-value**

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**References:**