Transformative Shifts in the Oil Industry with Hybrid Cloud Solutions

CHALLENGES ⌄

The oil and gas industry navigates a precarious tightrope when it comes to file storage and sync. Massive datasets, from seismic surveys to engineering plans, demand robust storage solutions, but vast remote locations often grapple with unstable internet connections, making syncing a constant hurdle. This data, however, is the lifeblood of operations, and its security is paramount. Finding a solution that balances accessibility, reliability, and ironclad security is an ongoing challenge that the industry must master to keep its operations flowing smoothly.

SOLUTIONS ⌄

Morro Data's CloudNAS provides a hybrid cloud strategy, empowering oil and gas companies to optimize their storage solutions by combining on-premises and cloud-based approaches tailored to their unique needs. The services ensure convenient file access from any location with an internet connection, proving particularly advantageous for organizations with dispersed teams or remote work requirements.

Effectively managing confidential information is streamlined through ongoing monitoring and auditing of cloud storage security. This proactive approach is crucial for detecting potential security breaches. With File Versioning and Rapid Recovery features, the assurance of uninterrupted access to files and the prevention of data loss are paramount. This ensures that valuable data remains secure, and users are never locked out of their files.

Real-Time File Sync and Remote Access

Centralized Management

Protection Against Ransomware

At A Glance

- Primarily used for **file server consolidation** and enables businesses to centralize their storage infrastructure and provide **remote access**.

- Unlimited storage and performance scalability. Easily handle large amounts of data.

- **Automated backups** and multiple **file recovery** options.

- Risk Signal Management for Ransomware

HOW IT WORKS ⌄

1 The initial step is deploying Morro Data CloudNAS in your organization, installing devices at locations like corporate offices, remote offices, or oil rigs. It supports a hybrid cloud approach, seamlessly integrating with both on-premises and cloud-based storage solutions.

2 Once deployed and data migration is completed, all data is stored in the cloud. Team members, whether in the corporate office or at field sites, can collaborate effectively, sharing and accessing files without delays, enhancing productivity and communication within the organization.

3 Morro Audit, an app within the CloudNAS system, provides analytics and reports that generate alerts for unusual bulk operations. This proactive approach allows administrators to take swift action to mitigate risks.

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