



Vertical Brief – Oil & Gas

Exploration to Production.

From the research vessel in the Gulf of Mexico. From the platform in the North Sea. From the drilling rig in Cameroon. From the regional office in Oklahoma.oil and gas companies large and small have a challenge to protect critical data from a multitude of different sources with secure data backup to the corporate data center to maintain business continuity and to meet compliance regulations. Tape pickup and delivery is a costly and lengthy process at some of these isolated sites. Automated disk-to-disk backup consolidates the remote data to the data center over the WAN.

The oil and gas compliance picture originally centered around meeting Sarbanes-Oxley requirements for public companies to certify their IT processes for financial reporting. However, compliance audits are increasingly complex and often focus on demonstrating data security and protection without breaches at remote offices and locations – not just the data center. Federal and state agencies such as the EPA and DOT have overlaid environmental and transportation regulations mandating auditing, reporting, and disclosure requirements from research to distribution. The oil and gas industry has a heavy regulatory compliance burden.

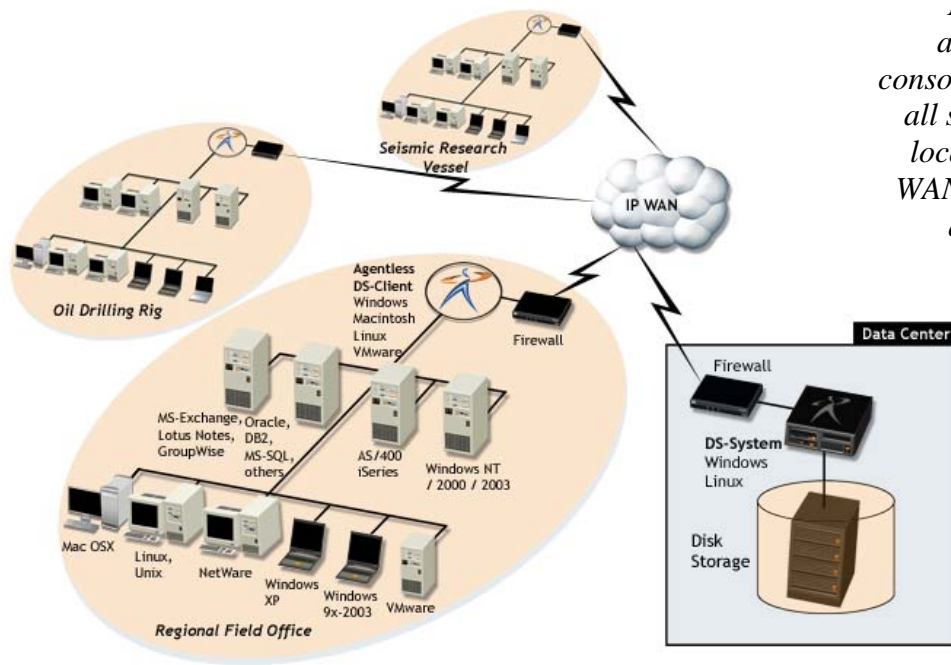
Meeting the security compliance challenge with limited IT resources.

Consolidating data to the corporate secure data center is especially difficult in the oil and gas industry due to isolated drilling sites, offshore research vessels, and small field offices that do not have dedicated IT staffing to manually handle and truck tapes. Misdirected or lost tapes from the field undermine even the best data center backup strategy. Asigra Televaulting is designed to consolidate backup to your secure data center, eliminating the need of onsite IT staff at remote sites and increasing reliability. Asigra Televaulting allows the data center to centrally manage backup of all locations in its network.

Asigra specializes in providing a scalable and cost-effective agentless, online backup software that complies with regulations to protect data in an encrypted format and at an offsite, secure location. Data is transferred over a secure WAN to a central data center or vault thus ensuring offsite protection. In the event of a server crash, human error, or natural disaster, or audit, data is immediately available for restore and recovery.

Asigra Televaulting encrypts (up to 256 AES) all data at the source and maintains encryption throughout the transfer and storage process, which protects the privacy and integrity of research, exploration, production, and business data during the entire backup process.

*Without agents, Asigra
Televaulting
automatically
consolidates data from
all selected remote
locations over the
WAN to your secure
data center.*



Key Benefits:

- Automated compliance with storage, records retention and privacy regulations
- Local and offsite storage ensure redundancy
- Data is fully encrypted at all times while in-flight and at-rest
- Easy, efficient backups and restores
- Fully scalable and capacity-based licensing ensures complete backup coverage as data grows
- Instant access and recovery of all backup files in the event of data loss or corruption
- Date and time-stamped access log that fulfills auditing standards. Clear time and date-stamped audit trail.
- Ability to coordinate data backup between multiple remote and branch office locations.

Additional Information:

Sarbanes Oxley <http://www.sarbanes-oxley.com/>

Sarbanes Oxley FAQs <http://www.sarbanes-oxley-101.com/sarbanes-oxley-faq.htm>

EPA Privacy Act <http://www.epa.gov/privacy/faqs/index.htm#1>

VAALCO Energy successfully completes Sarbanes-Oxley audit with Asigra

<http://www.s-ox.com/News/detail.cfm?articleID=1867>

Remote backup protects Jarbboranir HF (Iceland Drilling Company Ltd)

<http://www.tmcnet.com/usubmit/2006/jan/1280765.htm>