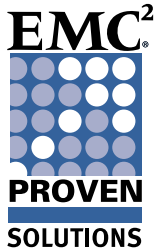


Networked Storage for Seismic Interpretation

In the Oil and Gas Industry



EMC[®] Networked Storage for Seismic Interpretation gives you the resources and infrastructure to manage, access, share, and protect your seismic data.

Business Challenges

Networked-attached storage is a popular solution for seismic exploration operations due to its ability to share large files quickly across an asset team. Users must access large volumes of data that are delivered at high data rates to their applications. However, large amounts of data currently residing in NAS environments often are accessed only rarely and can compromise performance and increase project costs. Challenges include:

- Higher than necessary infrastructure costs to retain inactive seismic data
- Negative performance impact of current practices for storing seismic data
- Searching offline tape archives is time-consuming and resource-intensive
- Inefficient and time-consuming backups, due to large amounts of inactive data

Solution Description

The EMC Networked Storage Solution for Seismic Interpretation delivers a cost-effective and scalable approach to using NAS for accessing and sharing critical seismic data. This solution is fully tested with leading seismic interpretation workflow environments. A key part of this solution is the ability to implement a tiered architecture to ensure the right content is available on the right platform, enabling you to achieve your information lifecycle management objectives. Components of this offering include:

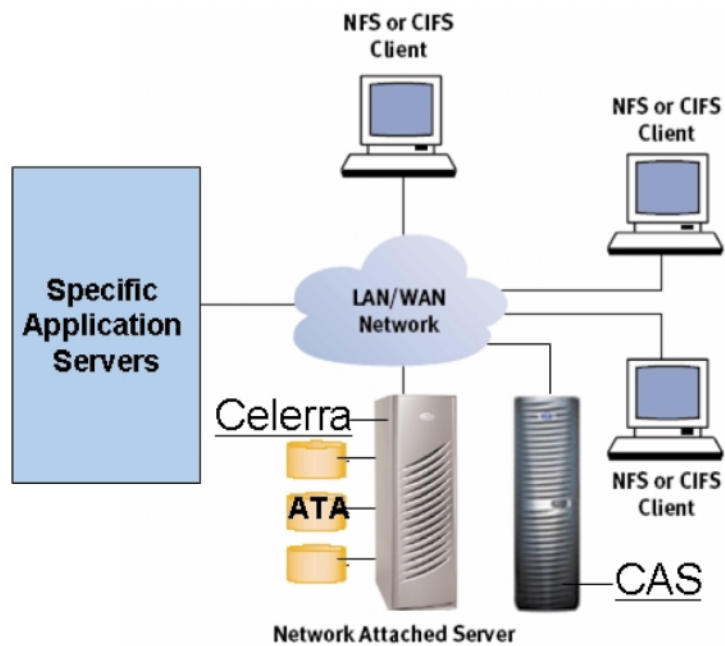
- EMC Celerra[®] NS 700—fully tested with leading seismic data applications
- Celerra FileMover software and any other software needed for your specific application environment
- Celerra NS Integrated QuickStart ES service
- NAS implementation services-based on proven and documented service methodologies and reference architecture

Additional offerings include:

- EMC Storage Insight Workshop Implementation
- EMC Infrastructure Assessment
- ATA drives to maintain an economical infrastructure
- EMC tiered storage platforms including NAS, SAN, and CAS offerings

EMC delivers hardware, software, and expert services and support for every stage of your seismic information lifecycle—from exploration and production to reservoir divestiture. Whether you're evaluating storage needs, improving an existing infrastructure, or managing day-to-day tasks, EMC can help you optimize access and sharing of critical seismic data—efficiently and cost effectively.

EMC will work with you to assess your specific requirements and design the NAS configuration appropriate for your environment. The illustration at right shows one example of how this solution could be configured.



Solution Value

As the value of seismic data changes over time, your EMC Networked Storage for Seismic Interpretation configuration allows you to apply the right level of resources and infrastructure to manage, access, share, and protect your seismic data. With EMC, you'll realize the added benefit of EMC's broad offering of complementary SAN, NAS, and CAS platforms, ensuring the right level of investment to meet your objectives at every stage of your seismic information lifecycle.

The Networked Storage for Seismic Interpretation Proven Solution allows you to:

- Reduce risk by implementing a solution fully tested with leading seismic applications
- Achieve faster time-to-value by relying on EMC Services expertise and proven methodologies
- Improve overall system performance
- Make better oilfield decisions through increased ability to access, search, and share data
- Drive out costs by placing the right data on the right platform at each point in its lifecycle
- Quickly access seismic data online, anywhere, for business and legal discovery purposes



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Getting Started

Benefit today from EMC Networked Storage Oil and Gas Solutions. Talk to your EMC sales representative today for more information on the full range of EMC ILM solutions, or visit www.emc.com/solutions/industry/oilandgas.