

British Petroleum (BP) Strengthens Data Protection with BP Backup Shield Solution

The BP Backup Shield Solution has transformed British Petroleum's approach to data protection, provided exceptional scalability, efficiency, and reliability while seamlessly aligning with its strategic vision for operational resilience and sustainable cost management.



BUSINESS CHALLENGES

British Petroleum (BP), one of the world's leading energy companies, operates across a diverse range of activities, including oil and gas exploration, refining, marketing, and renewable energy production. As a global organization managing critical data from operations, BP's reliance on robust data protection systems is essential for ensuring business continuity and maintaining its competitive edge. However, BP's legacy backup environment presented several challenges that hindered efficiency, scalability, and reliability:

01

Inefficiencies in Legacy Systems

Tape-based backups and Symantec NetBackup processes were slow, costly, and unreliable, with limited disaster recovery capabilities.

02

Lack of Scalability

The legacy system could not handle BP's increasing data volume, which had grown to 60TB across 250 systems, with 80% virtualized environments.

03

Operational Risks

Confidence in data recovery processes was low, posing risks of potential data loss and extended downtime during outages.

04

Suboptimal Backup Performance

Limited infrastructure hindered backup speeds and recovery times, leading to increased operational overhead and service delays.

05

Cost and Resource Constraints

High storage and operational costs were associated with the tape-based approach, further constraining scalability.

These challenges necessitated a modern, scalable, and efficient solution to support BP's mission-critical operations and data protection requirements.



WHY INTRASOFT?

British Petroleum selected Intrasoft for its proven expertise in delivering scalable and innovative technology solutions. Key factors included:

- **Advanced Technology Stack:** Leveraging EMC's industry-leading tools, such as NetWorker, Data Domain, and Data Protection Advisor, to ensure robust data protection.
- **Proven Methodology:** Phased implementation that ensured seamless migration and minimized disruptions.
- **Comprehensive Training:** Tailored education programs ensured smooth adoption and long-term sustainability of the new system.
- **Cost Efficiency and Scalability:** Capacity-based licensing and deduplication technology supported BP's strategic growth objectives while reducing costs.



RESULTS

British Petroleum (BP) achieved significant benefits following the implementation of the BP Backup Shield Solution:

- **Enhanced Operational Efficiency:** Centralized management and streamlined processes reduced backup and recovery times, improving overall system performance and resource utilization.
- **Scalable Infrastructure:** The solution supported data growth up to 320TB with a 60-day retention period, ensuring BP's readiness for future expansion.
- **Robust Disaster Recovery:** Off-site replication and advanced deduplication technologies provided reliable disaster recovery capabilities, safeguarding BP's critical data assets.
- **Cost Savings:** Efficient client-side deduplication reduced storage requirements by up to 94.75%, minimizing operational expenses and reliance on costly tape-based systems.
- **Proactive Risk Mitigation:** Comprehensive monitoring and reporting tools improved system reliability by identifying and resolving issues before they impacted operations.

KEY TAKEAWAYS

Operational Transformation: Centralized control and efficient methodologies streamlined backup processes.

Scalable Infrastructure: The solution supported BP's growth trajectory and long-term data protection needs.

Cost Efficiency: Reduced storage requirements and reliance on legacy systems yielded significant savings.