

# Infrastructure Assessment Services

Maximize the value of your investment in Schlumberger software

## APPLICATIONS

- Adopting new technology
- Addressing non-optimal IT configurations
- Ensuring future scalability of IT infrastructure

## BENEFITS AND FEATURES

- Boost productivity of petrotechnical professionals
- Maximize the value of your investment in Schlumberger software
- Enhance both software and overall IT infrastructure performance
- Benefit from assessments conducted by experienced technical experts

Recent trends in the oil and gas industry to exploit more complex plays, such as unconventional hydrocarbons or deep water, involve compute-intensive analytic workflows (basin-scale seismic interpretation, 3D geobody analysis, high resolution simulation, integrated asset modeling, etc.). This increases the strain on the supporting IT infrastructure.

Understanding key decision workflows, the supporting software requirements, and their impact in the IT domain is crucial to the design and implementation of an optimized IT infrastructure.

## Measurable business impact

An infrastructure assessment allows you to maximize the value of your investment in Schlumberger software technology by ensuring your IT infrastructure is suitable and optimally tuned to support key deep-science workflows and applications. This results in improved technical performance and measurable business impact, enabling geoscientists and engineers to focus on their core exploration and production activities, without having to cope with the underlying complexities of the IT environment.

Key challenges we help you address:

- New technology adoption
- Non-optimal IT configuration
- Future scalability of IT infrastructure

## Comprehensive insight

Schlumberger infrastructure assessments focus on petrotechnical workflows in the core geoscience, reservoir engineering, and production domains, supported by key information-management and infrastructure technologies. Schlumberger provides specialist skills—expert technical knowledge and expertise in overlapping areas between IT technologies and E&P work processes—acting as a single point of contact between software application users and the IT department. Our assessment will give you comprehensive insight into your environment.

Assessments are conducted by technical experts with experience in core areas, such as geologic modeling, reservoir engineering, flow assurance, and production operations, as well as project and information management, and infrastructure technologies. This interdisciplinary approach allows us to assess your current and future infrastructure needs, and recommend an optimal architecture to support your petrotechnical workflows as efficiently as possible—now and in the future.

## Tailored recommendations

Standard processes and frameworks are used to gather information about your workflows and analyze your environment. Once implemented, the resulting recommendations help improve the productivity of petrotechnical professionals and maximize the performance of the software and IT infrastructure.

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