

**Lenovo
On Demand**

RiVA

High Performance
Remote Virtual Workstation Platform

Lenovo

Transforming petro-technical workflows

RiVA is a turnkey platform purpose-built for Oil & Gas exploration, uniting GeoComputing's deep petro-technical expertise with Lenovo Hybrid AI advantage with NVIDIA.

By delivering the industry's highest performance, best ROI, and unrivaled domain knowledge through a private cloud model, RiVA empowers geoscientists to rapidly interpret seismic data, make critical decisions sooner, and retain complete control—without the hidden pitfalls of generic public clouds.



Unbelievable Performance

Harness High Performance Computing (HPC) class parallel processing for seismic and reservoir modeling.



Exceptional Value

Achieve up to 400% ROI in year one and dramatically reduce time to first oil.



Deep Petro-Tech Expertise

Dedicated Oil & Gas specialists to optimize workflows, data management, and AI adoption.

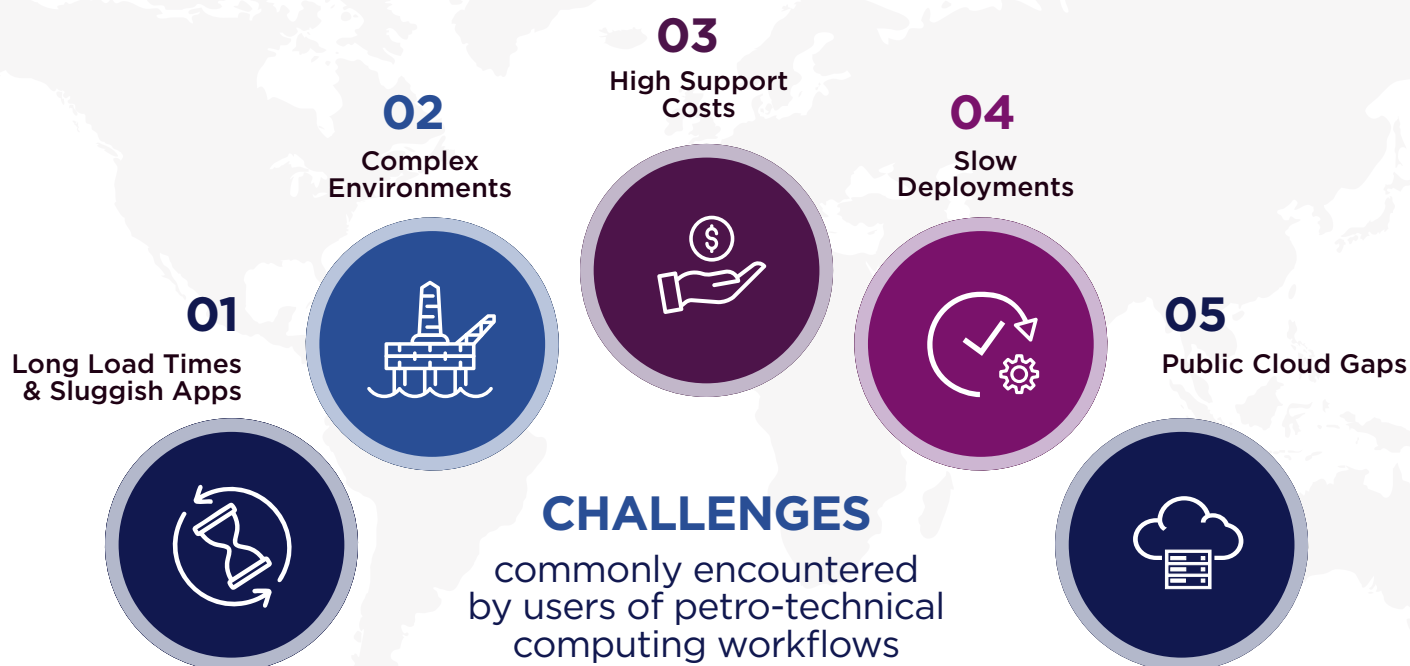


AI-Enabled Future

Ready for on-prem, edge, or hybrid AI workflows so you can tap into advanced analytics and agentic AI capabilities.

By addressing industry challenges head-on and delivering a tailored, high-performance solution, RiVA transforms the way geoscientists work—both on-premise and at the edge.

Oil & Gas operations demand high-performance computing, specialized applications, and expert support—yet public cloud and DIY approaches often fall short.



Benefits of RiVA



Performance & Efficiency

- **HPC-Grade Speed:** Accelerate seismic and reservoir simulations with supercomputing architectures.
- **70% Faster Deployment:** Reduce rollout time vs. traditional solutions.
- **Boosted Productivity:** Eliminate slow load times for geoscientists, enabling faster decisions.



ROI & Flexibility

- **High ROI (100–400%):** Rapid payback through cost savings and time gains.
- **Remote & Hybrid Access:** Work securely from anywhere with minimal latency.
- **Scalable to Your Needs:** Easily adapt to evolving data volumes and user counts.



AI & Unified Support

- **Future-Ready AI Integration:** Effortlessly incorporate GPU-accelerated analytics and agentic AI.
- **Single-Vendor Solution:** End-to-end coverage for hardware, software, and domain expertise.
- **Simplified Upgrades & Refresh:** Focus on exploration while RiVA handles infrastructure evolution.

RiVA vs. Public Cloud

Public Cloud Pitfalls: Restrictive setups, unpredictable cost structures, and limited HPC tuning—often lacking petro-tech expertise.

RiVA Advantage: Control, HPC-grade private cloud performance, deep domain knowledge, predictable costs, and single-vendor support for streamlined operations.

Expert Professional Support

Beyond industry-leading performance and flexible deployment, RiVA is backed by expert support and deep petro-technical knowledge. With a dedicated team of subject matter experts (SMEs), GeoComputing Group and Lenovo ensure your geoscience workflows run smoothly, from day-one configuration to ongoing optimization.



High-Touch Partnership

- Specialized oil & gas expertise from day one.
- Single-vendor model so you're never bounced between multiple support lines.



Professional Services Migration

- Provide expert services around deployments and migrations of petro-tech systems, applications, and data.



Dedicated Guidance

- A single team lead coordinates setup, optimization, and ongoing improvements.
- Encompasses the 4 Pillars of Petro-Tech (Infrastructure, Data, Applications, Workflows).



SME-Level Assistance

- Real geoscience, HPC, and AI experts handle ~99% of issues in-house.
- Routine maintenance and software updates ensure your platform is always future-ready.



With RiVA's **integrated support model**, your geoscientists focus on discovery—while we handle technology and scalability.

Connect with your Lenovo representative or visit [lenovo.com/geocomputing](https://www.lenovo.com/geocomputing) to learn more.



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Lenovo is a US\$62 billion revenue global technology powerhouse, ranked #217 in the Fortune Global 500, employing 77,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver Smarter Technology for All, Lenovo has built on its success as the world's largest PC company by further expanding into growth areas that fuel the advancement of 'New IT' technologies (client, edge, cloud, network, and intelligence) including server, storage, mobile, software, solutions, and services. This transformation together with Lenovo's world-changing innovation is building a more inclusive, trustworthy, and smarter future for everyone, everywhere. Lenovo is listed on the Hong Kong stock exchange under Lenovo Group Limited (HKSE: 992)(ADR: LNVGY). To find out more visit <https://www.lenovo.com>, and read about the latest news via our [StoryHub](#).