

Smarter creates the future

RiVA

Computing Platform

Lenovo

Get the most out of your workflow with the right solution.

Every day you're tasked with the most demanding Oil and Gas workflows, and you need more compute power at your desk as well as on the go.

To reduce lost productivity, deployment time, and software support, you need the right solution to get the most out of your workflow.

Why RiVA is the right choice for you

Futureproof your investment

The RiVA platform leverages NVIDIA GPUs and virtual GPU technology to meet the performance requirements of the graphics-intensive applications frequently used in the Oil & Gas sector. NVIDIA graphics with data center GPUs deliver high-quality, 3D virtual workstations accessible anytime, anywhere.

Perfectly suited to manage complex systems

Built to address the problems of slow data transfers by performing 30 times faster than other solutions. As a fully configured solution, it reduces deployment time from years to months.

World Class Computing Performance

Most Oil & Gas companies are accessing their G&G data at 40-80MBs for single, or even multiple, clients. This is 50 to 100 times slower than RiVA.

- For Linux workstations, RiVA delivers data at a rate of 5.5GBs.
- For Windows workstations, RiVA delivers data at a rate of 2.5GBs.
- Platforms work with every G&G application, and that's by design. Furthermore, every platform comes with all your applications pre-installed, tested, and ready to go.

“ We are finding more oil in less time. We are more accurate in our subsurface analysis and our work processes are smoother. RiVA has given us an efficient, high-performing ability to deliver agnostic tools out to geoscientists, regardless of their location. ”

CIO, Midsize Independent Exploration Company

RiVA



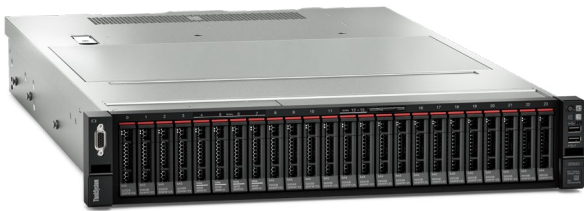
Lenovo

Delivering an End-to-End Professional Oil and Gas Solution

Combining high quality, enterprise class products from Lenovo and NVIDIA with GeoComputing's industry leading solution empowers geoscientists with the tools to succeed, whether fully remote or in the office.

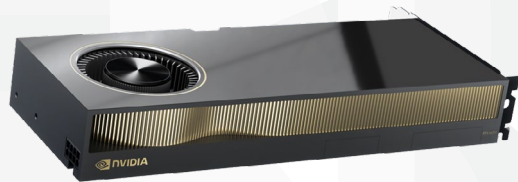
Lenovo Hardware Components

- ThinkSystem SR630
- ThinkSystem SR650
- D3284 Direct Attached Storage (DAS)
- D1224 Direct Attached Storage (DAS)



NVIDIA Hardware & Software Components

- NVIDIA RTX™ Family GPUs
- NVIDIA RTX™ Virtual Workstation
- NVIDIA InfiniBand High Speed Networking



Benefits of RiVA Solution for Your Oil & Gas Environment

Leverage HPC concepts and methodology and apply them to G&G interpretation environments.



Increased Productivity

Faster performance enables quicker completion of workflows, allowing for more time in the data to make better decisions. For the business, this means faster time to first oil and lower business risk.



Return on Investment (ROI)

Achieve 100%-400% ROI by providing a more efficient work experience for your Geoscientist.



Remote Virtual Workstation

RiVA assures continuous output from any place, at any time, for anyone. We deliver a turnkey, fully supported stack with all petro-tech applications and data.



Increased Security & Support

With a centralized compute model, all applications, data, and intellectual property are secure in your data center. Centralizing the system simplifies the operations support.

Extreme performance allows you to work with more of your data

Discover more about the RiVA Solution. Visit:
www.lenovo.com/geocomputing



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