

*"R Systems was able to meet all of our constraints which in the end allowed us to provide the needed product in the allotted amount of time."*

*- David H. Shope  
VP – Western  
Hemisphere  
Dolphin Geophysical*



### Dolphin Geophysical Moves Faster with R Systems

As a global provider of seismic surveys using a fleet of seismic vessels, Dolphin Geophysical knows a thing or two about turning around large-scale projects with tight, business-critical timelines for clients in the oil and gas industry.

Even though they perform big work, they're still a small company and maintain a lean support staff. When Dolphin Geophysical needed a High Performance Computing (HPC) partner, they brought in R Systems to deliver the necessary computing power to enhance their existing capabilities.

### R Systems Brings Greater Speed, Intelligence and Flexibility

R Systems enabled Dolphin Geophysical to deliver a pre-stack time migration of a 3-D seismic survey consisting of 2,400-square kilometers (927 square miles) to their client within a strict time constraint of 10 days. This large data migration had specific requirements. R Systems provided a secure, dedicated purpose-built computer cluster using bare-metal machines, which could be easily optimized. This on demand approach met Dolphin Geophysical's computing needs when their projects required excess capacity.

R Systems handled the challenges of moving, handling and storing the large data files with ease. They ensured the cluster was up running and optimized by the deadline all while providing their white-glove service as an extension of Dolphin Geophysical's IT Department.

# The Right Solution for your HPC Requirements

BARE METAL | SECURE ENVIRONMENT | DEDICATED, UTILITY & SELF SERVICE AGREEMENTS | NO DATA ACCESS OR TRANSFER FEES

*"I think having a primary System Administrator is a differentiator for R Systems. It gave me the confidence to proceed with R systems when we were under great pressure to perform. It certainly reduced my anticipated risk."*

- David H. Shope  
VP – Western Hemisphere  
Dolphin Geophysical

## The R Systems Advantage

Dolphin Geophysical found a fast solution with R Systems that kept them competitive in the oil and gas market and enabled them to provide the required computing power for their client's large seismic survey.

As with every client, R Systems applied the current leading-edge technology to this project, plus assigned a Primary System Administrator to Dolphin Geophysical to promptly address issues, answer questions, review information and make recommendations throughout the project.

## A Competitive Advantage for the Future

The world of oil and gas exploration requires speed, intelligence and continued access to cutting-edge HPC infrastructure to analyze seismic data effectively. With R Systems as a partner, Dolphin Geophysical can continue thriving.



For more information on how R Systems can impact your business, contact us today!



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