

"By using offsite HPC resources for large problems, we can free-up internal resources for more detailed testing and analysis."

*- Lucy McGregor, CTO
Rock Solid Images Inc.*



RSI Goes Deeper with R Systems

It's not rocket science. It's rock science. At Rock Solid Images Inc. (RSI), they take rock science, or rather rock physics, very seriously. RSI performs predictive modeling and analytics for sub-surface oil and gas exploration. They accomplish this by running large, geophysical inversion problems to understand the underlying rock strata and fluid composition. Calculations of this magnitude require a massive amount of computing power, power RSI doesn't have in-house.

R Systems—The Right Partner for the Job

R Systems enabled RSI to run larger earth models more efficiently than could be done in-house. This led to more robust and more reliable information—information that RSI could then provide to their clients.

Having access to offsite HPC resources helped in other ways. R Systems gave RSI flexible access to their solution. This allowed RSI to compete with larger companies, many of whom have in-house HPC resources at their disposal. By partnering with R Systems, RSI gained HPC capabilities they otherwise couldn't afford.

As they do with all their clients, R Systems provided RSI with a Primary System Administrator for their account, ready to answer questions, review information and make recommendations, whenever needed. In this way, RSI was able to stay apprised of any issues that arose. The Primary System Administrator was there to provide quick answers to any and all questions.

The Right Solution for your HPC Requirements

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

The R Systems Advantage

"Problems have been few and far between, however R Systems always resolved them quickly and efficiently. We have not yet experienced a problem that impacted our project turnaround time or the quality of the result."

*- Lucy McGregor, CTO
Rock Solid Images Inc.*

"Our long-term working relationship with RSI has delivered excellent multiphysics results and deepened our understanding of such approaches."

*- Jochen Rappke,
Engie Norway.*

R Systems uses bare-metal machines, which are traditionally faster than virtual machines. R Systems undergoes an annual technology upgrade, giving clients like RSI leading edge technology when they need it and only when they need it. Having access to HPC clusters from R Systems has expanded RSI's capacity to accurately assess prospectivity and reduce geologic risk at unprecedented scale, freeing up more resources to help their clients succeed.



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



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