R SYSTEMS

SUCCSSS STORIES

Trek Bicycle
To perform significantly finer-grained design simulations than they could run affordably in-house, Trek Bicycle contacted the R Systems team. Working in tandem with the R Systems Utility clusters, Trek Bicycle was able to reduce expensive wind-tunnel time. It also improved tire designs, necessitating an additional 40 manufacturing positions to fulfill orders upon release of the first tire design powered by R Systems.

Weather Modeling Firm
A firm required large-scale HPC resources without an over-subscribed Infiniband network. Their project-based workflow could not afford a multi-million dollar build-out. R Systems was the only provider able to accommodate their unique needs within budget and without long-term overhead investment.

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Office
1902 Fox Drive, Suite F
Champaign, Illinois 61820

Pre-configured and ready to work for you

Our bare-metal utility clusters are the best value for short-term or sporadic HPC needs. They offer fast, reliable and efficient results that traditionally outperform virtualized providers. R Systems maintains existing resources in a pre-configured HPC environment: shared login hosts, scheduler queues, and NFS/Lustre storage. This environment is all about simplicity, allowing users to upload custom applications or use pre-installed ISV and open source applications to run jobs, and gain access via standard protocols such as SSH and VNC. All jobs are node-exclusive; this solution is perfect for bursting or intermittent cluster requirements. Billing is based upon the hours used and the scheduler queues, but login host access for upload/download, job set-up and results viewing are absolutely free. This includes full white-glove service with R Systems serving as an extension of your existing IT team.

- Choose the best available configuration(s) for your application
- Per-job accounting with no hidden fees
- R Systems HPC experts offer support in workflow optimization

Whether it's a dedicated cluster or a standard configuration, our engineers have the expertise and the experience to provide the optimal HPC solution.

We believe in the power of high-performance computing. Our resources help accelerate research, model financial stability and more. The faster the world changes, the more researchers need partners with the passion to help.

Contact sales@r-hpc.com to see how we can help you with your HPC needs. Visit rsystemsinc.com for more information.