Drizti Inc.
HPCBOX™ Cluster

Big Compute for Research and Development in Manufacturing

www.drizti.com

SIMPLIFYING HPC

accelerating innovation...

Simulation Engineering
Artificial Intelligence
Machine Learning
Robotics
Finance

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High Performance Computing: Accelerating Innovation

Manufacturing R&D requires optimized and easy to use High Performance Computing to develop innovative products and techniques.

Challenges

Effective use of HPC to accelerate innovation has lagged due to its complexity. There is no platform which makes supercomputing as easy to use as a personal computer.

Ideal Solution

A desktop-centric, workflow enabled cloud HPC Platform with a rich user experience making supercomputing as easy to use as a personal computer.

Desired Outcomes

VPs of Research and Development can facilitate additive manufacturing and introduce innovative new design approaches such as generative design.

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Delivering Personal Supercomputing

Control and Elasticity

- Control project costs by scaling up or down at the pace of changing business requirements and paying for only what you use
- Improve speed-to-market by running jobs in parallel and generating high-quality prototypes with minimal wait time
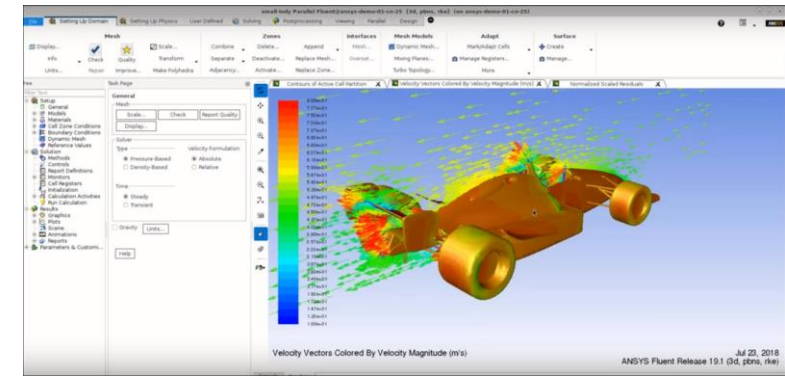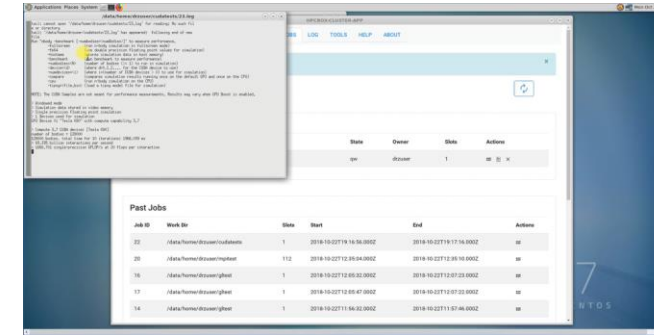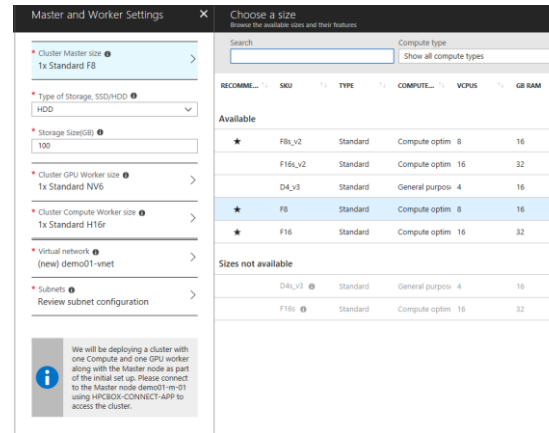
Rich Desktop Experience

- HPC Cloud user experience similar to a personal computer.
- Use your applications with their native GUI and get rid of web page job submission limitations.
- Empower collaboration by enabling distributed teams to work from anywhere.

Intelligent Workflow Capability

- Build and deploy complex HPC workflows using a single platform on Microsoft Azure.
- Enhance product design iteration and optimization by leveraging digital twin with HPC Simulation and Analysis

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HPCBOX™ + Azure

Harness Microsoft Azure's Big Compute Infrastructure through the rich user experience delivered by HPCBOX's desktop-centric workflow-oriented HPC Cloud Platform.

Accelerate innovation by speeding up your application pipelines with Azure's HPC capabilities.

Personal Supercomputing

Every user get's their own personal elastic HPC Cloud resource on Microsoft Azure. Use supercomputing as easily as using your personal computer.

Unified HPC Cloud Platform

One Cloud Platform. Any Application.

Plugin Azure's Big Compute and HPC technology directly into your application pipeline.

Build/Deploy/Visualize

Build and deploy your HPC workflows on Azure with HPCBOX's desktop-centric user experience. Visualize your results with hardware accelerated remote 3D on Azure's N series.

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Let's Talk About Personal Supercomputing with HPCBOX on Azure

Get a free trial: https://www.drizti.com/contact.html

Call for more information: +1-437-886-5384

Ask a question via email: hello@drizti.com

Learn more: www.drizti.com

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