

# JARVICE

HPC Azure Cloud solution for HPC, AI, and Quantum workloads. Gone are the days when supercomputing required massive machines. Today, high-performance computing is available as-a-service, putting supercomputing power within easy reach when needed.

## What We Offer



Simulation, 3D rendering, AI, Machine Learning



Genomics, Biometrics, Simulation, Deep Learning



Security, Government Cloud, Authentication solutions



Rendering, Transcoding, Simulation



Simulation, CFD, EM, EDA, Structural Analysis, Multiphysics

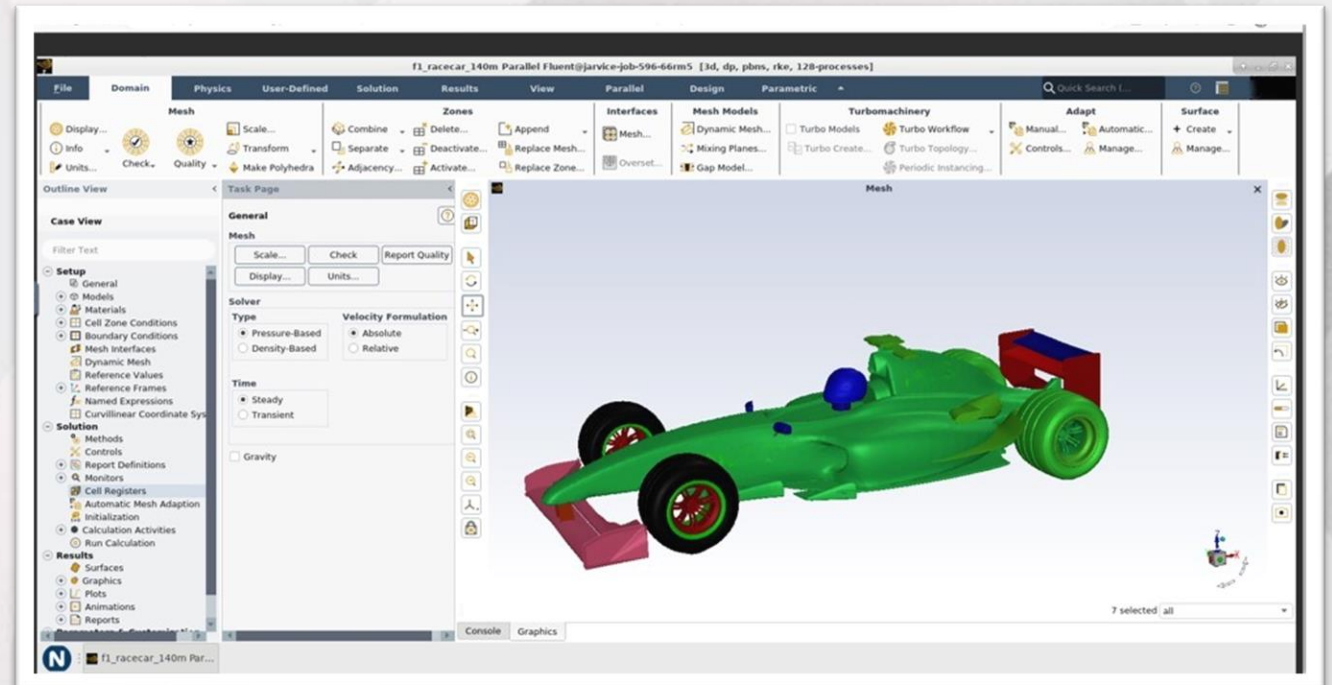
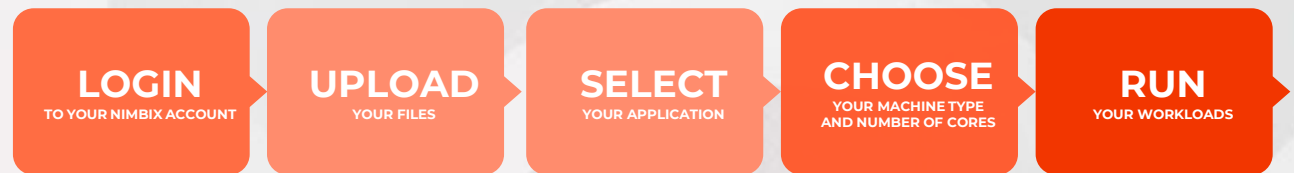


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## How it Works

- The easy button for running HPC workloads with an exceptionally clear and easy-to-use interface
- Download and deploy JARVICE software onto your Azure environment
- Delivers an as-a-service model that provides secure and scalable supercomputing through a single-user interface
- Login and run workloads from any device with on-demand supercomputing

## Execution Strategies and Solutions



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## Customer Outcomes

High-Performance Computing (HPC) as a service to cloud-based approach to alleviating on-prem queues.

Reduce the time and costs of running workloads and constraints of local infrastructure.

## Customer Success

**Company:** Boyd

**Solution:**

- Cut the processing time from days per simulation to mere hours
- To run rapid, simultaneous simulations and accelerate the design and testing phases
- Real-time simulations
- Access to multiple licenses with one click, allowing expanding access to advanced software for analyzing, modeling, and simulating high-frequency electromagnetic field data

**Benefit:**

- Using JARVICE to run simulation software and analyses, the Boyd team identified the ideal design and cooling system for the OsteoCool probe.
- Boyd's accelerated work enabled Medtronic to design and construct the optimal probe solution in just six months.