

# HPCBOX Cluster Big Compute for Design Engineers in Manufacturing

One Cloud HPC Platform. Any Application.



Design Engineers performing Simulation Engineering and Virtual prototyping to accelerate innovation in manufacturing need optimized and easy to use High Performance Computing to deliver results quickly and efficiently.

## What is HPCBOX™?

HPCBOX is a desktop-centric, intelligent workflow cloud HPC platform for automating and executing your application pipelines. It introduces an innovative method of plugging in and optimizing HPC infrastructure right into your application pipeline.



## Why customers use HPCBOX™

- Deliver rich HPC experience to their users on Microsoft Azure
- Faster time to market
- Optimize expenditure on HPC
- Incorporate intelligent workflow capabilities into application pipelines

## Control and Elasticity

- Optimize HPC infrastructure use in real time.
- Really elastic HPC cloud Platform.
- Fine grained control over your HPC cloud infrastructure.
- Lower TCO and operational costs.

## Rich Desktop Experience

- Use your applications with their native GUI, both serial and parallel.
- Hardware accelerated remote 3D.
- No web-forms or web page job submission limitations.
- HPC Cloud user experience similar to a personal computer.

## Intelligent Workflow

- Author complex pipelines harnessing HPC.
- Scale-in/Scale-out HPC as part of your CAE workflow.
- Streamline expenditure on underlying HPC infrastructure.
- Build and deploy your HPC workflows from the same platform.