

Kogence

Democratizing Digital Engineering

Platform Introduction Aug 2018



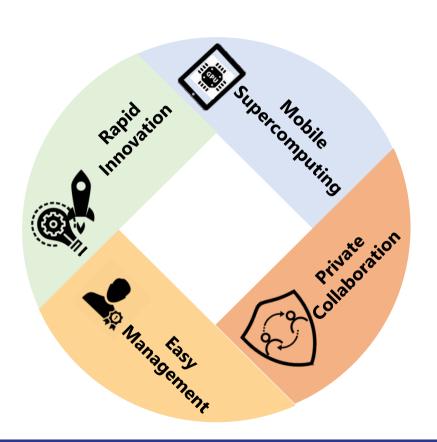






Mission: Democratizing Access to Digital Engineering





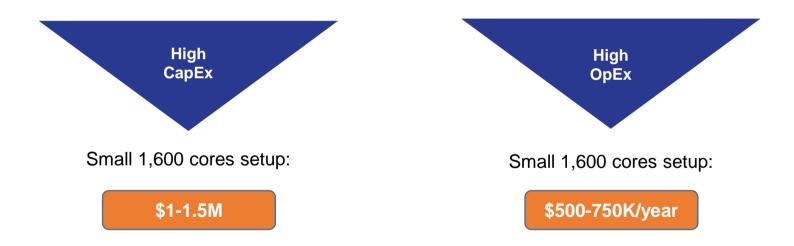
- Truly on-demand, cost effective, personal super computing.
- Easy to manage and provision. No security concerns. No dependencies.

- Use any scientific simulation software with few clicks.
- Searchable enterprise IP repository. Easy to fork and execute with few clicks. Private collaboration.

On-premise HPC Solution is a Financial Commitment

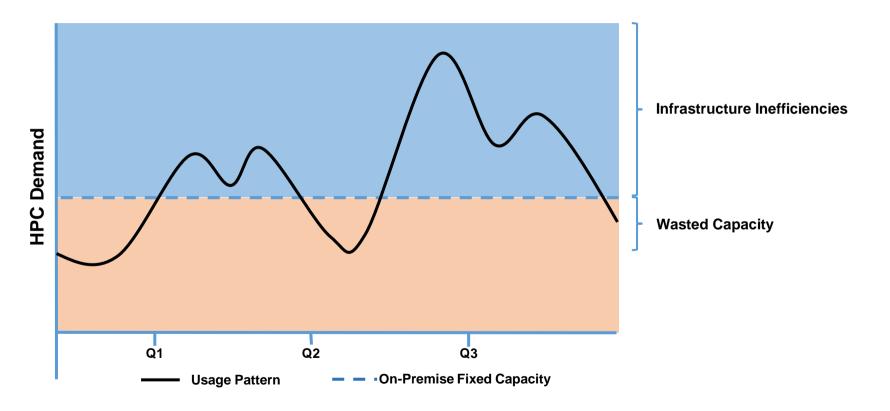


Total yearly cost in excess of \$1 Million



On-premise HPC Solution Introduces Inefficiencies





The Cloud HPC is a Conundrum





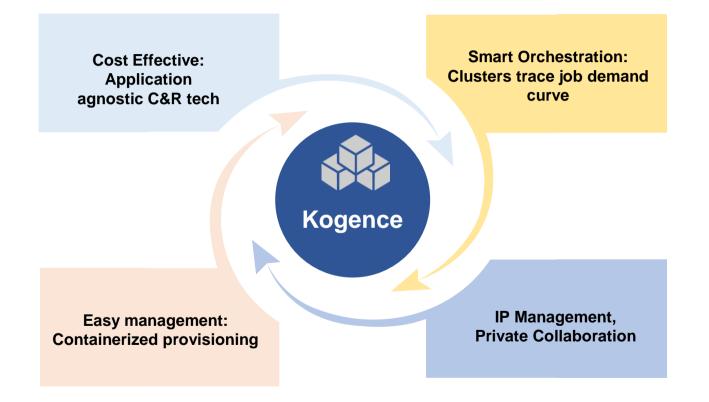
- High OpEx, High Total Cost
 - Complex orchestration
 - Complex provisioning & management
 - Network latency
- Inefficient Collaboration

- No CapEx
- On-demand capacity
- Flexible resource
- No hardware procurement
- Latest hardware on-demand



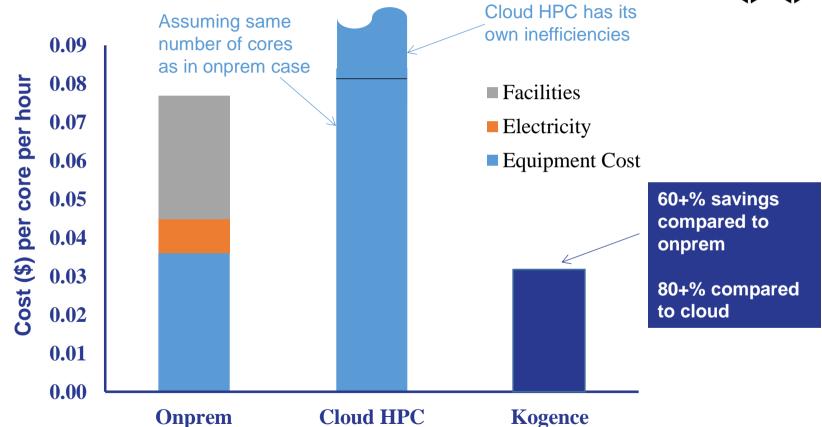
Kogence is Cloud HPC, Evolved





Kogence Technology Enables 60+% Savings





Onprem Vs Cloud Vs Kogence



Onprem Datacenter

1600 Core Cluster **100% Utilization**

60%: \$0.14

\$0.036

/core/hr

+

\$0.044

facilitization

\$0.080

AWS or Azure Ondemand

2vCPU=1Core Compute Optimized

Ondemand

\$0.084

/core/hr

+

U facilitization

\$0.084

Kogence

2vCPU=1Core Compute Optimized

Ondemand

\$0.032

/core/hr

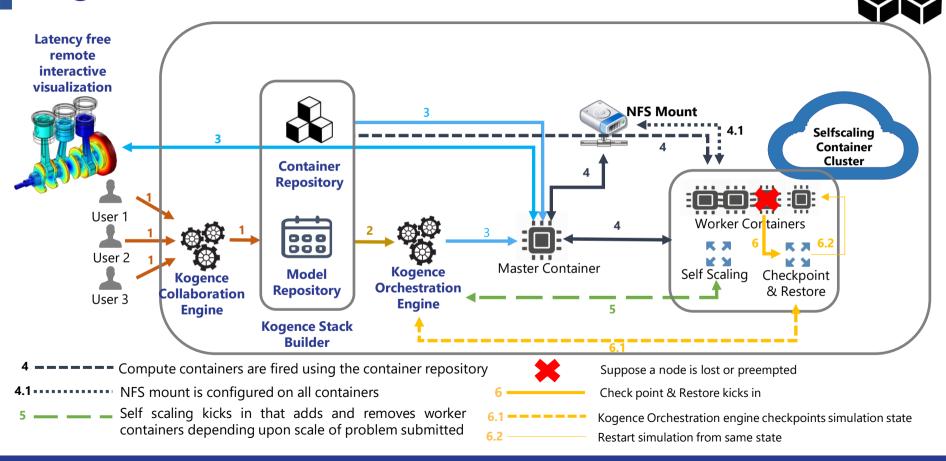


facilitization

\$0.032

No Capex. 60+% Lower Cost.

Kogence HPC Container Cloud Platform



Ready to Use Simulators on Kogence



Technology Integration Partners





All products available

FEA, CFD, Multiphysics











Atomistic, Molecular Modeling













Visualization, Data Analytics, ML/DL













What Does That Mean To User?



Lower Cost

CapEx

100 node cluster: \$1.3M

Total Cost

100 node cluster: \$90k/mo

Risk Barrier

Long term planning

Easy Management

Fast Provisioning

Dependencies

Security

Fast Accommodation

New users

Exploratory projects

Long Lived IP

Remote Pre/Post Processing

Global collaboration

Global central repository

Long Life Span

✓ Upgrades don't kill old models

Searchability

Kogence is a privately deployed platform for each customer



SECURITY AND PRIVACY



Privately deployment platform. Privately hosted, searchable model and container repositories.

Advanced access control. Keep repositories private among collaborators or publish it across enterprise.

Enterprise class layers of security, VPN, firewall config, administrative quotas, controls and solutions.

PRIVATE SETUP

BEHIND ENTERPRISE FIREWALL

PRIVATE ENCRYPTION KEYS

CLIENT SIDE AUTHENTICATION



Thank You!



Head Office

1580 West El Camino Real, Mountain View, CA 94040,



Phone +1 510-516-4399



sales@kogence.com, support@kogence.com



https://kogence.com/app

Ask us for private, no obligation POC

