TotalCAE

Benefits of Managed HPC by TotalCAE

✓ **Reduce Simulation Time by Over 300%**

Flexible high-powered computing means solving complex engineering problems in a fraction of the time.

✓ **Let Us Handle the IT Work**

TotalCAE gives you a team of IT experts on call, letting your engineers focus on their work while we handle the IT including CAE application updates.

✓ **Flexible Solutions**

TotalCAE offers both on-premises HPC and on-demand cloud to match your workload needs.

✓ **Pre-Integrated CAE Applications**

Engineering can run hundreds of CAE applications out of the box for immediate productivity.

✓ **Easy to Use**

Submit jobs in just a few clicks with TotalCAE Portal, command line or Ansys Workbench.

✓ **Easy to Onboard**

TotalCAE University enables new engineers to get up and running quickly.

Contact

TotalCAE
info@totalcae.com
(888) 268-3930

TotalCAE Infinite

HPC Appliance for Ansys Environments

Turn-key, fully managed HPC clusters for CAE

TotalCAE Infinite is a managed High-Performance Computing HPC Cluster and Cloud that helps clients do more higher fidelity simulations faster by making access to HPC easy, affordable, and worry-free.

Cost Effective Solution to Accelerate Ansys Workloads

High Performance Computing (HPC) enables your business to perform high fidelity simulations in less time than workstations, but many companies are challenged in their ability to adopt or realize the full potential of their HPC investment.

TotalCAE Infinite offers a simple, easy to use solution which combines HPC system administration, HPC infrastructure, CAE Software support, and TotalCAE Platform at an affordable cost.

The TotalCAE appliance is delivered pre-configured, just roll it in, plug it into your network to provide easy desktop access for engineers. The system is remotely managed by TotalCAE, with updates installed and user support included.

Benefits

✓ **Enable More Engineering Throughout**

Get more work done in less time by speeding up your CAE simulations and taking advantage of batch scheduling to maximize utilization of your Ansys licensing.

✓ **Peace of Mind**

This turnkey system is fully managed in your data center by TotalCAE HPC and CAE IT experts so you can focus on engineering, and not IT.

✓ **Flexibility and Agility**

The system components support a range of Ansys applications and workloads, which can be adapted and expanded to meet changing requirements. Access to on-demand cloud is also provided by TotalCAE for maximum agility.

Visit http://www.totalcae.com/ansys for more information to get started with TotalCAE Infinite Appliance for Ansys.

What's Included

✓ Integrated HPC Cluster

1 head node, compute nodes for your Ansys workloads, high-performance InfiniBand networking, plus TotalCAE Platform with job scheduler, web-based submission, capacity planning and analytics, and remote visualization.

✓ Remote Install and Onsite Deployment

The cluster is remotely configured and delivered ready to run in your data center. Run jobs within minutes of being delivered and turned on.

✓ Ongoing Remote Management with TotalCAE IT Support Team

TotalCAE includes proactive monitoring and automatic remediation of issues detected by TotalCAE health checks. TotalCAE takes care of all Ansys application and license server installation and updates, as well as TotalCAE web portal, job scheduler, and reporting tools management upkeep. All TotalCAE solutions include our dedicated TotalCAE IT support with 2-hour response times, and global support available.

✓ Simple Onboarding and Training of New Users

TotalCAE University enables simple onboarding and training of new engineers to get up and running quickly with the solution. TotalCAE support portal includes answers to common questions, and enables engineers to get quick help to keep up and working productively.

Included Hardware and Services

Optimized HPC Hardware for Ansys	**TotalCAE will configure the optimal HPC solution for your Ansys application mix.**
TotalCAE Platform and CAE Applications	**TotalCAE takes care of installing and updating new CAE application versions. Full Ansys Suite of applications and other 3rd party CAE software installed and managed by TotalCAE. (Licenses Provided by Client.)** **TotalCAE Portal, TotalCAE job scheduler, TotalCAE Analyzer Reporting and Analytics, TotalCAE Viz all pre-integrated and configured to meet client requirements.**
On-site Delivery and Start-Up Training	**Delivery, installation, and on-site testing by TotalCAE; training on usage of the system.**
Remote HPC and Application Management Support	**Complete remote management and support for the appliance provided by TotalCAE.**
Financing	**Lease or buy appliance and annual TotalCAE subscription.**
User Onboarding	**Include access to TotalCAE University for simple user onboarding to get users up and running quickly and productively.**
Access to On-Demand Cloud	**TotalCAE offers an identical interface and support in your company cloud subscription to provide access to on-demand hardware.**

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