ALTAIR UNLIMITED PRIVATE CLOUD APPLIANCE FOR CAE

Altair Unlimited™ is a turnkey, state-of-the-art private appliance, available in both on-premises and cloud-based formats. Altair Unlimited delivers unlimited use of a wide range of Altair HyperWorks™ solver software for simulating mechanics, fluids, electromagnetics, and more — including modeling, visualization, and optimization.

To keep it all working at maximum efficiency, industry-leading HPC resource management technology and user-friendly web portal tools including Altair® PBS Professional® and Altair Access™ are included with every system. Altair Unlimited boxes up software, system administration, and infrastructure as a service into a single, intuitive platform.

Benefits

Robust Design Capabilities: Altair Unlimited includes unlimited Altair units within the appliance, paving the way for massive virtual exploration.

Simple to Deploy and Scale: This turnkey system is designed for simple deployment. Installation takes hours, vs. days or weeks for traditional HPC solutions. Scale between a physical on-premises appliance and a virtual appliance in the cloud as needed.

Powerful Workload Management: PBS Professional and Access deliver a modern, intuitive framework for resource provisioning, workload management and scheduling, and remote visualization, notification, and collaboration.

Third-party Solver Support: We built Altair Unlimited with an open architecture so you can use third-party solvers in a bring-your-own-license model.

Who Needs Altair Unlimited?

- Small firms can now perform engineering and simulation at scale once only available to OEMs without the need for extensive capital and IT. HPC capabilities are democratized so that everyone can engage in design of experiments (DOE) and become more competitive in a matter of minutes.
- Medium-sized businesses can expand their HPC resources because they are no longer constrained by solver licenses.
- Larger organizations with distributed regional engineering centers, who would otherwise have no local HPC compute resources or support, can quickly add new and additional capacity with local support at the department level.

Hardware bundles are based on Dell PowerEdge 14th-generation servers with Intel® Xeon® Scalable processors.

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Learn more at
altair.com/altair-unlimited