



HPC AND CLOUD

altair.com/hpc-cloud

In the data center and in the cloud, Altair's industry-leading HPC tools let you orchestrate, visualize, optimize, and analyze your most demanding workloads. Explore further with powerful engineering and analytics tools in the Altair One platform for dynamic, collaborative access to simulation and data analytics technology and scalable computing resources, all in one place.

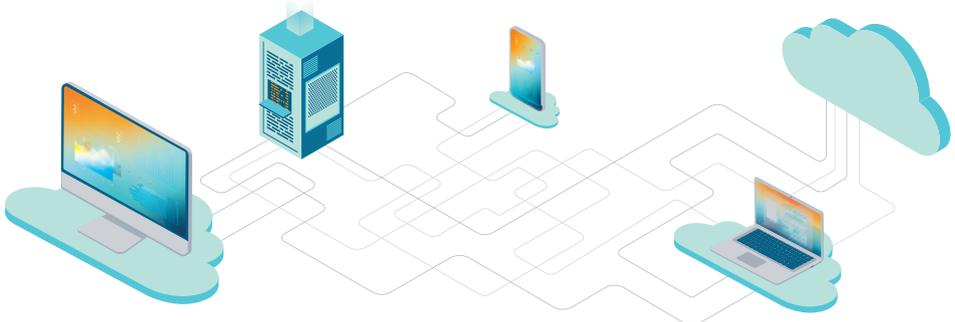
WORKLOAD MANAGEMENT

The Altair PBS Works™ suite includes industry-leading workload manager Altair® PBS Professional®, designed to improve productivity, optimize utilization and efficiency, and simplify administration for HPC clusters, clouds, and supercomputers. Get maximum throughput for EDA jobs with Altair Accelerator™, an enterprise-grade scheduler capable of running millions of jobs per day. For advanced design flow development and execution, Altair FlowTracer™ optimizes compute resources.



HPC USABILITY & REMOTE VISUALIZATION

Altair Access™ frees scientists, researchers, and engineers from technology headaches so they can focus on their core work and spend less time learning how to run applications and moving data around. Access provides a simple, powerful, and consistent interface for submitting and monitoring jobs on remote clusters, clouds, and other resources. Remote visualization and collaboration capabilities bring access to expensive, high-end 3D visualization datacenter hardware right to the user.





LICENSE MANAGEMENT

Visualize, analyze, and optimize utilization of enterprise-wide software from anywhere with Altair SAO. Right-size your organization's software portfolio using real data and 70+ reports to make informed business decisions. Or choose Altair Monitor™, a license tracking tool that gives users and administrators real-time insight into software license availability, usage, job status, and more. The Altair Allocator™ multi-site license allocation and management tool maximizes license usage through sharing.

CLOUD BURSTING

Say goodbye to peak-time workload conflicts with Altair Control™, the HPC administrator's control center for managing, optimizing, and forecasting HPC resources on-premises and in the cloud. Altair Control has seamless cloud bursting capabilities, along with advanced analytics to support data-driven planning and decision-making. Quickly, easily, and securely burst to different cloud platforms including Oracle Cloud Infrastructure, Google Cloud Platform, Microsoft Azure, and Amazon Web Services (AWS).



TURNKEY HPC

Altair Unlimited™ boxes up software, system administration, and infrastructure as a service (IaaS) into a single, intuitive platform. This state-of-the-art private appliance is available in both on-premises and cloud-based formats. It delivers unlimited use of a wide range of Altair HyperWorks™ solver software for simulating mechanics, fluids, electromagnetics, and more, plus PBS Works to keep it all running with maximum efficiency.

ALTAIR ONE™

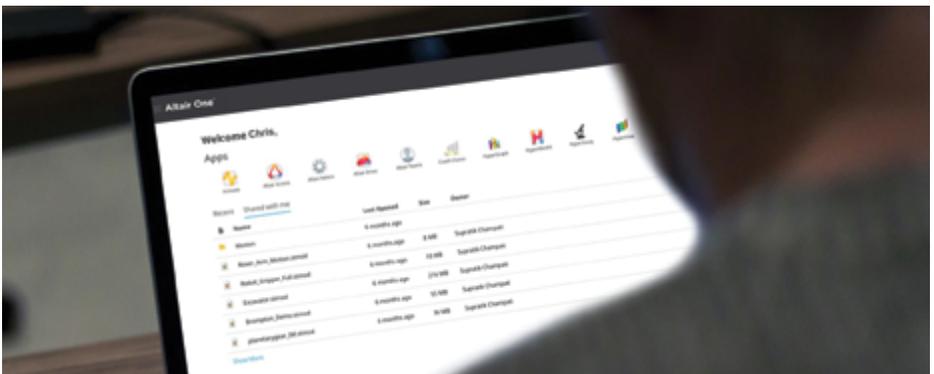
Explore further with Altair One, a turnkey platform that brings together powerful engineering and analytics tools and scalable computing resources, all in one place. With Altair One you get dynamic, collaborative access with a central data repository. Provision scalable resources in the cloud or on-premises through a single pane of glass, run cloud versions of your favorite software, and run simulation jobs in the cloud. Accelerate discovery with unlimited access to all the software and HPC resources you need.

Learn how Altair can help you
altair.com/hpc-cloud

Altair HPC/Cloud Partners

Altair maintains close business partnerships with major hardware vendors including HPE, Fujitsu, Intel, NVIDIA, and more, providing key integrations at the hardware/OS level. Altair also works closely with cloud partners including Microsoft Azure, Amazon AWS, Google GCP, and Oracle OCI. With decades of industry expertise and through our direct partner relationships, Altair helps customers navigate industry trends, avoid vendor lock-in, and embrace new technology to drive business forward.

[Learn More](#)



POWERING INNOVATION FOR OVER 2,000 ENTERPRISE COMPUTING CUSTOMERS ACROSS THE GLOBE.



Altair Accelerator's scheduling speed is 10x that of the competitive solutions we have evaluated.

Inphi Corporation



Ultimately, the cost savings to the government is huge.

Savings are achieved through reduced hardware costs, reduced staffing requirements, reduced security maintenance and other costs, licensing fees, and more.

**Joseph Swartz, Program Chief Scientist
Lockheed Martin**



Altair is a global technology company that provides software and cloud solutions in the areas of simulation, high-performance computing (HPC), and artificial intelligence (AI). Altair enables organizations across broad industry segments to compete more effectively in a connected world while creating a more sustainable future.

To learn more, please visit altair.com



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