



THE #1 HPC AND CLOUD PLATFORM FOR ANY CHALLENGE, ANYWHERE

Altair® HPCWorks® is the only complete high-performance computing (HPC) and cloud platform that addresses every dimension of HPC in any industry, harnessing the power of AI, cloud scaling, and monitoring to streamline HPC administration. Powerful computing enables discovery, and Altair HPCWorks makes high-performance and cloud computing fast, efficient, and productive — for on-premises resources, cloud resources, or a hybrid mix. Altair HPCWorks powers the world's most critical HPC and high-throughput workloads in science, manufacturing, chip design, and more.

Powerful Computing Enables Discovery

Altair HPCWorks solutions optimize computing and empower users with tools that let them focus on their core work, whether your organization runs a small cluster, computes in the cloud, or maintains one of the world's largest data centers.

Because not all workloads are the same, Altair HPCWorks is built with an open architecture and the flexibility to handle a wide variety of computing requirements. Users can collaborate from anywhere, control costs, move seamlessly between on-premises and cloud resources, and make better decisions with detailed monitoring and reporting. With Altair HPCWorks you can expertly manage IT complexity, enable the latest AI workloads, and align work with business priorities using features including cost controls, failure mitigation, and remote visualization.

AI for HPC and HPC for AI

Altair tools are designed with complex AI workloads in mind, with broad support for GPUs and Kubernetes. Altair HPCWorks solutions streamline AI without additional costs. In addition to supporting AI, Altair solutions use AI integrations to enhance performance, simplify job submission, and cut wait times by 10-15%.

Converging Technologies

The convergence of HPC with simulation and data analytics is creating even more opportunities to innovate and partner with users and industry collaborators to deliver the latest technology and develop tomorrow's game-changing innovations.



By partnering with Altair, we implemented a brand-new HPC cloud architecture in just a few weeks without impacting users' work. The new infrastructure enables our team to get critical engineering work done quickly and efficiently without the headaches of operating an on-premises data center.

Mauro Bighi, CIO PUNCH Group

Discover More At:
altair.com/hpcworks





Optimized Workload Management and HPC Administration

Altair HPCWorks gives HPC and IT administrators all the tools they need to efficiently manage an enterprise-wide computing environment. It's the only complete HPC and cloud platform built to handle every aspect of efficient, optimized computing — including hybrid, distributed, and mixed HPC, high-throughput, and AI workloads — with an open architecture that makes it easy to use third-party applications. Users can optimize workload management and job scheduling, control costs and software licensing, and easily scale to the cloud.

Advanced HPC and Cloud Reporting

Altair HPCWorks solutions give you all the tools you need to track computing performance and make accurate, data-driven decisions. Users get comprehensive HPC cluster visibility and can connect with Altair's data analytics solutions for full data analytics monitoring and AI-powered insights. Altair HPCWorks includes detailed, unified system and usage reporting, cloud and hybrid support with centralized access and spending control, and comprehensive job monitoring and analysis.

Mission-Critical Dependency Management and Flow Visualization

Visualize and analyze complex flows to identify dependencies and optimize complex workloads, on-premises and in the cloud. Simplify flow development through standardization, and easily identify errors and root causes to improve reliability. Altair HPCWorks facilitates seamless collaboration, increasing productivity and accelerating turnaround time.

License Optimization and Intuitive User Portals

Real-time usage analytics and high-performance workload management integration delivers optimal value from software assets. Altair's intuitive user portal enables users to submit, monitor, interact, and extract results from compute infrastructure through an intuitive, low-friction interface, simplifying access for non-IT users.



Altair HPCWorks powers the world's most critical HPC and high-throughput workloads in science, manufacturing, chip design, and more.

**THE ONLY COMPLETE HPC AND CLOUD
PLATFORM THAT ADDRESSES EVERY
DIMENSION OF HPC IN ANY INDUSTRY**