



Altair PBS Works™ • Accelerating Innovation in the Cloud™

Joe Sorovetz, Senior Vice President, Enterprise Solutions



ALTAIR AT A GLANCE



Founded **1985**
Headquartered in Troy, MI US

71 offices
in 24 countries

\$333M
2017 Revenue

50+
ISV partners under our unique,
patented licensing model



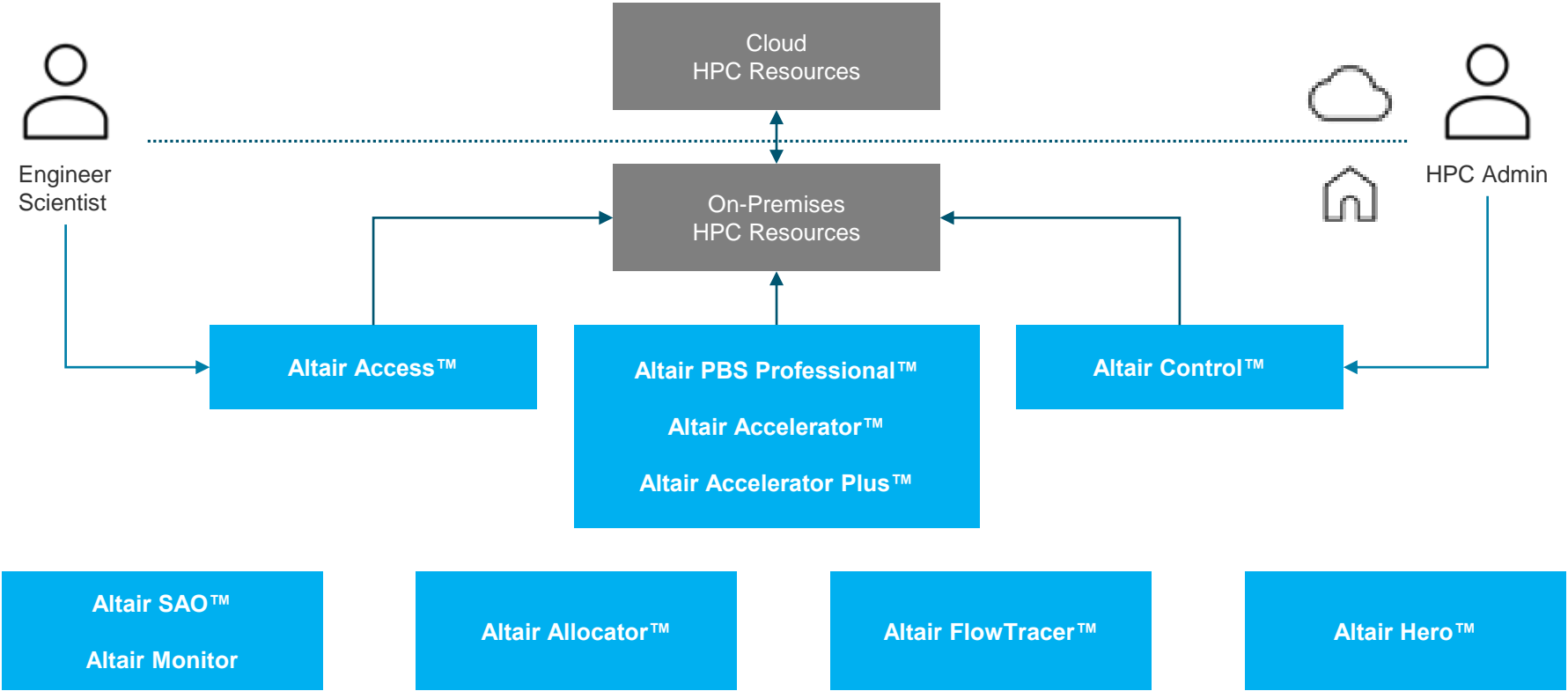
2000+
Engineers, scientists and creative thinkers

5000+
Customer installations globally

60,000+
Users



ALTAIR PBS WORKS™



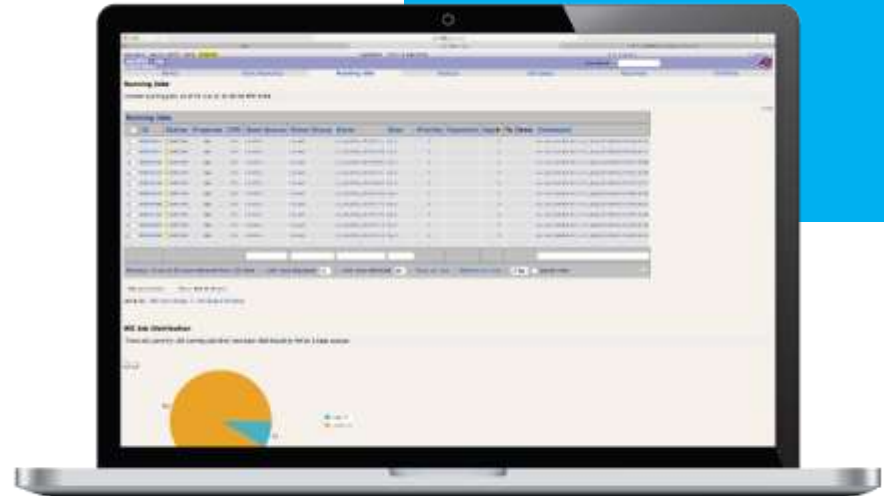
INDUSTRY-LEADING WORKLOAD MANAGEMENT

- Smart scheduling across broadly distributed resources
- Hierarchical scheduling (10x improvement)
- High throughput and optimized resources utilizations
- Million-core scalability
- Market-leading security
- Green provisioning
- Cloud bursting
- GPU and co-processor scheduling

Altair PBS Professional™

Altair Accelerator™

Altair Accelerator Plus™

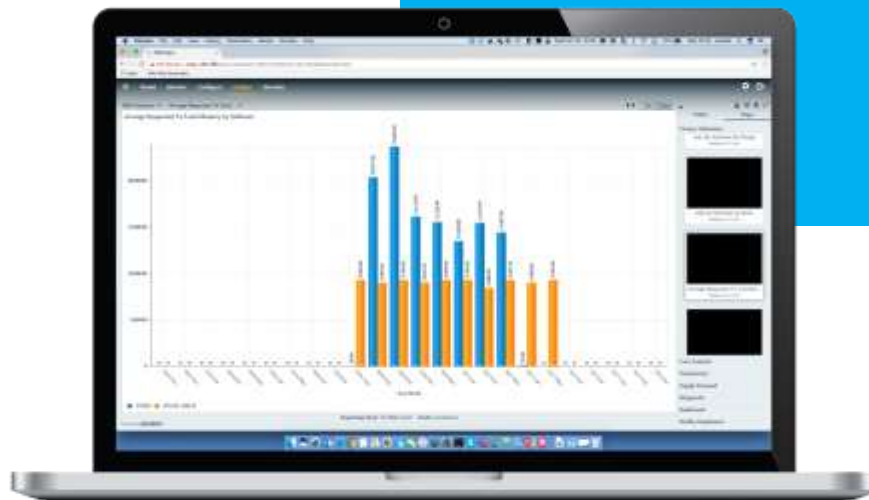


RE-INVENTING THE HPC EXPERIENCE

- Simple and powerful user portal for desktop, web, and mobile
- Secure job submittal and end-to-end monitoring
- 3D Remote Visualization and collaboration
- Single pane of glass admin toolset to manage clusters & cloud appliances
- Real-time monitoring and reporting
- Workload simulator to optimize infrastructure sizing
- Multi-cloud bursting for peak loads
- One-click appliance deployment

Altair Access™

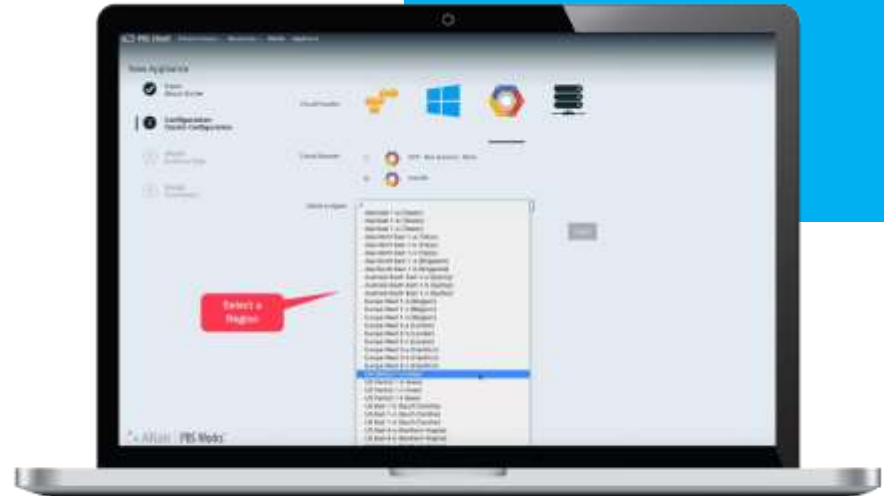
Altair Control™



CLOUD COMPUTING SIMPLIFIED

- On-demand use of cloud resources to maximize efficiency
- On-premises utilization awareness for responsive and cost-efficient bursting
- Automatic governance and cost control through site-defined policy and quotas
- No vendor lock-in
- +1,000 nodes in minutes

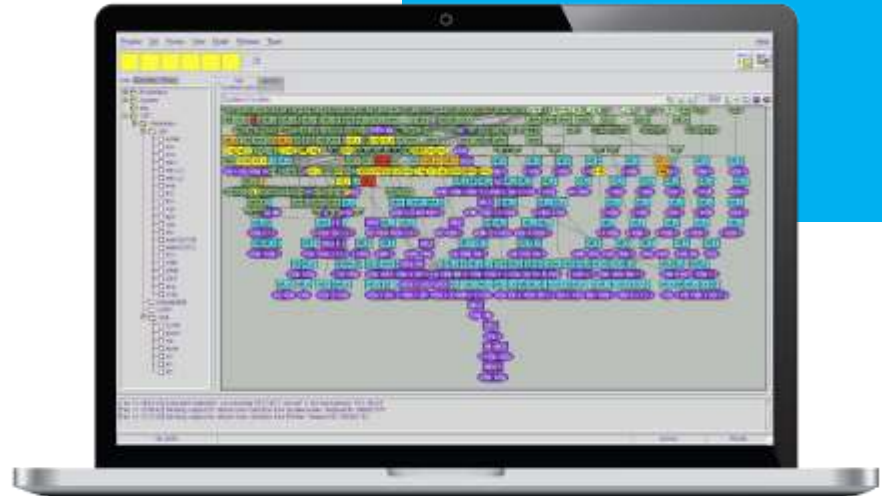
Altair Control™



MISSION CRITICAL DEPENDENCY MANAGEMENT

- Platform for developing, executing design flows
- Reduces design risk & cost
- Accelerates time to market
- Dependency awareness
- Parallel execution
- Scalability and capacity
- Flow development
- Faster debug

Altair FlowTracer™



ASSET MONITORING FOR OPERATIONAL IMPACT

- Software license monitoring & management
- Optimizes license mix
- Reduces license cost
- Multi-site license allocator
- Real-time license adjustments
- Visibility into license allocations & usage
- What-if simulator

Altair SAO™

Altair Monitor™

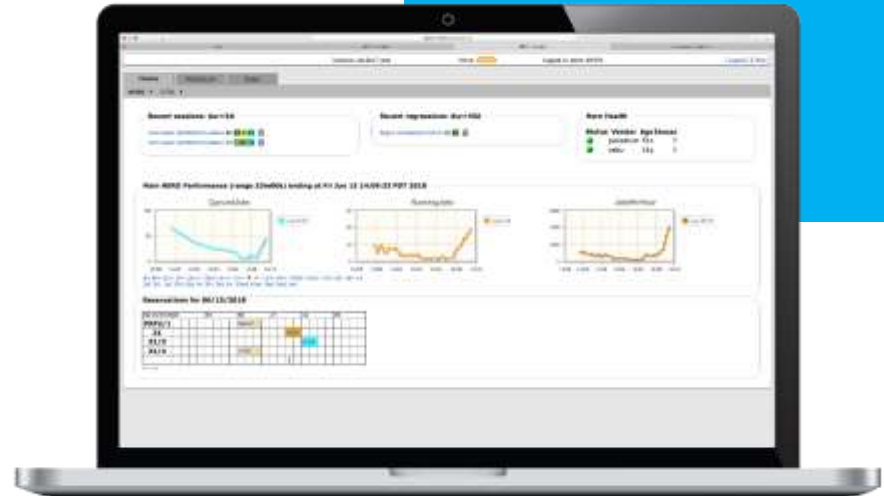
Altair Allocator™



END-TO-END HARDWARE EMULATION

- High-performance scheduler for hardware emulation
- End-to-end solution: compilation, emulator selection, & regression
- Emulation specific metrics for greater visibility into hardware assets
- Compilation & Synthesis
- Emulator Selection
- Regressions & Verification

Altair HERO™



HPC APPLIANCES

- Engineered for simplicity and performance
- HPC stack packaged and configured together, ready to use on day one
- Secure HPC platform either on-premise or off-premise to run, monitor and manage simulations and computing needs
- Delivered as a turnkey system, loaded with Altair HyperWorks™ applications
- Preconfigured with Altair PBS Works™ suite to create the ideal user experience
- Simplified IT administration

SUPPORTED CLOUD PLATFORMS



Altair HyperWorks Virtual Appliance

Altair HyperWorks Physical Appliance

