Altair Elevates the Cloud High-Performance Computing Experience with the Release of Altair PBS Professional v18

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TROY, Mich., June 27, 2018 (GLOBE NEWSWIRE) -- Altair (Nasdaq:ALTR) has released Altair PBS Professional^{TM} v18, a powerful new version of the industry-leading workload manager and job scheduler delivered through the Altair PBS Works™ platform for high-performance computing (HPC) environments. Release highlights address the highest priorities for organizations who rely upon HPC: scalability, performance, robustness and security.

"Altair PBS Professional v18 brings vital commercial support for industry leading workload management to the rapidly growing ARM HPC ecosystem," said Larry Wikelius, Vice President Software Ecosystem and Solutions Group at Cavium™, Inc. "Cavium's ThunderX2® processor is the industry's most widely adopted ARM®v8-A Server Processor and Altair PBS Professional v18 will address the most demanding end-user operational requirements for ThunderX2 based platforms from entry level clusters to exascale systems."

Altair continues to reimagine the entire HPC user experience to accelerate innovation through the development of the Altair PBS Works software platform. The platform consists of highly integrated applications to connect users and administrators more closely with HPC resources to maximize utilization and efficiency. Altair PBS Professional is at the core of this platform offering to manage and optimize job scheduling by intelligently balancing productivity and efficiency. Altair PBS Professional is flanked by role-based applications Altair Control™ tailored to the needs of HPC administrators and Altair Access™ for the end-user community. With Altair Access, user communities across the enterprise can easily access local, distributed and cloud HPC resources through a single, intuitive user experience. Altair Control™ delivers a unified web interface for HPC administrators to control HPC resources, clusters, supercomputers, and Clouds — to configure, monitor, troubleshoot, report, analyze, cloud burst, and even perform what-if simulations to right-size hardware expansion.

"The best software tools are fast, reliable and secure, while delivering an open architecture that provides access to best-in-class technology across the whole ecosystem," said Dr. Bill Nitzberg, CTO for Altair PBS Works. "Altair PBS Professional v18 truly delivers on this vision with a deep set of new features that improve performance, increase utilization, ease administration, and also supports the most promising new solutions in the HPC ecosystem - containers, cloud bursting, the ARM platform, etc. This is a great release."

Please visit http://pbsworks.com/2018webinar for a full list of release highlights, new features and to register for an upcoming Altair PBS Professional roll-out webinar.

About Altair (Nasdaq: ALTR)

Altair transforms design and decision making by applying simulation, machine learning and optimization throughout product lifecycles. Our broad portfolio of simulation technology and patented units-based software licensing model enable Simulation-Driven Innovation™ for our customers. With more than 2,000 employees, Altair is headquartered in Troy, Michigan, USA and operates 71 offices throughout 24 countries. Altair serves more than 5,000 customers across broad industry segments. To learn more, please visit www.altair.com.

Media Contacts Altair:

Corporate / Americas/ Asia Pacific
Biba A. Bedi
+1.248.614.2400 x 392
biba@altair.com

Altair Europe/ The Middle East/Africa
Evelyn Gebhardt
 +49 6421 9684351
gebhardt@bluegecko-marketing.de

 Primary Logo

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