



**Altair**

Innovation Intelligence®

# **Optimizing Cloud and HPC Technologies Via a Disruptive Business Model for Advanced Simulation**

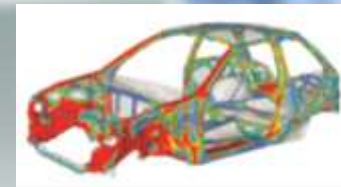
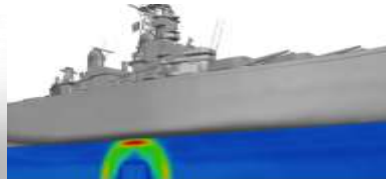
**Rob Walsh**

**Vice President of Business Development**

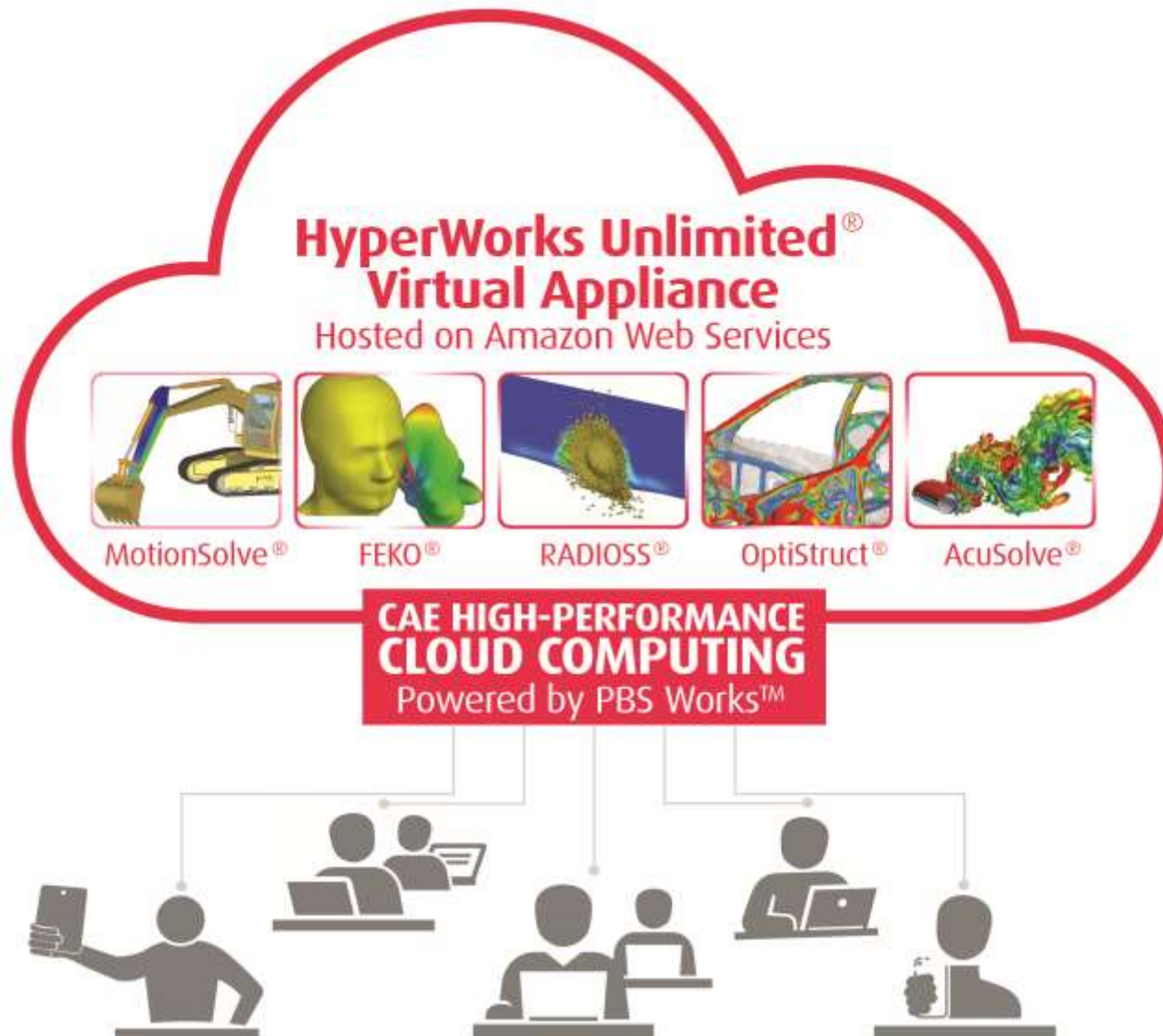
## What is HyperWorks Unlimited?

Fully managed, high-performance computing appliance with unlimited use of Altair's entire HyperWorks simulation suite

- Fully integrated: Plug and play cluster, ready to use
- Single vendor: Streamlined hardware and software setup/support
- Innovative pricing model: Unlimited use of Altair products plus access to Partner software-- grow your business without adding operating expense
- Infinite exploration: Massive large-scale virtual exploration
- Increased throughput: PBS Works maximizes performance of CAE job
- Third party solver support: Open architecture allows integration of third party solvers -- BYOL (bring your own license) model



# HyperWorks Unlimited Virtual Appliance



## What This Means to End Users?

“Altair’s engineering leadership was a key factor in the decision. We wanted a supplier who understood both the CAE applications and the underlying HPC fabric – no other single vendor has the expertise we needed in both areas.”

--Andreas Syma, Director of Global Computer Aided Engineering, Stanley Black & Decker



“With HyperWorks Unlimited we’re able to optimize our tailor rolled applications more efficiently than we ever could before.”

--Björn Scholemann, Head of CAE Tailor Rolled Blanks, Mubea



“HWUL works very well, with a very high performance level for Radioss jobs (beyond her expectations)!”

--Karine Thorat-Pierre, CEO, CEDREM



“With HWUL we can achieve 12 iterations per day/night, previously we could only do 6-8 per week. This is because we are not bound by hardware or software. It’s incredibly easy to use.”

--Stewart Dewey, FEA Specialist, Vertu

