

PBS Works

The #1 Software for HPC Workload Management

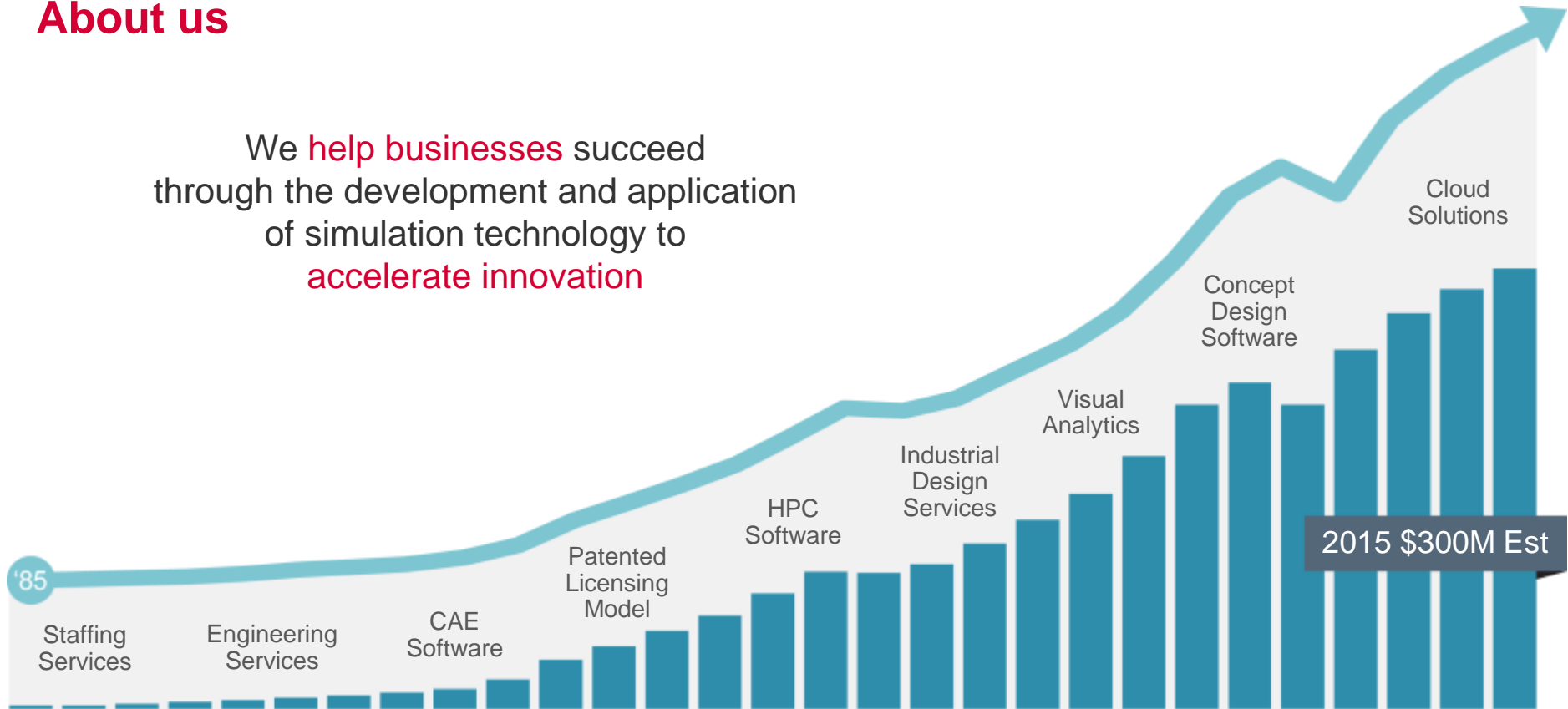
IDC HPC User Forum

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About us

We **help businesses** succeed through the development and application of simulation technology to **accelerate innovation**



2015 \$300M Est

All Across the Globe

45+ offices in **22** countries on
6 continents with over **2,000** engineers,
scientists, developers, designers
and creative thinkers

Altair is the Only Company That...

...**makes** HPC middleware:



...**develops** HPC applications:



...and **uses** these to do HPC every day:



HPC works better with Altair



Powerful, reliable products. Unbeatable service and support.

The Core of Our Business

Software



HyperWorks®

Engineering simulation and performance optimization technology



solidThinking®

Design, cloud BI, manufacturing, systems development Technology



PBS Works™

HPC job scheduling, management, monitoring and reporting technology



Cloud Solutions

Physical and virtual CAE appliances, public/private management, user portal tools



Partner Alliance

Partner applications enabled through Altair's software licensing model

#1 Platform Provider for High-end Simulation and Optimization; Fastest Growing Overall

Not Just Another Software Developer

Services



Product Design

Product engineering
and development consulting



Thinklabs

Human-centered industrial
design and product
strategy consulting



Technical Staffing

Design, engineering, software
development, HPC and
IT workforce talent



Enterprise Solutions

Tailored industry applications,
custom automation solutions and
packaged solution offerings



Centers of Excellence

Focused 'skill centers of excellence'
where a combination of client and
Altair domain experts collaborate

Largest Simulation-focused Consultancy in the World

We Build Software for Your:

End Users



Easy

Visualization & Management Portals

- Compute Manager
- Display Manager

Systems



Fast | Reliable | Streamlined

Workload Management & Job Scheduling

- PBS Professional

Managers



Transparent | Agile

Analytics & Reporting

- PBS Analytics
- Software Asset Optimization

PBS Professional is Open Source

Altair has made a BIG investment and has opened the full core of PBS Pro - not just a weak subset or older version

- Marry community innovations & enterprise expertise
- Accelerate innovations and adoption for both
 - Stop re-re-re-inventing the wheel!
- Dual licensing: commercial & OSI open source
 - No change for commercial users
 - Share a common core
- Aggressively open and community oriented
 - OpenHPC founding member
 - Using community-accepted practices for a viable, sustainable community



pbspro.org

Altair & UNLV

Altair and UNLV have partnered together to provide a ubiquitous cloud solution.

- More than just a cloud for simulation cycles – it's a colocation cloud environment to purchase
- Create and use **customized HPC appliances**, **pay less** for it, and **obtain results faster** than any other IaaS providers all while having support options
- Efficient environments are capable of handling **all** types of workloads up to and including HPC
- Use HyperWorks Unlimited – available in both physical and virtual formats, offering unlimited use of Altair's software



Why Altair for HPC?

User-Focused Vendor

- Industry leader in user satisfaction
- Easy to work with, from execs to engineers
- Global support with experts in 22 countries

Respected Leader

- Proven for 30 years
- Thousands of clients
- Staff of seasoned experts and thought leaders

HPC Expertise

- Only vendor to create – and also use – both HPC middleware and applications
- Reliable products engineered by HPC experts who understand user needs

Strong Partnerships

- High-level relationships ensure clients get industry-leading quality
- Close collaborations for seamless, well-documented integrations



“Altair’s expertise and dedication to success is unbeatable.”

–Weizmann Institute

Visit us at Supercomputing 2016



Join Altair at SC'16

November 14-17

Booth #1180

Free workshops, tutorials, talks, demos... and much more!

Thank You