Altair & FUJITSU:
Introducing FUJITSU Software HPC Cluster Suite with PBS Professional

Altair and Fujitsu: Leaders in HPC

FUJITSU Software HPC Cluster Suite

+ **Altair** PBS Professional

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Industry-Leading Cluster Management

Altair Knows HPC

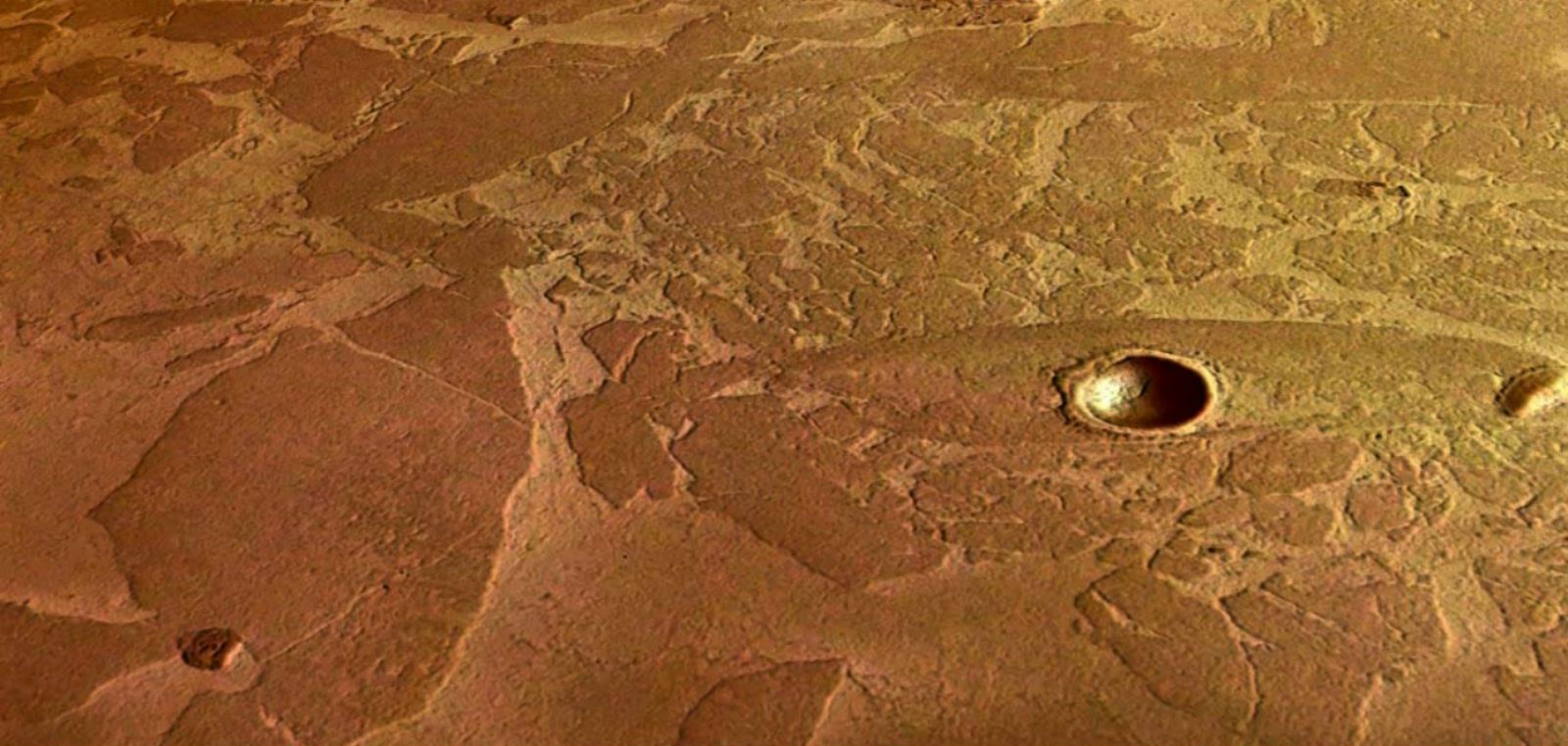*Altair is the only company that:*

makes HPC tools…

PBS Works™

develops HPC applications…

HyperWorks

…and ***uses*** these to solve real HPC problems

Altair® ProductDesign

Get FUJITSU Software HPC Cluster Suite with PBS Professional

Case Study: NCI Raijin

- **Largest Supercomputer in Southern Hemisphere**
  - >3500 nodes
  - >57,000 cores
  - Peak performance 1.2 PFlops
  - Supporting 100,000 jobs/day
- **FUJITSU PRIMERGY x86 HPC Cluster**
- **Altair PBS Professional and PBS Analytics**
- **Custom-built accounting and allocation management system**
- **In production 17th June 2013**

PBS Professional on Fujitsu:
Advanced HPC Cluster Management

- ✓ **Superior job scheduling**
- ✓ **High availability**
- ✓ **Support for multiple clusters at single site**
- ✓ **Easy transition from workstations**
- ✓ **Expert global support**

"PBS Professional is the default product for commercial-grade workload management.

– **GM of Global HPC, Fujitsu**

Get FUJITSU Software HPC Cluster Suite with PBS Professional

PBS Works: HPC Resource Management

Easy to Use
Portals

Hard to Break
Infrastructure

Do More (with less)
Scheduling

Keep Track and Plan
Analytics

Open Architecture
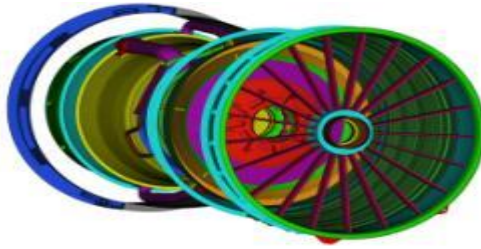**Web / Cloud**

PBS Works™

PBS
Professional®

PBS
Analytics™

Integrated with **FUJITSU HPC Gateway**
web user environment – for simplified HPC
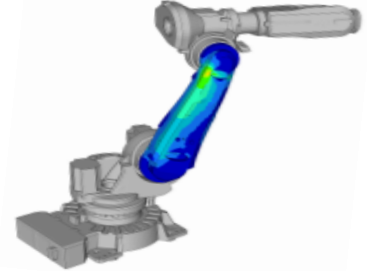
HyperWorks: Simulation Excellence

For More Information

- **Visit Altair's booth at SC13**
  - Booth #2513
  - See live demos of PBS Professional

- **Learn more online**
  - www.altair.com

- **Contact us**
  - Piush Patel: ppatel@altair.com

Altair

Innovation Intelligence®

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