Maximum HPC Cloud Flexibility

HYBRID MULTI-CLOUD HPC

Are you looking for an on-demand cloud-based HPC Solution, that allows maximum flexibility by allowing you to use multiple service providers in parallel?
We have developed a multi-cloud solution to meet this specific need.

HOW IT WORKS

Our solution leverages the Altair® PBS Works™ platform, putting it at the centre of an HPC infrastructure capable of integrating multiple cloud platforms simultaneously.
We analyse and benchmark your software and your workflow against the different cloud platforms, and highlight the most efficient and effective software/cloud combinations in terms of cost/performance. Based on the results of these benchmarking activities, we then implement and optimise the multi-cloud solution of your choice.

WHY CHOOSING AN HYBRID MULTI-CLOUD HPC SOLUTION

Minimize the impact of any potential lock-in mechanism put in place by the cloud providers.

Maximize the ROI in software and compute nodes.

Our Solution is optimized for both hybrid and cloud-only environments.

Leverage always the most effective and efficient cloud platform for your software and workloads.

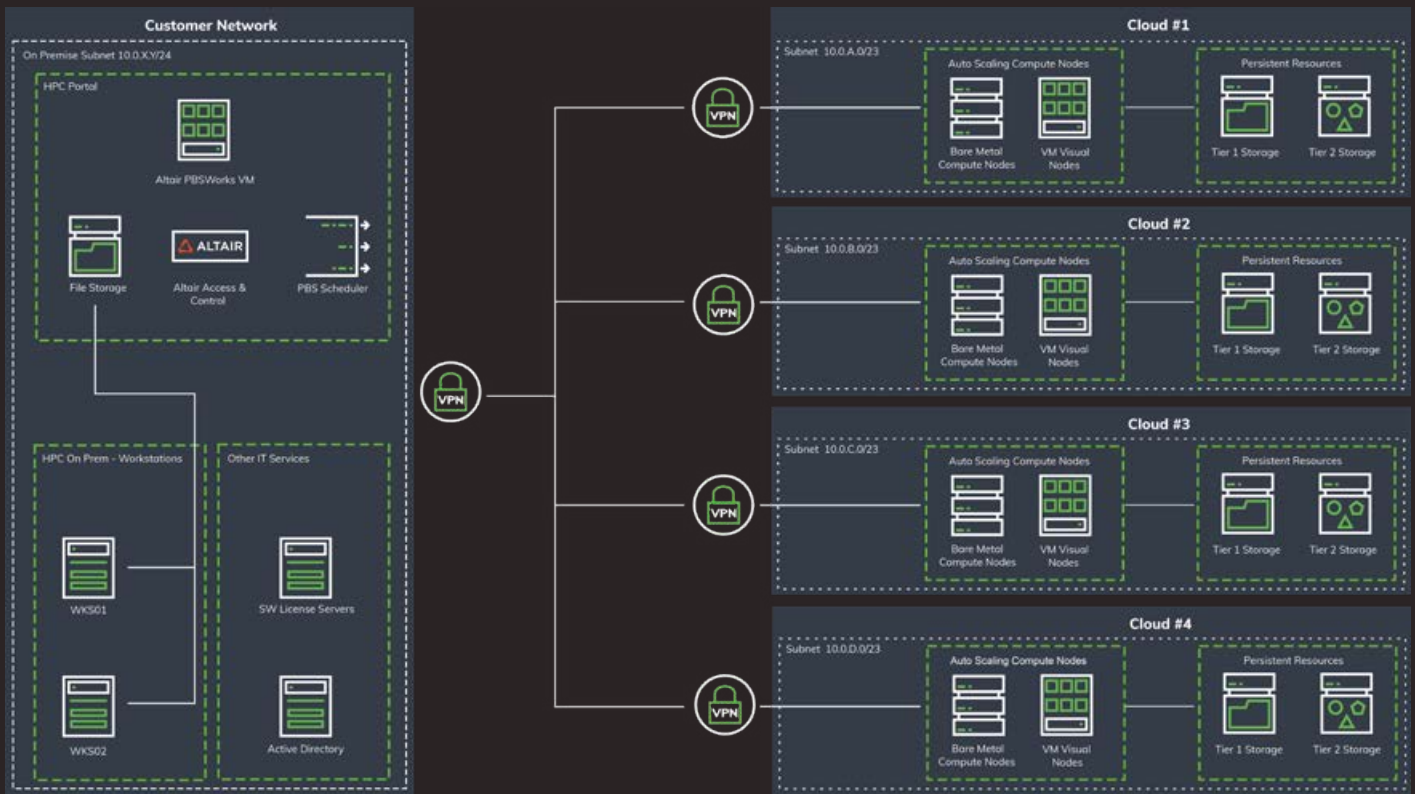Maximize the ROI your software licenses.

AN HPC CLOUD SOLUTION THAT FITS YOUR NEEDS

A simple solution to a complex problem
PBS Works is connected to the cloud providers of your choice through the use of Virtual Private Networks. It is then configured to dynamically launch the compute nodes and/or visual nodes necessary to satisfy the users' job requests for both compute and remote visualization means.
The solution can also be seamlessly integrated with on-premises resources that can be exploited for pre- and post-processing operations and/or short-term calculations.
Our Hybrid Multi-Cloud HPC solution can be easily updated over time, allowing for maximization of results even after updates and/or changes in the price structure of the software/cloud providers.

WITH OUR SOLUTION, USERS CAN BENEFIT OF THE SAME LEVEL OF SERVICE WHETHER THEY USE ON-PREMISE RESOURCES OR THE CLOUD.

DISCUSS YOUR HPC NEEDS TODAY
Contact us at info@doit-now.tech.

Find out more