

Performance Begins with Univa

The leading workload scheduling and optimization solutions

Univa workload management products optimize performance of applications, services and containers. We enable data center operations to fully utilize and scale compute resources across on-premise, cloud, and hybrid infrastructures.

Solutions Highlights:

- Optimize existing compute resources
- Increase workload throughput
- Manage licenses and applications
- Obtain actionable insight with analytics and reporting
- Cloud enable clusters dynamically for resources on-demand
- Improve velocity and efficiency of containers

Improve performance by efficiently sharing data center assets for any mix of workload and applying scheduling and resource policies which maximize data center operations and utilization.

Unleash the power of Univa products across:

- ANY application
- ANY environment
- ANY architecture



WHAT WE DO

Univa® solutions help hundreds of companies to manage thousands of applications and run billions of tasks every day. We give our customers the power to maximize their data center and cloud operations, implement sophisticated workload management, and apply advanced policy management tools to deliver results faster and with lower overall costs.

Univa Grid Engine® allows organizations to create a single compute pool across distributed data center resources and efficiently execute large and complex mission-critical applications. A variety of add-ons are available to create a tailored solution including: the ability to analyze and report workload throughput; plug into any cloud management system; and share licenses according to business objectives.

Navops™ takes full advantage of Kubernetes and run containers at scale with proven automated workload placement and policy management solutions that plug into any Kubernetes distribution. Navops Command maximizes shared resources and manage service applications.

WHY WE DO IT

We take pride in powering the innovations of the future. Univa's products enable new breakthroughs and discoveries in a number of different industries.

We accelerate the processing of terabytes of raw data and the ability to run new analytical models to study viruses and vaccines in life sciences; help aerospace clients improve the computerized simulation and testing of prototypes for military and commercial aircraft; provide a framework to run massive quantities of low latency tasks for financial services organizations; achieve greater processing power to run seismic and reservoir analysis for oil and gas companies; and increase the speed of design and verification of integrated circuits before final production of semiconductor chips with electronic design automation (EDA) manufacturers.



Univa Grid Engine software is a distributed management system that optimizes resources by transparently selecting sources that are best suited for each segment of work. Select from a variety of add-ons:



Container Edition

Configuration, scheduling and orchestration software to improve the velocity and efficiency of Docker containers.



Short Jobs

A framework to run massive quantities of tasks in microseconds and with near-zero overhead to Univa Grid Engine.



UniCloud

Ensure infrastructures are created and configured properly — local or remote in a hybrid cloud, bare metal or virtual.



UniSight Reporting

An analytics tool that allows organizations to measure, track and chargeback usage on dynamic and shared clusters.



Universal Resource Broker

Create a dynamically shared compute pool out of distributed resources by hosting popular Big Data frameworks and data center services on top of clusters.



License Orchestrator

A manager for the allocation of licensed applications and application features shared across Univa Grid Engine clusters.



Navops is a suite of products that enables enterprises to take full advantage of Kubernetes and run containers at scale.

COMMAND

Workload placement and advanced policy management

Navops Command brings sophisticated scheduling and advanced, enterprise-proven policy management to Kubernetes container orchestration.

CONTROL

Actionable insight with comprehensive analytics

Collect and report on data from multiple clusters and schedulers to increase visibility into utilization of resources and services by application, users and groups.