

# Performance Begins with Univa

The leading workload scheduling and optimization solutions

## THE UNIVA MISSION

As the leading innovator of workload orchestration and container optimization solutions, Univa is passionate about technology and dedicated to solving the complex big data and business-critical challenges faced by enterprises worldwide. Since 2011, Univa has earned the reputation of providing business with the ability to deliver products faster, more efficiently and at lower cost. Univa continues to grow its best-in-class enterprise-grade solutions by working closely with customers and partners, ensuring the Univa product portfolio is always the leading choice.

## THE UNIVA PORTFOLIO

**Univa Grid Engine®** is the trusted solution that allows organizations to create a single compute pool across distributed data center resources. With Grid Engine, enterprises can more efficiently execute complex and mission-critical applications, manage workloads automatically, and scale across on-premise, cloud or hybrid infrastructures. A selection of add-on products round out the Grid Engine offering, allowing customers to tailor solutions for specific business needs, including comprehensive monitoring, reporting and analytics; cloud resource management and integration; license sharing according to business objectives; and container orchestration.

**Navops** enables enterprises to take full advantage of Kubernetes and provides the ability to quickly and efficiently run

containers at scale. Navops utilizes workload placement and advanced policy management across on-premise, cloud, and hybrid infrastructures. With Navops, companies can automate microservices applications and efficiently respond to end user demand.

## UNIVA IN ACTION

Univa powers the innovations of the future with proven products that enable new breakthroughs and discoveries in multiple industries.

### EDA

Increasing the speed of design and verification of integrated circuits before final production of semiconductor chips

### Life Sciences and Healthcare

Accelerating the processing of terabytes of raw data and providing the ability to run new analytical models to study viruses and vaccines

### Financial Services

Reducing run time to microseconds, providing a framework to run massive quantities of low latency tasks

### Oil and Gas

Delivering greater processing power to run critical seismic and reservoir analyses

### Aerospace & Automotive

Maximizing computerized simulations and prototypes for military and commercial aircraft and automotive companies

## 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
- Take full advantage of Kubernetes
- Automate microservices applications

Univa solutions improve enterprise performance by efficiently sharing data center assets for any mix of workloads and applying advanced scheduling and resource policies that maximize operations. Organizations are unleashing the power of Univa products across:

- ANY application
- ANY environment
- ANY architecture

“The proof is in the pudding. Univa makes us go faster”

- Otmar Szafnauer, Chief Operating Officer of Sahara Force India



Univa Grid Engine is a software suite that manages workloads automatically, maximizes shared resources and accelerates deployment of any container, application or service. Add-ons include:



#### Container Edition

Run Docker containers in a Univa Grid Engine cluster at scale and blend containers with other workloads supporting heterogeneous applications and technology environments.



#### Unisight Reporting

Track and measure resource utilization in workload managed clusters with the most comprehensive monitoring, reporting and analytics tool on the market.



#### Unicloud

Integrate cloud resources into existing workflows, harness public and private cloud resources to meet increasing workload demands



#### License Orchestrator

Optimize sharing and use of limited, often costly, application license features across users, groups, departments, or projects.



#### Universal Resource Broker

Enable massive scalability of resources and multiple big data frameworks, support mission-critical processes and lay the foundation for the Internet of Things.



Navops enables enterprises to take full advantage of Kubernetes and run containers at scale.



#### Workload placement and advanced policy management

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

#### Navops Highlights

- Automate the prioritization of microservices applications
- Improve server utilization
- Optimize cloud expenditures
- Efficiently respond to end user demand

## About Univa

Univa is the leading innovator of workload management products that optimize performance of applications, services and containers. Univa enables enterprises to fully utilize and scale compute resources across on-premise, cloud, and hybrid infrastructures. Advanced reporting and monitoring capabilities provide insights to make scheduling decisions and achieve even faster time-to-results. Univa's solutions help hundreds of companies to manage thousands of applications and run billions of tasks every day. Univa is headquartered in Chicago, with offices in Canada and Germany. For more information, please visit [univa.com](http://univa.com).



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