Improve the velocity and efficiency of containers:
- run containers at scale
- blend containers with other workloads
- support heterogeneous applications
- maximize IT resources

“The results we achieved were terrific. By blending our current applications and the new containerized workloads, this solution allowed us to reduce configuration and deployment problems and rapidly create a self-contained run-time environment to accelerate development.”
- Paolo Di Tommaso, Software Engineer
The Centre for Genomic Regulation (CRG)

Unleash the power of containerization on:
• ANY existing environment
• ANY architecture
• ANY application


CONTAINERIZE YOUR DATA CENTERS
Univa Grid Engine Container Edition features the unique ability to run containers at scale and blend containers with other workloads supporting heterogeneous applications and technology environments.

Docker containers are being rapidly adopted by developer communities and provide a more responsive and efficient method to develop, modernize and release applications. IT operations managers want to incorporate containers within their production systems but require proven orchestration and scheduling software as well as configuration tools. Running Docker containers in a Grid Engine cluster fulfills these needs.

KEY FEATURES AND CAPABILITIES

Run Docker containers in a Univa Grid Engine cluster
Schedule work so business critical containers (and non-container workloads) are prioritized over other containers.

Control Job Limits for Docker Containers
Reduce administration overhead and achieve desired resource utilizations.

Accounting for Docker Containers
Ensure fair sharing of cluster resources and allow workloads to be traced and for each department or group that uses shared resources.

Data Management
Provide container data management via transparent access to output and error files outside of the container.

Interactive Docker Containers
Securely run interactive commands to a container to allow administrators control over applications in the Grid Engine Cluster.
Univa Grid Engine – Container Edition

Provide container orchestration and maximum utilization of IT resources:

- Workload Scheduling
- Container Orchestration
- Docker Support
- Proven Scale
- Enterprise-Grade Management
- Complete Job Control
- Pre-Emption Capability

About Univa
Univa is the leading innovator of workload management solutions that optimize throughput and performance of applications, containers and services. Univa manages workloads automatically by maximizing shared resources and enabling enterprises to scale compute resources across on-premise, hybrid and cloud infrastructures. Univa’s solutions help hundreds of companies to manage thousands of applications and run billions of tasks every day to obtain actionable insights and achieve faster time-to-results. Univa is headquartered in Chicago with offices in Canada and Germany.