

What's New in 5.8?

Enhancements in Grid MP 5.8 include:

- Performance Improvements ensure faster performance in scheduling, console and overall system operation with very high numbers of devices and work units
- New support for Amazon EC2 Spot Instances allows fine grained budgetary control of cloud bursting workload
- Console Usability Improvements make it easier than ever to manage work
- Improved diagnostics for Grid MP services and Agent

“We've saved at least \$2 million...
As a company, we can innovate better, faster, and at a lower cost – and gain a competitive edge.”

–Novartis

Overview

Grid MP is the leading product for building distributed computing environments from both non-dedicated and dedicated resources to deliver increased capacity. From small-scale desktop scavenging deployments to global enterprise-class and even Internet-based grids, Grid MP is proven to increase productivity, efficiency, innovation, and performance.

Grid MP reduces operating costs and improves productivity by harnessing unused compute cycles from local or remote resources. No other commercial technology is engineered to operate across thousands of disparate, globally-dispersed devices. Grid MP's proven scalability, speed of application enablement and ease of management and operation are among the top features cited by satisfied customers worldwide.

Many of the largest companies in Life Sciences depend on Grid MP to keep track of all the data related to job runs – where the job was executed, what type of machine and how long it took. By automating this function Grid MP allows companies to quickly define a validated process for job execution that goes a long way toward achieving FDA compliance.

Why Grid MP?

Here's why hundreds of customers have chosen Grid MP for dedicated and non-dedicated distributed computing:

- Engineered for large-scale environments: Only Grid MP was designed specifically to operate in massive-scale, globally dispersed environments where compute devices are not tightly controlled – so scalability is built in and unpredictability is accounted for.
- Ease of application enablement: With a flexible application framework, scores of commercial application integrations, and relationships with top application ISVs, Grid MP makes it easy to get applications up and running.
- Unobtrusiveness: Grid MP runs with no discernable impact on the desktop – the product has operated massive global volunteer grids with zero reports of obtrusiveness issues from millions of remote desktop users.
- Fast, simple installation process: Grid MP can be installed and up and running in just a few hours. In addition, Grid MP's cost-effective ongoing maintenance and recognized expert support keeps customers coming back.
- Embedded meta-data layer for automatic data tracking, reporting and validation: Grid MP's unique built-in meta-data layer enables valuable reporting and monitoring of resources, users and jobs.
- Job Pre-emption: Higher priority work units can now pre-empt other work units - so top priority work completes faster.

Key Grid MP Features

- **Proven, unparalleled scalability**
 - Engineered specifically for environments of hundreds of thousands of compute devices
 - Regularly scales to thousands of production customer nodes
 - Has operated massive Internet grids with millions of nodes
- **Simple to operate and manage**
 - Robust, web-based management GUI
 - Decentralized management of resource allocation policies

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Why Grid MP?

- Quickly define a validated process for job execution for FDA compliance
- Engineered for large-scale, dedicated or non-dedicated environments
- Easy application enablement
- Unobtrusive to end users
- Fast, simple installation process
- Embedded meta-data layer for automatic data tracking, reporting and validation

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• **Fast, easy application on-boarding**

- Flexible, open, standards-based Web services interface for integrating applications
- Software Development Kit (SDK) with detailed documentation, tools and examples
- Scores of commercial application integrations
- Relationships with top application ISVs
- Expert staff of application enablers who can assist to get applications up and running in hours

• **Embedded meta-data layer for automatic tracking, reporting and validation**

- Detailed reporting and monitoring of resources, users and jobs
- Ensures scalability
- Supports UniSight, Univa's reporting product that collects current and historical job data that can be used to generate insightful reports.

About Univa

Univa, the Data Center Optimization Company, is the leading provider of optimization and management software for traditional, dynamic and cloud data centers. Our award-winning products are used by Global 2500 companies to improve resource sharing, amplify the efficiency of people and processes, and increase application and license utilization. Univa offers the industry's broadest, most innovative and integrated product set for managing shared, high-demand data center resources. From workload management to policy-driven provisioning across physical, virtual and cloud resources, only Univa provides a proven combination of enterprise-class capabilities, industry expertise, and community sponsorship. Univa is headquartered in Lisle, Illinois with offices worldwide. Visit us at www.univa.com.

