

# TIBCO Grid Federator

## Product Overview

TIBCO Grid Federator™ provides a demand-based, policy-driven mechanism for sharing grid engines between different installations of TIBCO GridServer®. Many of GridServer's customers have independent grid environments: some segment grids by business units or applications (e.g., a risk grid, a pricing grid, etc.), and some segment by application lifecycle (e.g., a development grid, a test grid and a production grid). Regardless of how you segment your grid environments, resource-sharing enables grid customers to improve service performance, run more grid cycles with less hardware, and improve the utilization of grid resources.

The key innovation that TIBCO has delivered in Federator is the ability to set demand-based policies to govern resource-sharing across grid environments. Federator provides a policy framework that analyzes the number of pending tasks on a grid and the average task completion time for a given set of services to make real-time decisions about how grid engines are shared across a grid environment.

Federator also enables customers to add capacity to their grid on-demand. One of the innovative features of Grid Federator is integration with the cloud. Customers can configure Federator to add capacity from the Amazon Web Services cloud platform when needed.

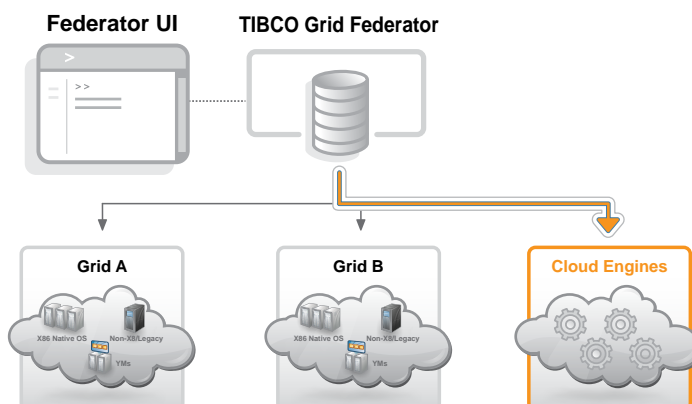
Optimizing the World's Largest Grid-Computing Environments

## KEY FEATURES

- Ability to add grid engines on-demand from the Amazon Web Services cloud platform when workload on the grid requires extra capacity
- Real-time, policy-driven framework for moving resources based on the demand and performance of grid service
- Granular control over the actions taken as demand-based policies are reviewed in real time, including migration and release actions
- Advanced control of grid service prioritization and how grid engines are allocated to meet service-performance goals

## BENEFITS

- Improve utilization and add more services of the grid without having to add engines
- Better align resource allocation to ensure that services meet expected SLA targets
- Lower hardware requirements and infrastructure spending even as the grid service portfolio grows





## Enabling The Two-Second Advantage™

A compute grid can comprise tens of thousands of distributed compute nodes networked together and brought together on-demand to solve a single problem. Each of the nodes on the grid is publishing a rich set of event data in real time, including how much work each node is processing, how much available memory or processing power it has, and how fast is the work being processed.

By harnessing the power of events in real time, grid resources can be better allocated and more efficient, supporting more work, processing answers faster, and ultimately enabling growth at a lower cost. Federator enables GridServer customers to process the rich information set being broadcast from the grid to be collected, analyzed and utilized to make better decisions.



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TIBCO Software Inc. (NASDAQ: TIBX) is a provider of infrastructure software for companies to use on-premise or as part of cloud computing environments. Whether it's efficient claims or trade processing, cross-selling products based on real-time customer behavior, or averting a crisis before it happens, TIBCO provides companies the two-second advantage™ - the ability to capture the right information, at the right time, and act on it preemptively for a competitive advantage. More than 4,000 customers worldwide rely on TIBCO to manage information, decisions, processes and applications in real time. Learn more at [www.tibco.com](http://www.tibco.com).

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