

# Running the MathWorks MATLAB on TIBCO GridServer

## Product Overview

TIBCO GridServer® is a market-leading grid-computing infrastructure platform. With more than one million deployed CPUs spread across 1,000 global installations, GridServer is the backbone of enterprise grids deployed by businesses operating in the world's most demanding markets.

In performance-centric IT markets, such as computational finance, timely access to information is the key to success. With GridServer's robust processing power and scalable infrastructure, users can model and simulate different scenarios with tens of millions of data points, for faster results and more-precise analysis.

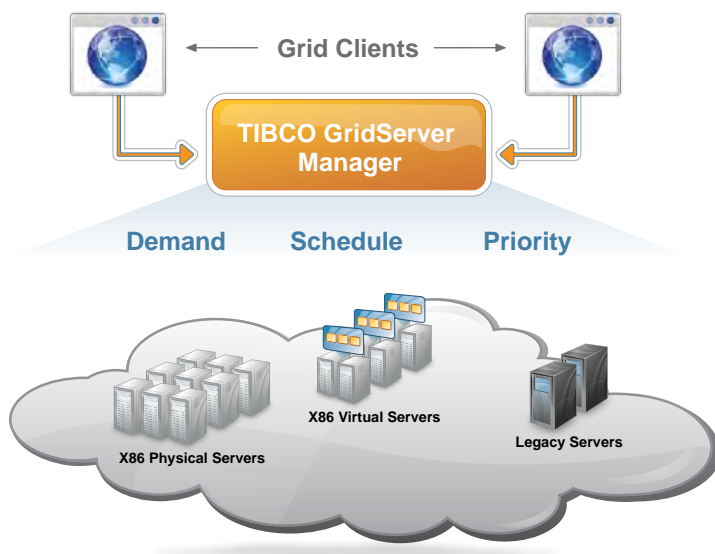
By dynamically scaling services and allocating computing resources based on SLA and business requirement policies, idle resources are more efficiently utilized enabling multiple workloads to be processed simultaneously. As a result, risk management, complex pricing, and other computation-intensive applications can quickly execute mission-critical services, decreasing time-to-results and increasing performance levels.

## MathWorks MATLAB®

MATLAB is a programming environment for algorithm development, data visualization, data analysis, and numeric computation. Users of MATLAB can solve technical computing problems - including signal and image processing, communications, control design, test and measurement, financial modeling and analysis, and computational biology - faster than with traditional programming languages, such as C, C++, and FORTRAN.

## BENEFITS OF RUNNING MATHWORKS MATLAB ON GRIDSERVER

- Order-of-magnitude performance improvements: by integrating MATLAB with TIBCO's robust and scalable grid platform, joint customers achieve unprecedented performance and scalability
- Enhanced decisions made in real time: by processing complex mathematical models faster, users have access to more complete information earlier, resulting in stronger decisions
- Lower infrastructure costs: MathWorks customers can reduce the infrastructure costs associated with meeting user and market demands by shifting to a shared, grid computing platform, instead of running costly dedicated server pools
- Reliability: high-availability and failover are inherent run-time characteristics of the GridServer platform – which guarantees that critical workloads are processed when needed



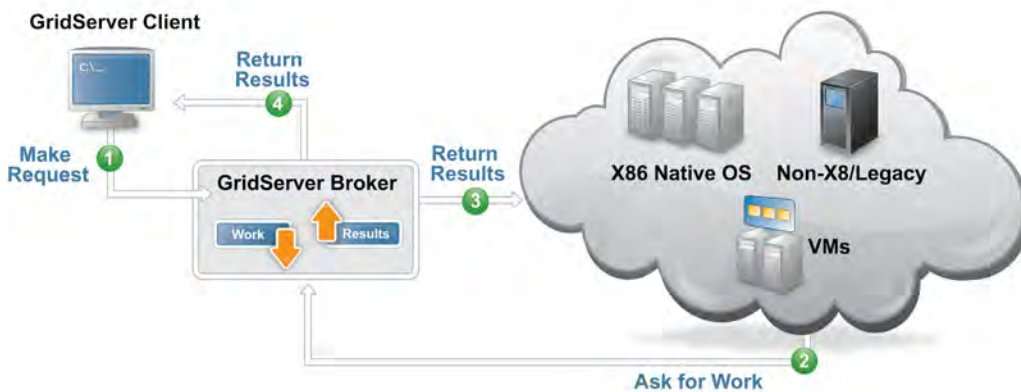


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## MathWorks and GridServer

The execution of large-scale simulations can take time and requires robust processing power to precisely execute complex mathematical models. Companies operating in a variety of technical industries cannot afford to wait hours, let alone days, for the information they require.

TIBCO Software Inc. and MathWorks address these concerns by jointly providing a powerful solution comprised of GridServer and MathWorks parallel computing products. Leveraging the GridServer adapter for MATLAB, users can use the GridServer grid computing platform to manage multiple applications, including the distribution of models built using MATLAB Parallel Computing Toolbox and the execution of MATLAB-defined analytics on MATLAB Distributed Computing Servers.



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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