

Highlights

- ▶ CoreFirst Business Transaction Management isolates performance issues in minutes
- ▶ Real-time, activity-based resource consumption visibility assures efficient GridServer utilization
- ▶ Service level visibility enhances GridServer performance gains
- ▶ BTM enables resource consumption to be understood from a business transaction perspective

Maximizing GridServer® Value

The unique integration of CoreFirst® from OpTier® with DataSynapse GridServer adds a business transaction management overlay that assures performance and reliability of GridServer-enabled applications. By adding real-time visibility of transactions vs. IT resources, it maximizes the GridServer value for businesses and applications.

CoreFirst monitors activity-based resource consumption and service levels, both inside the grid environment and across all tiers, up and downstream. The solution benefits application teams, grid environment owners and business unit managers, providing a pragmatic and direct way to manage grid-based business services using transaction tracking and monitoring.

Isolate performance issues in minutes

GridServer provides business with dynamic scaling capabilities and on demand computing power. It increases effectiveness and reduces cost.

However, the grid can also presents a challenging environment for application teams fighting to isolate service level breaches or deal with user complaints. Intermittent or inconsistent application behavior makes this job almost impossible. The root of their problems is a lack of business context to link the impacted service with the activity on the grid.

The grid deconstructs jobs and distributes tasks for its engines to process. The jobs are devoid of any business context, that, in most cases, are not even known to the grid (such as the user name of a specific business transaction, event or transaction type). Thus IT personnel are without critical understanding of which specific business transaction was executed on what grid engines at a particular time, and which ones caused a slowdown. Working in the dark to analyze problems can take hours, even days.

CoreFirst tracks and monitors all business transactions dynamically, builds a record for each one and graphically displays how the grid processes it. Quickly identifying if a problem is related to execution on the grid or not, CoreFirst customers report dramatic time savings (of 75-90%) to isolate performance issues or bottlenecks. Available today, CoreFirst is the only solution that delivers end-to-end visibility – of all business transactions, across all tiers, all the time – allowing IT to react to any situation as it develops.

Monitor and improve SLAs

CoreFirst captures SLA data for all transactions in real time. Whenever a breach occurs or even before it does as degradation occurs, it alerts you, so service level commitments can be consistently met. CoreFirst provides business intelligence reports about transaction activity—showing how grid resources are actually being used by applications, users and specific business transactions—so organizations can confidently increase grid utilization while maintaining service level compliance.



Understand resource consumption from a business perspective

In addition to real-time transaction performance monitoring, CoreFirst records per-transaction resource consumption and provides views and reports of consumption metrics on any grid component: by application, by transaction type, by user, and more.

Specific value for application owners using GridServer

- Reduce problem isolation time of performance and business activity related issues by up to 75%, by monitoring transactions across all tiers, including the grid.
- Reduce bottleneck identification times on the grid by 90%.
- Enable proactive attention to developing bottlenecks – before end users are affected and unplanned downtime occurs – reducing application outages by up to 50%.
- Make capacity decisions based on true business impact – understand business transaction throughput, users and transaction types on each tier, at any time.
- Benchmark and improve the performance of new code releases and patches using CoreFirst's record of transaction performance and resource consumption.

Specific value for GridServer environment owners

- Reduce transaction bottleneck identification time by up to 90% by monitoring all transactions, across all engines, brokers and directors in real time.
- Alert on SLA breaches at any given engine, director and broker, before users are affected.
- Monitor and improve GridServer SLAs for all users, all the time.
- Report on performance and resource consumption by application, business unit, users and transaction types.
- Plan capacity and architecture based on real business impact using CoreFirst profiler and reports that show exactly how the different variations use, or abuse, resources – including the grid.
- Understand and report on the grid's business impact in real time, using CoreFirst's unique capabilities to show who, where and how much is affected by any grid component at any time.

About DataSynapse

DataSynapse, Inc. is a global provider of application virtualization software. The company's flagship products, GridServer® and FabricServer™, virtualize business-critical applications and adaptively provision them across a real-time infrastructure. DataSynapse helps clients achieve greater agility and improved service levels at radically lower costs. The company's headquarters are in New York.



About OpTier

OpTier® harnesses the power of real business transactions with its Business Transaction Management™ (BTM) software solutions. Based on unique Active Context Tracking™ (ACT) technology, our CoreFirst® product assures that business transactions flow smoothly within IT applications and infrastructure, without bottlenecks or outages, for improved end-user experience. CoreFirst delivers end-to-end visibility – of all business transactions, across all tiers, all the time – by discovering the links between IT components and business services, continuously and automatically. It also prioritizes IT transactions and management processes based on business needs and optimizes IT to reduce costs while meeting service level objectives.

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