HP and Platform Computing

An enterprise grid solution for financial services

HP and Platform accelerate business critical financial models providing financial firms with a competitive advantage.

The challenge of high frequency finance

Structural changes in today's financial markets are driving the need for fast, agile computing. Trading volumes and speed are accelerating, stricter regulations require greater visibility into a financial institution's business and increasingly sophisticated instruments require exponentially increasing compute power to properly develop risk and pricing models. Regulations such as BASEL II and Sarbanes-Oxley are requiring firms to closely manage risk to mitigate exposure and release capital for investment. Faster markets require faster decisions for complex instruments. Grid technologies address these challenges by enabling secure sharing of IT resources across geographic and organizational boundaries. Grids help you do more with less, engage more resources to solve financial models and improve reaction time to new market events.

HP and Platform Computing are leaders in grid technology. The HP and Platform solution includes Platform Symphony, Platform Enterprise Grid Orchestrator (EGO), the HP Unified Cluster Portfolio (UCP) and HP Flexible Computing Services (FCS). This combination enables customers to move to a true grid environment where multiple users and applications share compute resources, hardware and software licenses in virtual pools that adjust and scale based on a firm's needs. Customers can solidify their competitive advantage in the market by more effectively accelerating and managing workloads, gaining visibility into cluster operations and ultimately reducing their IT costs while increasing profitability.

Solution benefits

- Reduce operating and capital costs and increase resource utilization
- Increase revenues by developing and deploying distributed applications
- Run sophisticated, business critical simulations and analytic models more quickly
- Increase the fidelity of compute-intensive, scenario-based market/credit risk analysis
- Provide overnight risk analysis and pricing models that are completed in time

Working together with HP

Working with HP, Platform delivers mission-critical solutions for brokerage, trading and asset management operations across the global financial markets. HP offers proven leadership in order routing and management, trading support, analytics, risk management and transaction processing for the buy side, the sell side and treasury operations. Together, we can meet market demand with financial solutions that are optimized on a range of HP platforms and supported by HP Services.

Rapid and simple deployment of Platform Symphony and Platform EGO is enabled by the HP UCP and associated services. This portfolio provides a flexible, modular range of clustered systems. These integrated and fully supported solutions are engineered for demanding IT environments, and can quickly augment a firm's grid resources utilizing Platform solutions. HP FCS enables customers to deploy Platform products on a utility to tap into systems in HP data centers during periods of peak demand.

Platform™

invent

Align IT to business needs

Platform Symphony distributes and virtualizes compute-intensive application services and processes across your existing heterogeneous IT resources to create a shared, scalable and fault tolerant grid computing infrastructure.

Platform Symphony dynamically allocates resources to meet the needs of multiple applications and workloads across individual or multiple lines of business. That flexibility means you can scale up and across the entire enterprise for high return on investment.

Underpinning Platform Symphony is the production proven, EGO architecture that abstracts underlying resources and sets the standard for performance and scalability across heterogeneous environments.

Sitting below the application layer, Platform EGO provides a true virtual environment that is ideal for critical workload management. EGO is a foundation technology that manages to "supply" heterogeneous IT resources supporting multiple consumer applications, including Symphony itself, enforcing system-wide policies.

Platform EGO seamlessly integrates into environments managed by HP cluster management tools, such as HP Cluster Management Utility (CMU). CMU provides a simple graphic interface for centralized console management, monitoring of cluster-wide and node-specific metrics and software installation of Linux distributions across clusters and server farms. Platform's powerful Open Cluster Stack (OCS) is among the rich set of tools comprising the HP UCP. The interoperability between the Platform Symphony solution and the HP portfolio of cluster offerings provides administrators with powerful capabilities that can be confidently and rapidly deployed.

HP products supported

Platform's enterprise grid software solutions are supported across a broad range of HP servers featuring RISC, Intel® and/or AMD processors. From HP BladeSystem servers and HP Cluster Platforms to high-powered 64-bit, multi-processor supercomputing, HP sets the standard for performance, scalability, availability and manageability. The new c-Class HP BladeSystem server delivers incredible power in a small, compact design that addresses issues of space, power consumption and heat generation, providing an ideal choice to meet the most demanding business needs.

Building on the value of strong relationships

By working with HP, Platform leverages the resources, experience and knowledge of an industry leader to deliver the business results and value your company requires. HP is a company that thrives on innovation, with a proven track record of success in virtually every market, customer segment and region worldwide. Together, we have the technology and services to meet your most demanding needs.

In financial services, Platform Symphony provides critical risk management, trading operations and analytics infrastructure to many large financial service institutions.

Working together to drive success

By combining standards-based and modular technologies with our leading-edge applications and a full portfolio of services, you gain a powerful, flexible solution that meets your business needs today—and adapts dynamically as those needs change. That's the foundation for building an agile, responsive enterprise to drive better business outcomes for your long term success.

For more information, visit www.hp.com www.platform.com

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