

Platform™

Platform Computing Solutions for Energy Trading and Risk Management (ETRM)



How well do you understand your risks?

Energy sector producers, financial institutions, utilities and hedge funds participating in commodity exchanges fully appreciate the risky nature of energy futures. In a sector with ten times the market volatility of other commodities, enormous capital risks and an often non-storable product, both producers and traders need to manage and quantify a range of ever changing market and operational risks. In the wake of high-profile failures including Enron, and highly publicized sector hedge fund failures, risk management and financial reporting is a more important consideration than ever before. Continuing market de-regulation, a boom in exchange traded funds (ETFs), new markets related to emissions and carbon and increasingly strict reporting requirements combine to make an energy sector that is both rich in opportunity and fraught with risks. The key to profitability of course is to fully understand and manage these risks.

Benefits

- Better quality information
- Reduced simulation run-times
- Run more complex scenarios
- Increased ROI from IT assets
- Reliable compliance reporting
- Proven and production ready
- Compatible with multiple ETRM environments

Who Needs this Solution

Any organization running Energy Trading, Risk Management and Energy Sector Analytics solutions that would benefit from reduced simulation times, the ability to run more complex simulations in fixed time frames and a more cost effective hardware infrastructure environment.

"At Platform we don't build the ETRM & Energy Analytics systems, but we do make them run better - in fact, much better!"

By applying grid computing technology to numerically intensive value at risk (VaR), Analytic and Sensitivity models routinely used by analysts, Platform has been helping leading investment banks accurately quantify risks and dramatically reduce model simulation times for years. All this, while helping market leaders reduce their information technology expenditures. Platform's flagship financial industry solution, Platform Symphony™ underpins core risk systems for the largest investment banks in the world, managing grids composed of thousands of CPUs and optimizing the sharing of assets across multiple lines of business in response to business priority.

With Platform's unique architecture, organizations can not only run their risk environments more efficiently, but computing assets can be easily shared with other core business applications as well. This unique capability provides much needed flexibility to IT application architects and managers running risk systems. Supporting a range of leading "off the shelf" risk management engines and components, Platform Symphony provides a unique and massively scalable infrastructure on which you can quickly provision and scale out both in-house and third party risk calculators such as Monte-Carlo simulation tools. Platform can also support solutions from leading energy sector ISVs including Openlink™, SunGard™, SAS Institute™, Murex™, Calypso™ and many others. We support a range of software development environments including Java, .NET, C and C++ as well as leading systems platforms including Microsoft Windows™, Linux and Sun Solaris™.

When one of Europe's largest energy traders forming the backbone of European OTC power and gas exchange needed to enhance the performance and reliability of Openlink Endur™ reporting applications they turned to Platform. Platform's grid solution coupled with our sophisticated Platform Process Manager™ tool now automates the tens of thousands of individual jobs required to accurately quantify risk positions, easily accommodating batch windows and guaranteeing job and workflow completion even in the event of system failures. This robust capability not only keeps industry regulators happy, but it provides high-quality, timely information to the business while offering "peace of mind" to IT managers who know that their risk models and critical reports run quickly and reliably.

At Platform we understand how to build computing grids. Platform software manages many of the world's largest grids. We have a range of grid reporting, monitoring and analytic solutions and a first class global consulting and support organization that are ready to help you be up and running quickly and efficiently. Contact Platform today and learn what market leaders including JP Morgan Chase, Citi, Lehman Brothers, Shell and StatOil have known for years: If you are building an enterprise grid to power your key risk management systems for strategic advantage, there is simply no better solution than Platform.

About Platform Computing

Platform Computing is the leading systems infrastructure software company that accelerates applications and delivers IT agility for increased business performance and reduced cost. Founded in 1992, Platform is a pioneer in HPC, Cluster and Grid Computing technologies. Platform has over 2,000 global customers and strategic relationships with Dell, HP, IBM, Intel, Microsoft, Red Hat and SAS, along with the industry's broadest support for third-party applications. For more information please visit www.platform.com.



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