

Excel that Scales™

High Performance Excel Applications for Traders and Analysts in Financial Services

Business Challenge

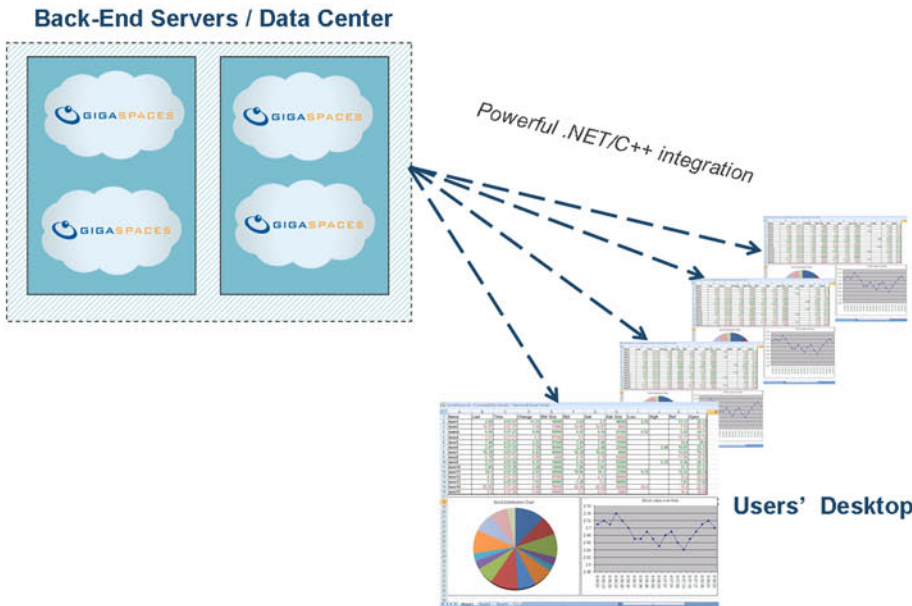
In the financial services industry, high-end Excel-based applications require the ability to handle large volumes of data and process it very fast. Traders' spreadsheets end up with huge amounts of data, running extremely complex calculations. This results in lost productivity due to overloading of the desktop CPU, long processing time and frequent crashes. Collaboration between multiple Excel users and the ability to scale becomes virtually impossible.

The Microsoft-GigaSpaces-Lab49 Offering

Excel That Scales™ is a joint Microsoft-GigaSpaces solution designed to improve availability, reliability and performance for high-end Excel users.

The solution provides two unique benefits:

1. Leverages the GigaSpaces' In-Memory-Data-Grid to move the data from the Traders' desktop to the data center and access it at in-memory speeds.
2. Scales up the logic from local Excel instances to server farms closer to the data.



Lab49, a Microsoft and GigaSpaces certified partner, has worked with the GigaSpaces engineering team from the start to define the joint offering. Lab49 brings specialized consulting expertise in deploying the Excel That Scales solution, ensuring a smooth, turn-key implementation. The end result is that your spreadsheets are upgraded to a scalable, reliable, enterprise-class solution with minimal hassle.

Dramatic Increase in Productivity and ROI

- Handle infinite amounts of data (e.g. market feeds) in a reliable manner
- Dramatically reduce processing times, enable more accurate risk and portfolio management (perform more VAR calculations and Monte Carlo simulation runs per hour)
- Share data between multiple traders and analysts and enable better collaboration
- Shield users from desktop and server failures
- Enable Excel applications to scale up (and down) to meet varying loads

GigaSpaces at a Glance

What is it ?

GigaSpaces provides next generation application server technology for scaling low latency, high throughput, highly distributed applications.

Relevant Applications

Finance:

Electronic Trading, Risk Assessment, Regulation and Surveillance, Market-Data Feeds.

Other:

Telco, Energy, Government & Defense, Life Sciences, Travel & Logistics, Online Gaming, and more.

Benefits

- ✓ Improved Productivity
- ✓ Better Collaboration
- ✓ Real-Time Decision Making
- ✓ Scalable Data Visualization.
- ✓ Linear scalability
- ✓ Flexible & simplified infrastructure
- ✓ Guaranteed fail-over

Customers

Dow Jones, NYSE, Lehman Brothers, Goldman Sachs, SIG, CME, Société Générale and others

Solution for Financial Applications

Excel That Scales combines the latest Microsoft technologies – Office Excel (2003 and 2007) and SharePoint Server 2007 - with the GigaSpaces XAP.