

## XAP for Real Time Analytics

Fast access to large and diverse volumes of market data to gain real-time insight is transforming the banking industry.

XAP In-Memory Computing combines high performance scalability, data protection, simplicity, transactional integrity and lower cost to deliver an open platform solution that avoids vendor lock in and won't break the bank.



### Why XAP?

XAP analytics technology allows you to:



Make Decisions in Real-Time



Strengthen Fraud Analysis



Improve Business Agility



Provide Consistent and Rich Customer Experience

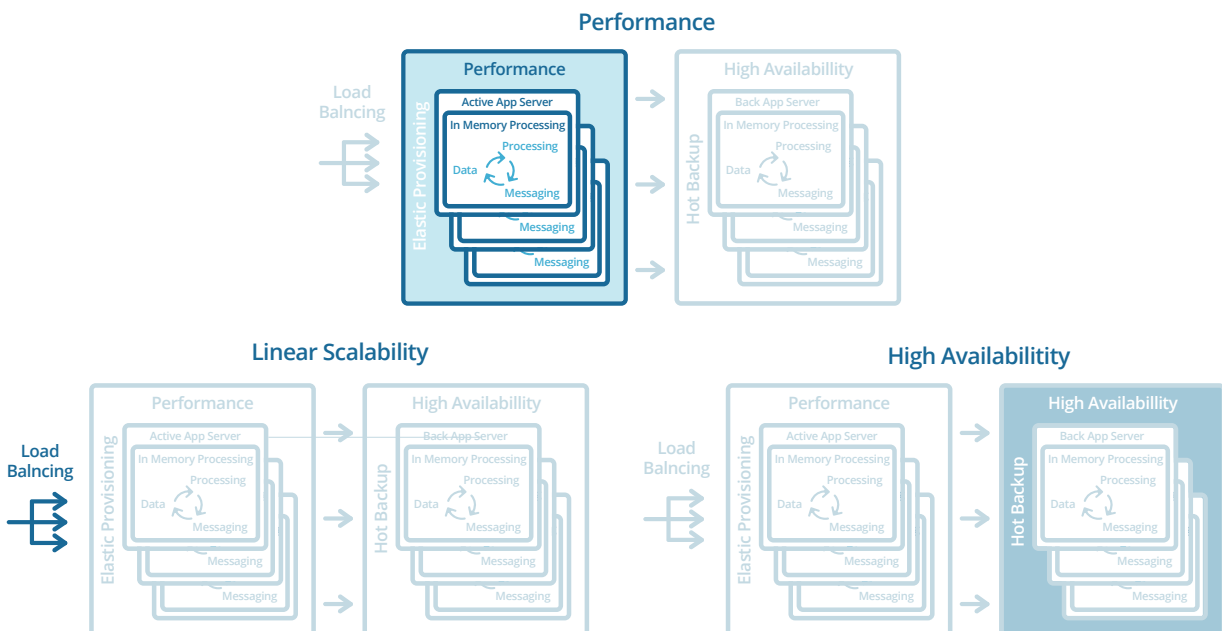


Easily Meet Regulatory Compliance Requirements

### How XAP Works

XAP enables your app to run entirely on a single platform with all the tiers collapsed into one container. The platform gives you fast data access by storing ALL your data in-memory, ensuring high availability and scaling your app automatically and on-demand. End-to-end elasticity enables all system components to scale as resource requirements increase.

During periods of peak load or through seasons of increased traffic, XAP dynamically expands your application onto additional physical resources – automatically and on-demand, to meet any SLA. Resiliency is guaranteed by in-memory backup within each container, and by mirroring data to a traditional database outside the runtime.



## Challenges



### Risk Optimization

XAP allows users to achieve compliance objectives while mitigating operational risk, fighting crime and optimizing returns.



Adopt transformational technology solutions that reinforce a simplified, streamlined and agile enterprise

to balance growth, efficiency and business resiliency in order to support new business innovation.

### Use Cases

- Reliable Pricing and Risk Calculation
- Trading Strategy Deployment Made Easy
- Unlimited Back-Testing with Low Latency Data Access
- Agile Trading Strategies Deployment
- Personalized Customer Services



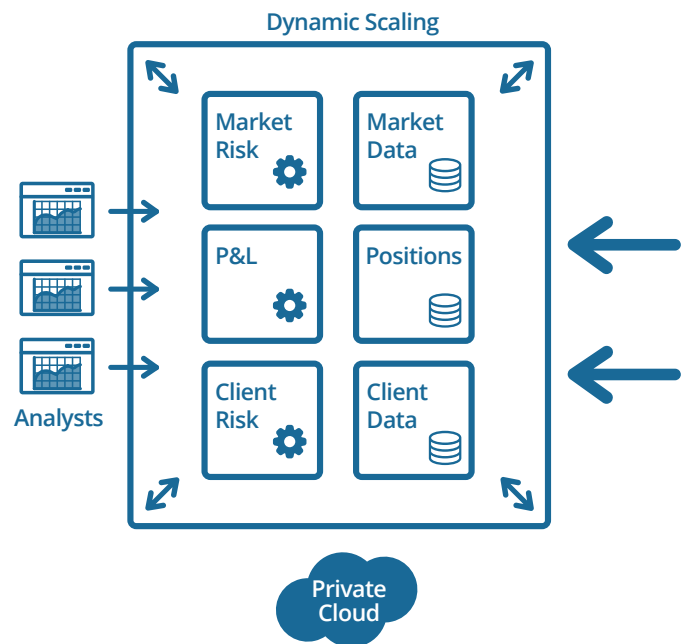
### Simplification of operational and technological complexity

XAP consolidates disparate sources of customer, product and transactional data into one unified dynamic model. It also organizes data as master data (MDM), consuming data feeds such as operational data, analytical data and real-time via standard interfaces.



### De-duplicate processes, deleverage & pursue componentization of technology

XAP separates data from applications, allowing simple application and data reuse across an enterprise.



## About GigaSpaces



GigaSpaces Technologies provides software middleware for deployment, management and scaling of mission-critical applications on cloud environments through two main product lines, XAP In-Memory Computing and Cloudify. Hundreds of Tier-1 organizations worldwide are leveraging GigaSpaces' technology to enhance IT efficiency and performance, from top financial firms, e-commerce companies, online gaming providers, healthcare organizations and telecom carriers.

GigaSpaces was founded in 2000 and has offices in the US, Europe and Asia. For more information, please visit [www.gigaspace.com](http://www.gigaspace.com) or our blog at [blog.gigaspace.com](http://blog.gigaspace.com).

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