



GIGASPACE XAP IN-MEMORY DATA GRID

FAST DATA PROCESSING AT THE SPEED OF BUSINESS

For over 17 years, GigaSpaces' industry leading In-Memory Data Grid is delivering high-performance, resiliency and ultra-low latency extreme transactional and stream processing for mission critical real-time distributed applications at the leading enterprises worldwide from Financial, Retail, Telecommunications, Insurance, Healthcare and Transportation industries.

XAP is a cloud-native application fabric that empowers real-time event-driven microservices and distributed applications for real-time big data innovation. It provides an essential set of data store features, such as transactions, indexes, and query language (SQL-like queries). XAP also handles common functions such as messaging, event processing, data access, and transaction processing completely and exclusively in-memory.



MILLI-SECOND PERFORMANCE

By storing application data in memory, close to the business logic that needs to access this data, faster performance is achieved - without transaction delays from physical I/O, database connection pool or network bandwidth issues.



POWERING INSTANT INSIGHT TO ACTION

XAP is the core of GigaSpaces' InsightEdge Platform, a single-tier, fast-data, in-memory computing platform that unifies analytics, AI, and transactional processing for instant insight to action for optimized business impact.



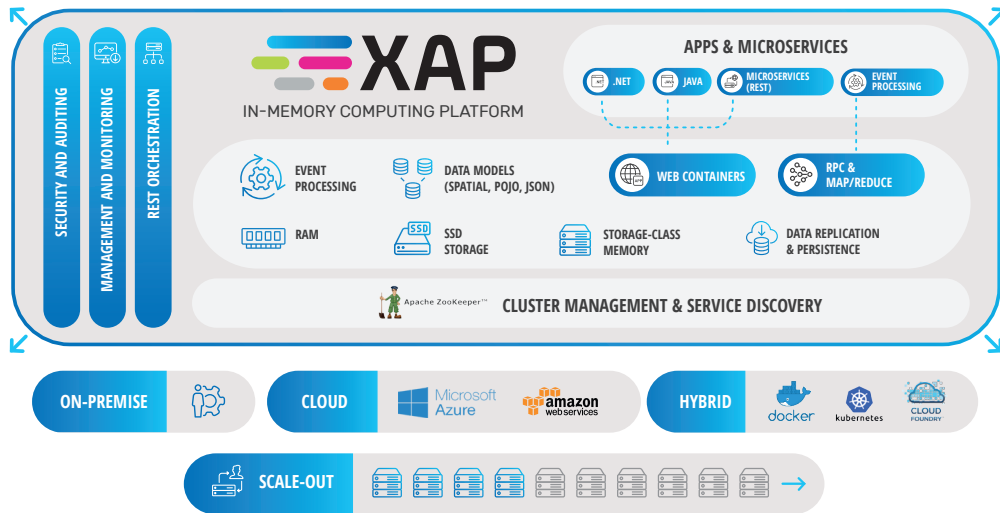
CONTROLLING YOUR BIG-DATA

The MemoryXtend module intelligently leverages multi-tier storage to expand to growing data needs while putting you in control to customize hot-data prioritization according to your business logic. RAM, SSD and storage class technologies.



HIGH AVAILABILITY

XAP offers highest availability and resiliency with 5 nines availability, auto-healing, geo-redundancy and secure infrastructure and has an unparalleled proven track record in the most extreme mission critical use-cases ever.



OVERCOME THE COMPLEX OBSTACLES OF BIG DATA

BENEFITS



Extreme Performance

Ultra-low latency, high-throughput transaction and stream processing. Co-location of business logic and data processing to act on time-sensitive data at millisecond performance.



TCO Reduction

Simplified architecture eliminating cluster and component sprawl complexity; radically minimizing the amount of moving parts. Cloud-native, infrastructure-agnostic deployment, for hybrid cloud and on-premises environment. Intelligent multi-tiered data storage across RAM, SSD and Storage-Class Memory (3DXPoint).



Total Confidence

Mature battle-tested platform for mission critical businesses. Highly available with up to 5 nines reliability and auto healing. Geo-redundancy and fast data replication for disaster recovery.

“The digitalization of business generates an inexhaustible demand for faster performance, greater scalability and deeper real-time insight, which is boosting innovation around IMC technologies.”

*Hype Cycle for In-Memory Computing Technology
July 2017, Gartner*

GIGASPACE'S SELECTED CUSTOMERS



AVANZA BANK

