



Supercharge Java Applications with Zing

Improve scalability and performance of customer and agent portals, quoting and claims systems, and reduce costs and downtime with advanced JVM technology from Azul Systems

Insurance Systems Need Application Scalability

Java-based applications are the lifeblood for many insurance companies. Every day insurance organizations rely on key platforms such as customer and agent portals, quoting systems and claim and incident reporting applications to provide great customer service, reduce costs and meet regulatory requirements. But in recent years, these applications, which have heavy, unpredictable transaction loads and data-intensive operations, have come under increased pressure. More activity is being pushed to online systems as customer and agent expectations have risen for response time and availability. IT organizations are expected to provide greater capacities with better consistency while achieving lower TCO.

JVMs (not the app or database) Are Often the Root Cause

Unfortunately, Java Virtual Machines (JVMs)–the very bytecode engine that gives Java its power and versatility–are at the root of much of the difficulties for IT, since Java infrastructures haven't kept pace with the latest technology

trends or advancements over the last decade. Conventional Java infrastructures are limited in a number of problematic ways that prevent applications from meeting business goals. These include rigid limits on heap size, instability under load, management complexity and extensive tuning requirements.

Removing Barriers to Business Growth

To remove these barriers and allow applications to cost-effectively meet business needs, a new approach is needed that frees Java execution from the limitations of conventional JVMs and the rigidities of standard Operating Systems.

Introducing Azul Zing®

Azul Systems, the leader in Java runtime innovation, has taken its proven technology and made it available as a software-only solution– Zing and elastic runtime. Zing eliminates current scalability limitations of enterprise Java applications and meets the challenges of modern deployment topologies (e.g. hypervisors, Cloud, etc.) It is a highly innovative Java infrastructure that provides guaranteed predictability, even under unpredictable load.



INSURANCE INDUSTRY BENEFITS OF AZUL ZING

- **Large Java heaps** up to 2 TB with no garbage collection penalty
- **Stable and consistent** response times under load without constant tuning for a better user experience
- **Extend** the lifespan of older applications
- **Simpler to manage** with fewer, larger, elastic instances
- **Proven Performance** multiple Azul installations throughout the global insurance industry



Solution: A Better Java Runtime

Zing provides better consistency, availability, scalability and sustained throughput than conventional JVMs. As insurance companies wrestle with the competing demands of rapid growth and lower costs, Zing bridges the gap. Zing allows insurance applications to scale to meet business goals, regulatory requirements and usage growth while keeping costs low.

Benefits

With Zing and elastic runtime, insurance industry applications enjoy consistently fast response times, improved service availability and a better overall user experience, even under unpredictable heavy loads. Zing is Java SE compliant, easy to deploy, requires no changes to your application, and supports multiple deployment topologies giving you wide flexibility.

Zing is more than just another JVM. It also includes a production monitoring and management platform. The Zing Vision tool reduces production issue resolution time by fully instrumenting the JVM to help pinpoint issues on running systems.

Zing: The Best JVM for Your Java Applications

The Zing makes your applications run better – more scalable, reliable and consistent – even under unpredictable loads.

Zing allows older applications to meet the requirements of business real time, improves the end user experience and supercharges analytics and Big Data apps.

Get Started Today

Your Java applications are both business- and mission-critical. Consistently fast response times and unshakable reliability create a great user experience that increases revenue and lowers call center costs. With a robust, scalable Java infrastructure based on Zing, you'll be able to handle usage growth and unexpected peak loads seamlessly.

CUSTOMER SUCCESS

Groupe Mutuel

Problem:

A highly competitive and dynamic healthcare market created new growth opportunities as well as stringent customer service requirements. The key to success was based on improving the performance of its customer portal, which struggled to keep up with the increasing customer service workload.

Solution:

Groupe Mutuel engaged Azul to replace the existing portal server and application server.

Benefits:

- Ability to ensure the highest level of customer satisfaction and retention
- Vastly improved performance and scalability, regardless of volume
- Lower total cost of ownership
- Streamlined internal processes and improved efficiency needed to win in the dynamic Swiss market

To get started, contact us:

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