

Whitepaper

# Cassandra: A Predictable Platform

Powering  
Transformational  
Business Outcomes



**In speaking with CIOs of enterprises in transition, the same concerns appear repeatedly:**

- Providing customers, agents, suppliers with incredibly responsive applications across every channel
- Creating Cloud Strategies that handle the growing complexity of applications and data architectures
- Modernising legacy systems to meet today's agile business needs quickly and cost effectively
- Enabling development teams to innovate free from the constraints of legacy systems
- Meeting system demand spikes with predictable performance and availability
- Introducing future proof technology that stands the test of time

How is your organization aligned to make this paramount shift while remaining relevant now and in the future? How could a strategic partner help accelerate your transition from operational data to information that drives the enterprise?



Companies around the world partner with DataStax to build an information driven operating-models that drive success and innovation. DataStax has the expertise and the predictable platform of Cassandra that allows for fast time to market at scale with high security and innovative capabilities to meet your ever changing business needs.

### **Turning Transformational Data into Outcomes**

With Apache Cassandra at the core of the DataStax platform enterprises achieve zero application downtime, zero vendor lock-in and the ability to scale globally.

At DataStax, we have elevated core Cassandra to an enterprise level by adding advanced performance, enterprise grade security and integrated enhanced capabilities.

DataStax was built from the ground up with cloud in mind. It is the platform of choice for enterprises to achieve developer success. You can run on-premises, in a Hybrid cloud, or all cloud. This novel deployment flexibility allows you to react in an agile manner to your market. Expand from on-premises to the cloud to handle your peak demand times. This flexibility reduces project risk, associated cost commitments and provides you with the choice of a phased modernisation.

Partnered with DataStax, many of today's most successful enterprises have delivered Transformational outcomes. These outcomes were created with minimal disruption to the ongoing business and at market velocity. A predictable platform drives success and allows for CIOs to direct their technical talent to focus on solving business problems and not troubleshooting data systems.

### **A Strategic Technology Partner Accelerates Transformational Outcomes**

We have more than a decade of experience successfully implementing Apache Cassandra. As the leading contributor to the project we are recognised as the world's experts for Cassandra. Using our experience with this predictable technology we have developed the following implementation methodology to help you reach your transformational goals.

#### **→ Initialize**

If you have already determined the need for transformation within your enterprise, DataStax can help you accelerate the process and like many other enterprises help you achieve your operational goals and objectives through a close strategic partnership.

#### **→ Implement**

DataStax has been extremely successful managing transformational projects. The DataStax team has deep technical knowledge and expertise across many different platforms. Their step by step, methodical approach, not only ensures the success of the project but also does so in a way that sufficient training and knowledge transfer has occurred to developers, enterprise architects and business professionals.

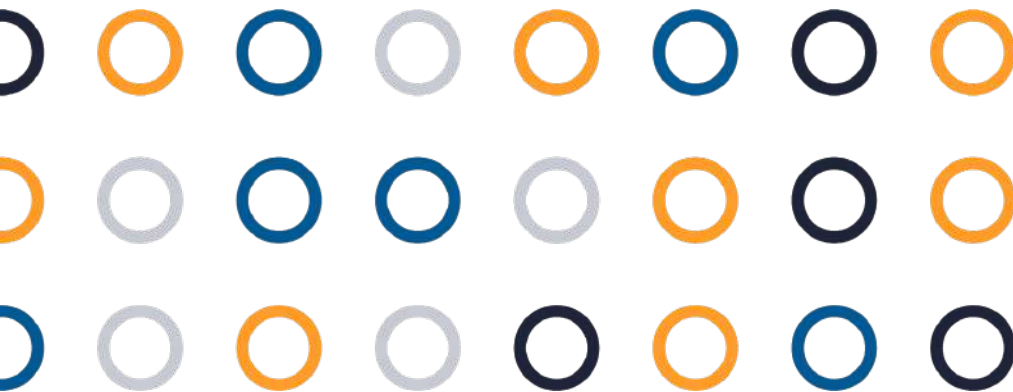


➔ **Maintain & Climb**

At the end of the engagement and through our close partnership, enterprises find themselves in an extremely comfortable position to maintain the existing environments. They can enhance, extend and even build brand new applications that require to be always on, with streaming real-time data, distributed across many data centres & regions and ready to scale as demand dictates from the knowledge and the training they acquired throughout the partnership.

Hundreds of industry leading enterprises have successfully completed this process and find themselves part of our community that provides additional benefits. C-Level executives have found measurable value in participating in DataStax sponsored events for specific industries. Architects and Developers have benefitted immeasurably by attending developer workshops and community events, and more developers than ever, are acquiring Cassandra certification.

DataStax success with transformational projects makes us an ideal strategic partner. Hundreds of enterprises benefit from our expertise, platform and methodical approach. Let us bring the full weight of our decade long experience to help you achieve your goals and objectives.



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