



Bringing big data to the Enterprise



Thought Leadership
 Consulting and implementation
 Global Delivery



Services we offer

Consulting

- Technology Evaluation
- Proof Of Concepts
- Architecture and Design

Implementation

- Development and Testing
- System Integration
- Deployment

Support

- Monitoring
- Operational Support
- Long term Maintenance

Our target customer and usage scenario

- » **Technology company**
 - R&D or product group
 - Developing a product or solution that is core to the business
 - Involves processing of large amounts of data in short periods
 - Possibly performing analytics on the data
- » **Medium-Large enterprise**
 - Technology group
 - Understand that this goes beyond the scale of traditional RDBMS
- » **Medium-Large enterprise**
 - IT group
 - BI-analytics group
 - Business group
 - Solving a business problem using Analytics over large data sets
 - Evaluating multiple products - commercial and some open source
 - Need to make best choice based on tech and business requirements
 - Open to working with a services partner - who is skilled at multiple technologies/ tools but is unbiased

Our Big Data skills and partners








Engagement Model

Global Delivery: Onsite + Offshore - tailored to suit customer needs

Typical Project: 2-6 weeks of PoC / Consulting + Longer Implementation

Sample case studies

Digital Media Measurement company, USA

Data size: >100TB

Domain area: Large Scale Web analytics

Problem: 20 billion rows of data arriving daily, need to be cleansed, analysed; matched against URL dictionary of 1.8 million terms

Large Data Technologies: Hadoop; Aster Data, IBM Big Insight

Role: Architecture, Design, Development, Implementation, Support

Accomplishment: 4000 rows of data processed per second optimized to get 20X performance increase to approximately 75000 rows per second; Analytics reports taking 1.5 weeks now available in 3 to 4 hours.

Enterprise Technology solutions company, USA

Data size: Peta byte +

Domain area: Very Large scale Consumer facing Cloud-based solution

Problem: Low-latency read-write access; very large scale data; Very high reliability; private/public hybrid Cloud deployment

Large Data Technologies: Cassandra, Rackspace Cloud (alternatives considered Windows Azure, Mongo DB), Cloudera

Role and Accomplishment: Evaluate candidate technologies, benchmark, choose; define architecture; design, develop, test, deploy. Solution deployed and announced

Why Cubic Analytics ?

- » Excellent track record of satisfied clients
- » Technology expertise spanning the breadth and depth of the Big Data ecosystem
- » Peer-recognized thought leaders and Open Source contributors
- » Array of Frameworks and other Intellectual Property components to accelerate solution development
- » Large, successful deployments in the midst of rollout

About Cubic Analytics

Cubic Analytics is a leading technology and R&D services provider with a strong focus and established thought leadership in the area of large data analytics and high performance computing. Cubic Analytics uses its Global Delivery Model to help Enterprises and Technology companies evaluate and implement solutions tailored to their specific business context.

Visit www.cubicanalytics.com or write to us at bigdata@cubicanalytics.com