



A TERADATA COMPANY

BIG DATA ARCHITECTURE REVIEW

Blueprints for an Implementation of a Production Ready Solution

DESIGNED TO - Review your existing big data implementation and recommend best practice.

Businesses can't afford to take chances with the costly big data implementations. Getting open source distributed computing to work can be hard, even in the lab. Without a well-defined architecture, the sheer number of moving parts and technology compatibility pitfalls can kill your project early as well as the unknowns of scaling to production and high-availability.

Our **Big Data Architecture Review** approach provides expert recommendations by joining your business, architecture and use case objectives and align them with your overall strategy. We develop tailored plans, integrating your short-term delivery targets with long-term business goals. The resulting architecture is strategic and designed to scale seamlessly to support your full vision and roadmap. Our technology experience de-risks the decision making process to ensure you arrive at a fully considered architecture that scales extensively and remains secure and operational all the way to deployment and production.

The top Think Big Architecture Review benefits reported by our customers include:

- + **Business-Driven, Robust Architecture** - Assessment of your current infrastructure and proposal of a high-level short and long term architecture to support specified use cases and business roadmap.
- + **Governance and Deployment** - Best practice around data governance, ingestion and cluster design.
- + **Technology Assessment** - An evaluation and recommendations for the best-suited tools enabling the build of a scalable architecture.

Benefits and Outcomes

Maximizing Business Outcomes

- + A recommended architecture based on identified use cases.

Scalable Architecture

- + A high-level short and long term architecture aligned with your business strategy.

Boosting Efficiency

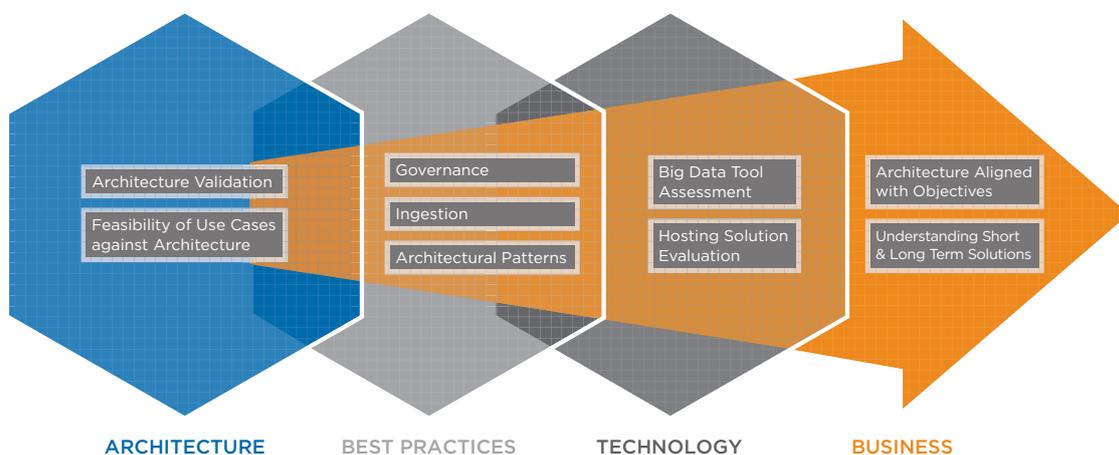
- + Improved understanding of governance and architectural patterns.

The Best Technologies

- + An assessment and recommendations of the best-suited tools to enable the build of a robust architecture.

Ingredients for Success

Our **Big Data Architecture Review** workshop provides a strategic design for the technology implementation and evolution, giving you the confidence to accelerate into developing business value. With a robust and scalable architecture in place, you can avoid the risk of adopting an anaemic, scale-limited technology, or just another a tactical solution. As a part of our Strategy & Architecture services suite, we also offer **Big Data Roadmap**, **Strategy Definition** and **Capability Assessment** services. Together these four engagements provide your organization with a complete set of information that will enable your company to execute the big data journey successfully.



Turning Challenges into Solutions and Returns

Despite the inevitable opportunities big data and analytics present, many companies choose solutions that are not optimised to work today and well into the future. Our fixed price offering helps organizations to realize business faster than ever before, with quick validation to accelerate time to value.

Before

- + **Poorly Understood Business Value** - How can business value be unlocked from our use cases and quantify them?
- + **Unrealistic Scope Creep** - How do we keep stakeholder expectations realistic, and technologists business focused?
- + **Unmanaged, Siloed Technology** - How do we handle business units running “skunkworks” experiments? How do we embed a strategic architecture to save time & effort?
- + **Maze of Unknown Technologies** - How do we make sense of confusing technology choices, and map them to requirements to extract business value?
- + **Lack of Coherent Architecture Planning** - Do we understand what tactical solutions deliver strategic goals?

After

- + **Proof of Value** - A strategic Proof of Value project, scoped and designed to expose business value.
- + **Business Aligned Scope** - Use cases aligned; everyone signed up to the delivery plan & technical capability.
- + **Programme-Wide Architecture Alignment** - Teams all bought into same strategic architecture and contributing to its enhancement.
- + **Evidence-Led Architecture** - Architecture defined with industry experts, based on what works and what doesn't in a real enterprise environment.
- + **Strategic Architecture Plan Ready to Execute** - Use cases aligned with the architecture to support growth.

Building Future and Growth with Full Lifecycle Velocity™ Services

Working in tandem with our Velocity™ Services, using the **Big Data Architecture Review** as a key deliverable and on-going process within your programme will reduce overall risk and provide a measurable way to validate your strategic investment. After the assessment, our full lifecycle Velocity™ approach takes your company through the process of creating a big data strategy to achieve the technical and enterprise goals. The battle-tested methodology enables your organization to extract business value.

Whatever the stage you are on the Big Data journey, our **Big Data Architecture Review**, coupled with the Velocity™ Services, enables you to accelerate the speed to market and enhance efficiency while generating tangible returns.

- + **Strategy & Architecture** - Prioritized implementation plan to maximize short and long-term returns.
- + **Data Lake Solutions** - Best practices and pre-built components to accelerate time to value.
- + **Analytic Solutions** - Building scalable big data infrastructures to meet your future needs.
- + **Data Science** - Boosting growth through innovation and modern analytics approaches.
- + **Managed Services** - 24/7 expert support empowering continuous improvement.
- + **Training** - A comprehensive selection of topical courses delivered by our certified experts.



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Teradata Velocity™ Services approach combines speed with the experience to proceed in the right direction. These services include: Strategy & Architecture, Data Lake, Analytic Solutions, Data Science, Managed Services, and Training to accelerate time to value and increase investment returns. Teradata has also developed innovative technology frameworks through our production work with enterprise customers to speed deployment of big data solutions. With Teradata Velocity™, we deliver proven business outcomes in an expedient manner with minimal risk and maximum flexibility to support your ongoing business strategy.

