

TCS Agile & Resilient Foundation for futuristic business models



BFSI organizations looking to reimagine and transform their ecosystem will need to adopt a design-led strategy to solve their problems and future-proof their enterprises. The required agility for transformations will need to be achieved through seamless engagement between various IT departments. The need for robustness and flexibility will be satiated by the adoption of structured tests and quality engineering practices with embedded automation while ensuring the desired business and technology outcomes. While these provide the foundational capabilities needed for the enterprise, the resilience aspect would be safeguarded by employing fitting solutions for privacy of data with defined access controls. In addition, all of this will need to be done while incubating breakthrough solutions in a garage-driven mode to encourage a fail-fast approach in an MVP format.

TCS' Foundation for Agility and Resilience services is precisely focused on helping clients achieve all the aforementioned tools for transformation.

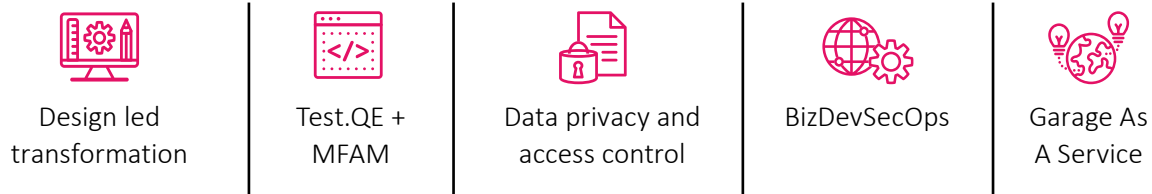
Overview

With an evolving business and technology landscape and the need for accelerated time to market, financial institutions need to strategize their testing and quality engineering to be more agile. Real-time front-to-back business processes, which require traceability of transactions need to have adequate risk controls while ensuring quality. In light of the increasing digitization of access control policies, security gaps and suboptimal IT systems can lead to bad customer experiences. Organizations need to ensure protection of customer's personally identifiable information and honor the consumer privacy preferences defined by regulations.

TCS BFSI's Foundation for Agility and Resilience is a design thinking-led transformation initiative that helps enterprises maintain customer data privacy with enhanced customer consent management. The advisory service provides for a privacy impact assessment via privacy management and sensitive data protection capabilities to ensure regulatory compliance. This is coupled with diligent test transformation through focused initiatives like the MachineFirst™ approach. With garage as a service, the offering accelerates the ideation to MVP lifecycle. These are rounded up well to be served in an integrated manner at an enterprise level through BizDevSecOps solutions.

Foundation for Agility and Resilience

Robust yet flexible foundation paving way for resilient operations and agile work culture



TCS foundation for agility and resilience

Our solution

The offering provides the following solutions:

- **Design-led transformation:** Transform the business and value chains from digital-first to must with design thinking processes including strategy and not just experience transformation.
- **Data privacy and access control:** Digitize access control policies by performing privacy impact assessment, recommending processes and tools, and building safeguards to become compliant.
- **Test.QE and MachineFirst Assurance:** Leverage TCS' unique IPs and delivery model aligned with TCS MFDM™ to enhance effectiveness and efficiency with built-in quality, to transform test and quality engineering adoption.
- **BizDevSecOps magnum code:** Establish a detailed, implementation ready BizDevSecOps blueprint and roadmap to optimize the entire IT life cycle.
- **Garage-as-a-service:** Enable collaboration to co-innovate, drive fail fast transformation, and improve speed to market by deploying ROI-focused MVP (Most valuable versus minimum viable product) in 6-8 weeks.

Benefits

TCS Foundation for Agility and Resilience offers the following benefits to enterprises:

- **Data protection:** Protect sensitive data from unauthorized access by automating the customer consent management process and data collection and usage process.
- **Optimized IT processes:** Define target architectures in terms of people, workplace culture, process, and technology, detailed stories for implementation, and key metrics with predicted value for DevOps roadmap establishment.
- **Multiple level influence:** Multifold gains in speed to market, quality, customer experience, and significant cost savings while retaining the brand image and complying with regulations.
- **Rapid ideation to incubation:** Leverage succeed or fail-fast approach via quick development of MVPs, pilot, or new features. Sustain and scale incrementally by accessing MVP outcomes as new business models or solutions to an existing business problem.

The TCS advantage

A partnership with TCS can help BFSI enterprises take advantage of the following key differentiators:



DevOps paradigm: TCS' BizDevSecOps QODE enables enterprises map IT strategy to on-ground implementation, starting with people roles. Our service predicts cultural, and team topology outcomes based on optimized target state for IT and is easily extensible to adapt variants of DevOps paradigm like DevSecOps, BizDevOps, AIOps, MLOps, and DataOps.



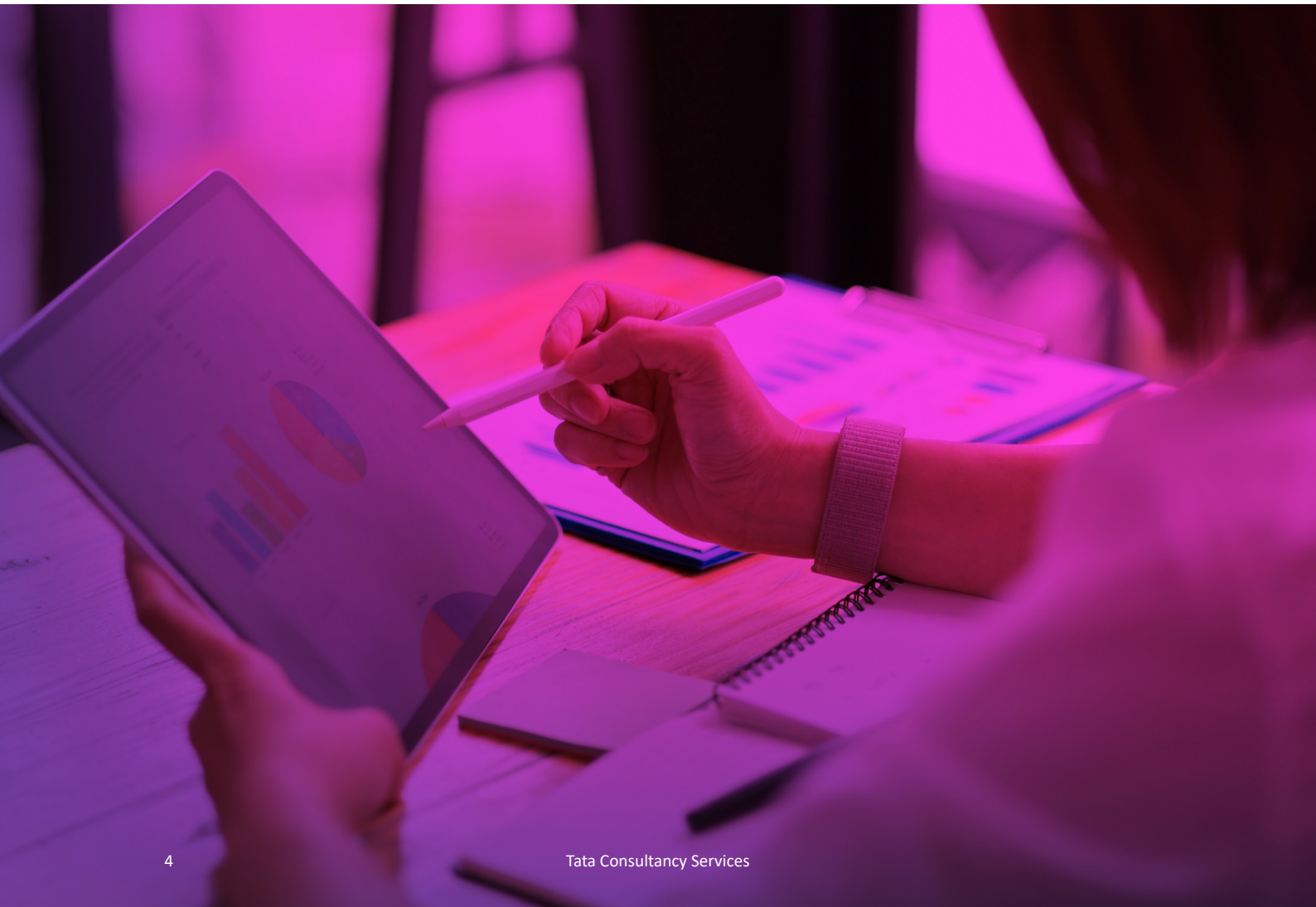
Data discovery framework: With pre-defined grammar for the discovery of structured and unstructured sensitive data, TCS' data discovery framework offers a unique blend of business and technology experiences. With the right mix of a multi-disciplinary team working in an open environment, and with garage to accelerate the transformative initiatives, we continuously create ideas to develop accelerators and assets for clients.



MachineFirst Assurance Model: The framework leverages TCS' tremendous investments in building pathbreaking platforms leveraging AI and ML applications with a reimagined test function box. This, blended with know-how and practices from a BFSI context, would provide a first-mover competitive advantage with a MachineFirst approach in the testing and quality engineering ecosystem.



Data protection: TCS' ready-to-deploy questionnaire, pre-defined grammar for personally identifiable information of customers, and generic access control policies for insurance and wealth management ensure customer data privacy.



Awards and accolades



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TCS offers an integrated portfolio of cognitive powered business, technology, and engineering services and solutions. The company's 500,000 consultants in 46 countries help empower individuals, enterprises, and societies to build on belief.

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