TCS Cognitive Controls Solution

TCS – Banking and Financial Services

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TCS Cognitive Controls Solution drives cognitive automations in internal control assurance:

Financial institutions are looking to embed robust controls into their risk management practices making processes more effective. It has become crucial for financial institutions to design and implement controls in a manner that assures support for organizational business strategy and associated business models.

The manual, sampling based, and judgmental assurance processes increase the probability of risk materialization leading to,

- higher residual risks and sensitivity to incidents leading to increased exposure.
- increased reputational risk, impacting business models. As per industry surveys, reputational index of the financial institutions has the highest influence on market cap.
- suboptimal processes leading to inefficiencies. Risk officers spend more than 50% of their time on risk management process as against strategic interventions for risk mitigations.
- uptick on regulatory, cease and desist actions on account of deficiencies in risk controls and its management.
- limited organizational agility in business model expansion due to the lack of robust control management. Suboptimal state often increases time to market for products or service launch by more than 100%.

The Solution:

Data driven cognitive capabilities and increased automation in control environment are the requisites for financial institutions to deliver the needed agility and enterprise assurance.

TCS Cognitive Controls Solution (CCS) is a comprehensive digital solution transforming financial institutions' control environment, that offers futuristic capabilities to deliver operating model transformations in Risk Assurance functions.

- Advanced data solution, automation and API framework facilitates automation in Control Test Execution and Validation
- Self Service Orchestration enables greater agility in Control Test Execution
- Advanced AI models drives intelligent Control Identification and Control Designs
- Metadata based evidence management framework brings greater agility in Evidence Onboarding
- Single point of engagement for all control testing

Business Outcomes:

With the growing significance of risk and compliance function in driving growth and competitive advantage, it is critical to prioritize capability enhancements in controls transformation and shift to data driven interventions to deliver needed enterprise assurance for enabling business model disruption and growth outcomes.

CCS delivers high impact business outcomes with:

- **Improved accuracy:** Improve the adoption of right controls with over 75% accuracy with AI-based recommendation engine

- **Automation**: Achieve operational efficiency and higher automation in controls management functions with up to 40% increase in automation in control testing
- **Population-based control validation**: Enable effective performance management of internal control environments with full population-based validation of controls versus sampling-based
- **Evidencing framework**: Meet internal and external audit requirements for your institution leveraging a robust evidencing framework
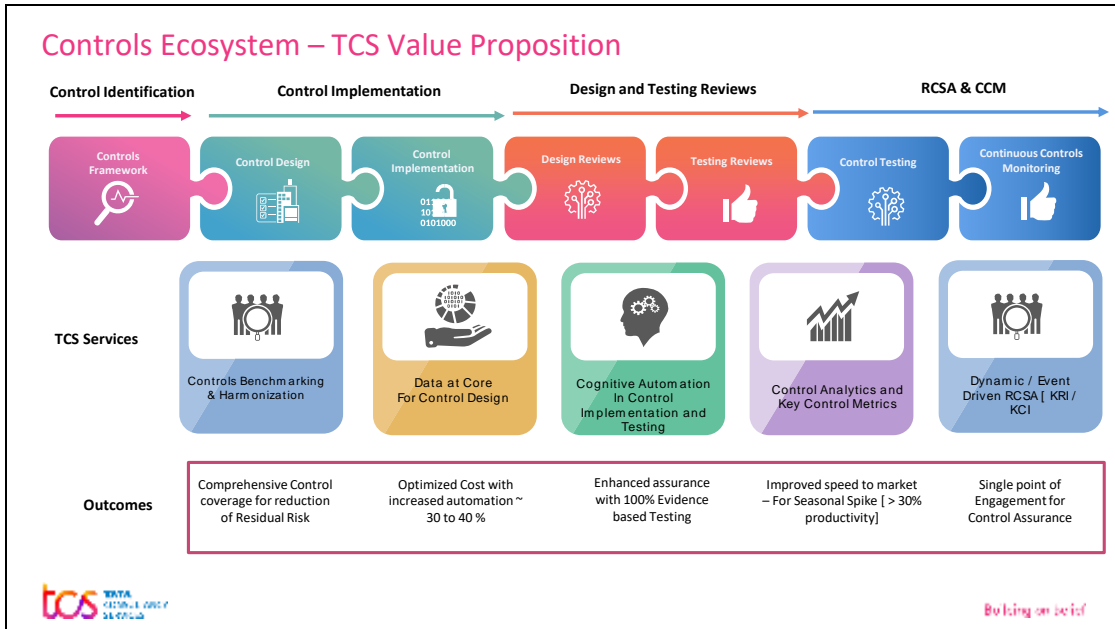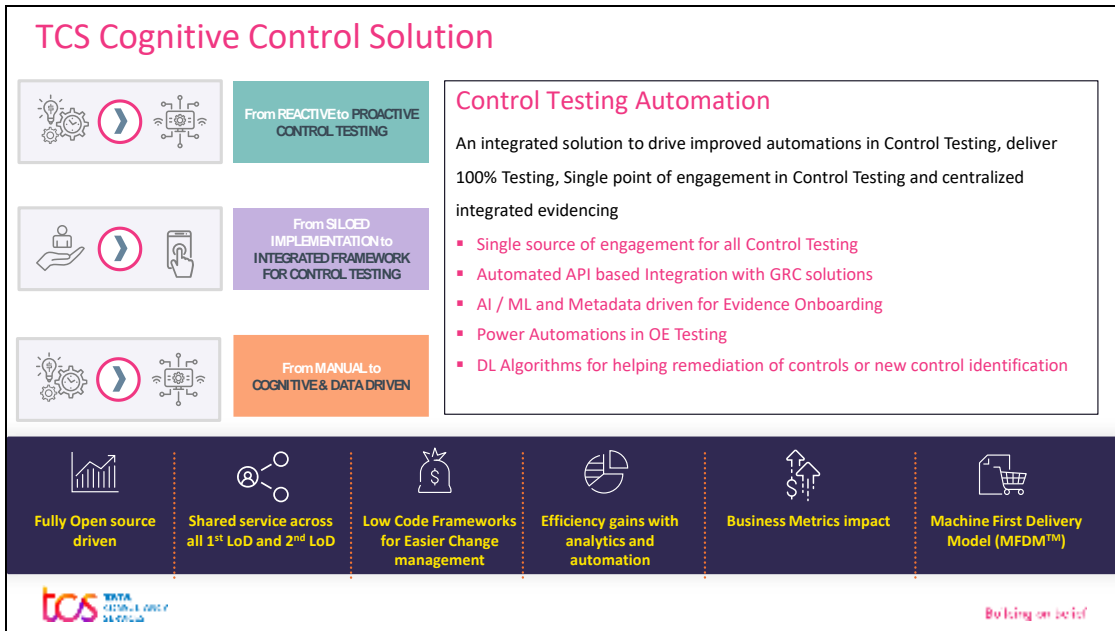

Figure 1 – Control Ecosystem – TCS Value Proposition

Figure 2 – TCS Cognitive Control Solution