TCS Cognitive Control Assurance Solution

BFSI CRO Strategic Initiative

Abstract

Financial institutions are looking to embed robust controls into their risk management practices to make 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. An integrated holistic solution that leverages smarter RegTech designs can help businesses drive intelligent interventions and assisted automation in control-management functions.

TCS Cognitive Control Assurance Solution provides control design & implementation, control assurance, control analytics, monitoring, and automation services to ensure effective risk management and assurance. The solution enables a data-driven methodology in the management of control environment and continuously provides insights for timely identification of control performance and interventions in risk management strategies.

Overview

Control assurance functions in organizations operate in an environment with complex risks and associated control environment. These are largely manual and very judgment-based with higher residual risks. This implies there is a higher chance of risks becoming serious incidents if not addressed in time. The suboptimal processes in control management can also cause increased reputation risk. Further, the manual nature of controls can cause human fatigue and increase the fallout from the risks.

TCS Cognitive Controls offers integrated solutions for control intelligence and automation through a single point of engagement. Powered by AI-based models for control identification and design, the solution leverages a suite of data solutions in combination with automation framework for control automation, and control testing. By increasing data-driven interventions and enabling intelligent automations in controls OE and DE assurance, the solution helps organizations effectively manage control environment and associated exposures. The solution is also integrated with an ML and analytics console to ensure effective management of controls environment.
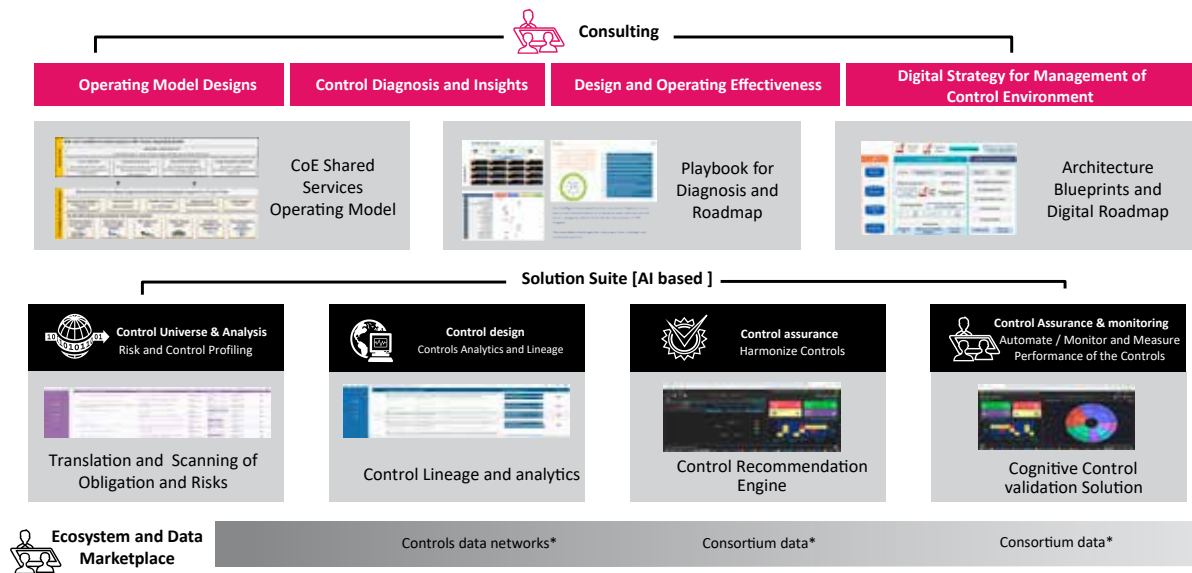
Figure 1: Key features of TCS Cognitive Controls Assurance Solution

Our solution

TCS Cognitive Controls Solution provides the following capabilities to enterprises:

- **Control universe and analysis**: Profile control by translating and scanning obligations and risks. Accelerate controls remediation by leveraging analytics and data-driven insights.

- **Control design**: Leverage suite of AI models with control lineage and analytics to identify deficiencies, and drive data-backed interventions in control identification and design.

- **Control automation and assurance**: Drive cognitive automation in controls management value chain by harmonizing controls with a cognitive solution, and recommendation engine.

- **Control assurance and monitoring**: Facilitate increased automation in control execution and validation with advanced data solution and automation framework.

Benefits

Cognitive Control Solution drives:

- **Improved accuracy**: A reduction in elapsed time for control identification by up to 80% helps improve accuracy and timeliness in control identification and design. Additionally, leveraging the AI-based recommendation engine can improve the adoption of right controls with over 75% accuracy.

- **Automation**: A 70% increase in automation in control execution and control testing can help deliver operational efficiency and result in higher automation in controls management functions.

- **Population-based control validation**: Enable full population-based validation of controls   versus sampling-based for effective performance management of internal control environments.

- **Evidencing framework**: Leverage a robust evidencing framework to meet internal and external audit requirements for your institution.

Why TCS

TCS' futuristic capabilities in controls management enabled by a suite of IP solutions offers financial institutions a way to transform their controls management function. Key differentiators include:

- **Advanced AI designs**: TCS Cognitive Control suite of solutions enables the transformation of the target operating model driving effective management. With functions such as control identification and design, the solution ensures impactful insights and interventions to mitigate risks and prevent them from turning into incidents.

- Strong domain expertise: TCS Risk and Compliance Unit with their deep domain expertise and diagnosis toolkits, playbooks help accelerate operating model transformation for the clients.

- Ecosystem based proposition: An ecosystem of solutions to transform organizational control environment.

- E2E value chain: TCS provides an ecosystem proposition to deliver interventions in the E2E value chain, offering real-time information and visibility across the control management value chain.

- Global partnerships: Our global experience and best practices can be leveraged in control transformation across business, financial, and non-financial risks.

Awards and accolades