

tcs BaNCS™



TCS BaNCS™ for Custody



Organisations are looking at a future where custody will be defined by digital assets, faster T+1/0 settlement cycles, 24x5 always-on markets, and AI-driven operations. They need a solution that can manage both traditional and tokenised assets, support real-time processing, adapt to ever-evolving regulations, and deliver uninterrupted client experiences, while controlling costs and reducing operational risks.

TCS BaNCS for Custody provides a single, future-ready platform to meet these challenges. It unifies the servicing of traditional and digital assets, supports high levels of automation across the trade lifecycle, and enables firms to operate efficiently in a world of T+1 settlement, 24x5 markets, and evolving market infrastructures. Enhanced with AI-powered intelligence and built for scale, TCS BaNCS helps institutions become more agile, resilient, and prepared for the next generation of asset servicing.

Overview

The custody services industry is increasingly being driven by the need to centrally manage and record-keep a growing set of asset class complexity and diversity. As investors diversify trading through traditional, alternative, and tokenised assets, custodians are pressurised to manage a wider range of asset classes through a unified operating model.

Another challenge faced by the custodians is faster trading cycles. The emergence of T+1 and T+0 settlement models, and the demand for 24x5 trading have redefined the post-trade operations. Organisations need real-time processing, advanced levels of end-to-end automation, more sophisticated liquidity and collateral management, and real-time exception resolution ensuring operational resilience at all times.

Meanwhile, key market changes in the US like treasury clearing, ISO 20022 adoption, tokenisation, and API-led ecosystems, and evolving European market requirements such as SIU and Euronext are reshaping the trade lifecycle.

Overlaying these developments is the adoption of artificial intelligence (AI). Although limited to trade prediction and anomaly detection right now, AI is all set to become an integral component of modern custody platforms.

The TCS BaNCS for Custody solution helps firms navigate this evolving landscape through a highly scalable and future-ready platform that supports traditional and digital assets on a unified foundation. By enabling straight-through processing, real-time operations, intelligent automation, and seamless adaptation to changing market requirements, the solution empowers firms to enhance operational efficiency, accelerate innovation, and confidently address the demands of the next generation of securities services.

Benefits

TCS BaNCS for Custody offers a wide array of benefits that meet these challenges head on. These are:

- Supports traditional, alternative and tokenised assets on a unified platform
- Provides intelligent operational insights through AI-enabled monitoring, trade prediction and anomaly detection
- Facilitates advanced liquidity and collateral management to support faster settlement cycles
- Enables quick adaptation to changing market structures, regulations and industry initiatives through configurable, API-enabled architecture
- Enhances transaction processing - the solution enables asset managers, custodians, and brokers/dealers to offer superior client services by providing timely and accurate information and execution. High levels of STP – from trade capture through matching, settlement and accounting – coupled with efficient SLA driven exception management in turn help improve the firm's operational efficiency
- Supports local, regional, and global custody in the same application instance
- Supports multiple asset classes, markets, and currencies
- Direct connectivity with local CSD/ICSD - this facilitates smooth integration with external market infrastructure such as brokers, depositories (CSD/ISDs), custodians, and internal systems (Cash/GL Systems) with the help of the service integrator solution from TCS BaNCS
- Automation of end-to-end processing of corporate actions - ensures minimal manual intervention, thus mitigating the risk involved in corporate actions processing
- Ensures a highly scalable processing infrastructure, which handles high volumes of local and cross-border trades and increased complexity of financial instruments
- Reduced TCO through open and highly interoperable technology components
- Offers a 24x7 processing environment to service the global securities markets across multiple legal entities and operational units in different time-zones
- Compliance to global standards: Supports compliance to SWIFT - SMPG and NMPG guidelines 15022 and 20022 standards
- Business intelligence tool enables customised reporting
- Modular architecture and rule-driven business processes ensure a high degree of reusability to cater to a new market which in turn leads to a quick time to market for roll-out



An overview of our custody and corporate actions solution

Features

As a validation of the benefits highlighted earlier, we present the features of the custody solution from TCS BaNCS:

- A unified custody platform to support traditional, alternative, and digital/tokenised assets
- Open, API-driven architecture enabling integration with digital assets and markets
- Comprehensive automated end-to-end trade settlement processing and safekeeping in a multi-entity environment
- Direct connectivity to depositories in various markets in APAC, USA, Latin America, Europe & Middle East as well as global custodians
- Fully Compliant with 15022/20022 standards as well as support for a wide range of SWIFT messages
- Highly granular and flexible 24x7 client and street-side position keeping model, real-time positions update
- Safekeeping of multiple asset classes, and view of different types of balances such as settled, pending receive, lent, collateral, blocked, available among others
- Multiple corporate actions announcements formats - helps in securing a clean 'Golden Copy' as per market rules, for a complete downstream corporate action processing
- Client-level standing instructions and rule-based processing for automated trade enrichment and processing enabling high rates of STP
- Automatic work item allocation to the user along with options for severity/flow/reassignment
- Direct access for customers of the bank via web channels and upcoming mobility tools
- Acts as the hub of an electronic network of systems, connected to markets, information providers, and street-side entities It also provides trade affirmation and pre-matching services, while also supporting contractual as well as actual settlements
- Multi-party communication - The solution automatically captures the corporate actions announcement in multiple formats from various sources and automates end-to-end corporate actions and income-based event processing
- Multi-currency, multi-entity, multi-time zone, 24x7 processing capabilities
- Rule-based engine - This enables high levels of Straight-Through Processing (STP) with ready, configured rules for major markets and industry segments with complete Securities Market Practice Group (SMPG) compliance
- Pre-defined templates - These templates can be readily used for notifications in the preferred mode of correspondence such as e-mail, SWIFT and fax, using a comprehensive baseof standing instructions
- Comprehensive portal - This highly-intuitive web channel presents individual clients, advisors and portfolio managers with a front-end application to manage client corporate actions instructions
- AI-ready foundation supporting intelligent operations such as trade prediction and anomaly detection

In a market where compliance to global standards, technological innovation, STP, multi-market, currency, entity support, increased trading volumes, and cost containment are of paramount importance, the custody solution from TCS BaNCS offers a complete solution to allay these concerns. It is a complete, robust and integrated platform with a constantly evolving yet cost effective technology for custody services enabling custodians to surmount every challenge.

About TCS BaNCS

The TCS BaNCS universal financial solution is designed to help financial services institutions enhance end customer experience, enabling them to embrace open and innovative technologies that embody true digital customer engagement. The comprehensive product suite has been recognized by leading industry bodies for its advanced depth and breadth of functionality spanning banking and financial services for 18+ years.

Deployed at more than 500+ installations worldwide, it is the largest collection of components, enterprise and consumer apps for the financial industry made available through the cloud, helping firms become more agile and intelligent by leveraging the power of new and extended ecosystems. It enables clients to utilize Artificial Intelligence (AI) to optimize and enhance their current capabilities while advancing operational excellence and improving risk management.

To know more about TCS BaNCS, please visit: <https://www.tcs.com/bancs> or write to us at tcs.bancs@tcs.com

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services (BSE: 532540, NSE: TCS) is the technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

It has set an aspiration to become the world's largest AI-led technology services company and is enabling its clients to transform themselves across the full AI stack, from infrastructure to intelligence.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce spread across 55 countries and 202 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to artificial intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2025.

For more information, visit www.tcs.com