

TCS BaNCS™ for Trading

Reimagining high-speed trading & settlement across assets



Overview

TCS BaNCS™ for Trading is a best-in-class integrated trade-to-settlement solution for broker-dealers, clearing members, third-party clearing members, and order management for wealth and asset managers. It is a multi-market, multi-asset system supporting listed equities, fixed income, derivatives on equities and commodities, crypto assets, and Islamic instruments.

TCS BaNCS for Trading has been deployed for more than 40 customers across 7+ countries, connecting more than 30+ markets through direct market connectivity, order routing networks (Like Reuters, Bloomberg), and partner brokers. With TCS BaNCS for Trading, institutions gain a robust front-to-back platform that empowers seamless execution, real-time risk control, efficient clearing, settlement, and end-to-end compliance – all on a future-ready as well as T+1-ready open architecture.

TCS BaNCS for Trading includes:

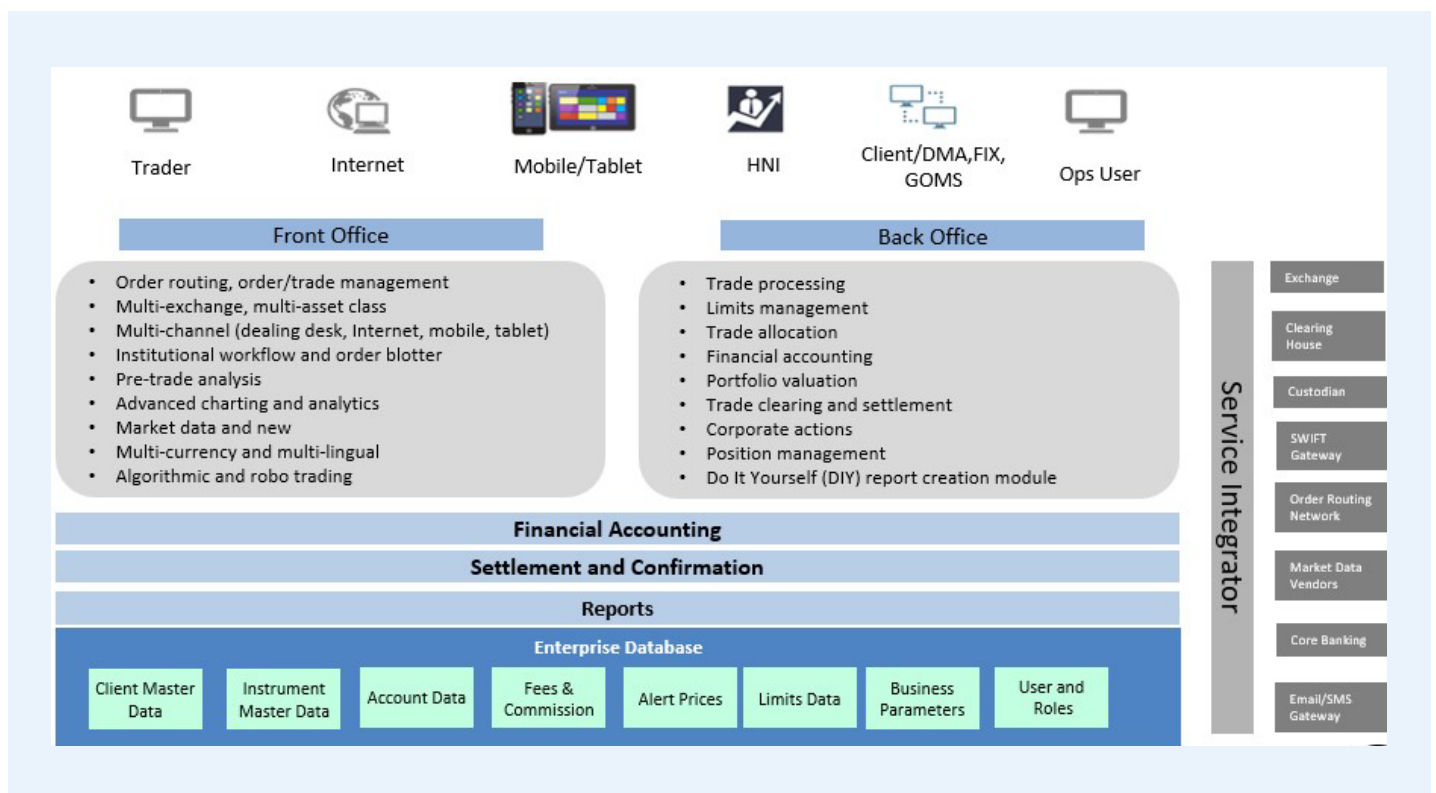
- **TCS BaNCS for Trading Front Office:**

Order Management System (OMS), Execution Management System (EMS), market data, including Tick by Tick for algo traders, risk management, trading channels for investors, traders, and Direct Market Access (DMA).

- **TCS BaNCS for Trading Back Office:**

Post-trade clearing, settlement, risk management, collateral management, and regulatory reporting.

TCS BaNCS for Trading - Schematic diagram



With built-in support for both institutional and retail flows, TCS BaNCS for Trading is designed for low-latency execution, regulatory compliance, cross-asset leverage, and global market connectivity. Featuring built-in integration with TCS BaNCS for Market Infrastructure and Quartz™, it enables real-time exchange of master data, trade, position, and collateral data with clearing houses. This, in turn, leads to faster rollout of new products and services besides powering operational agility.

It supports connectivity to global liquidity pools either directly via native or Financial Information eXchange (FIX) protocol, or through partner brokers over FIX buy-side/sell-side connectivity using industry standard FIX protocol over global order routing networks (Bloomberg EOR, ROR, among others). It can be deployed on-prem or Cloud (SaaS and managed services model).

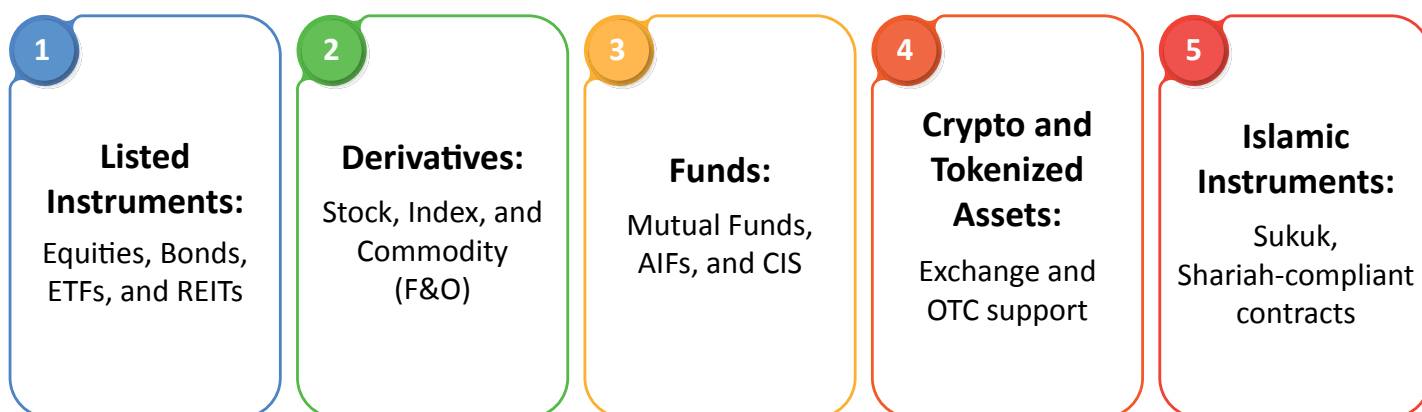
TCS BaNCS for Trading Front Office (FO)

TCS BaNCS for Trading FO offers high-speed, low-latency trading capabilities, complete with OMS, EMS, real-time market data interfaces, pre-trade risk, and compliance checks.

Features

- Order management and routing
- Smart order routing and algo trading
- Continuous portfolio risk monitoring
- Market data and analytics
- Dealer and desk management
- Client order management
- API and FIX connectivity
- Regulatory reporting and compliance
- Embedded smart contracts using Quartz for Trade, Finance & Settlements
- Advanced event management and business rules engine for local customization

Asset Class Coverage



Retail trading

TCS BaNCS for Trading delivers intuitive and secure workflows for retail investors with plug-ins for digital onboarding and investment automation. It supports instantaneous execution through:

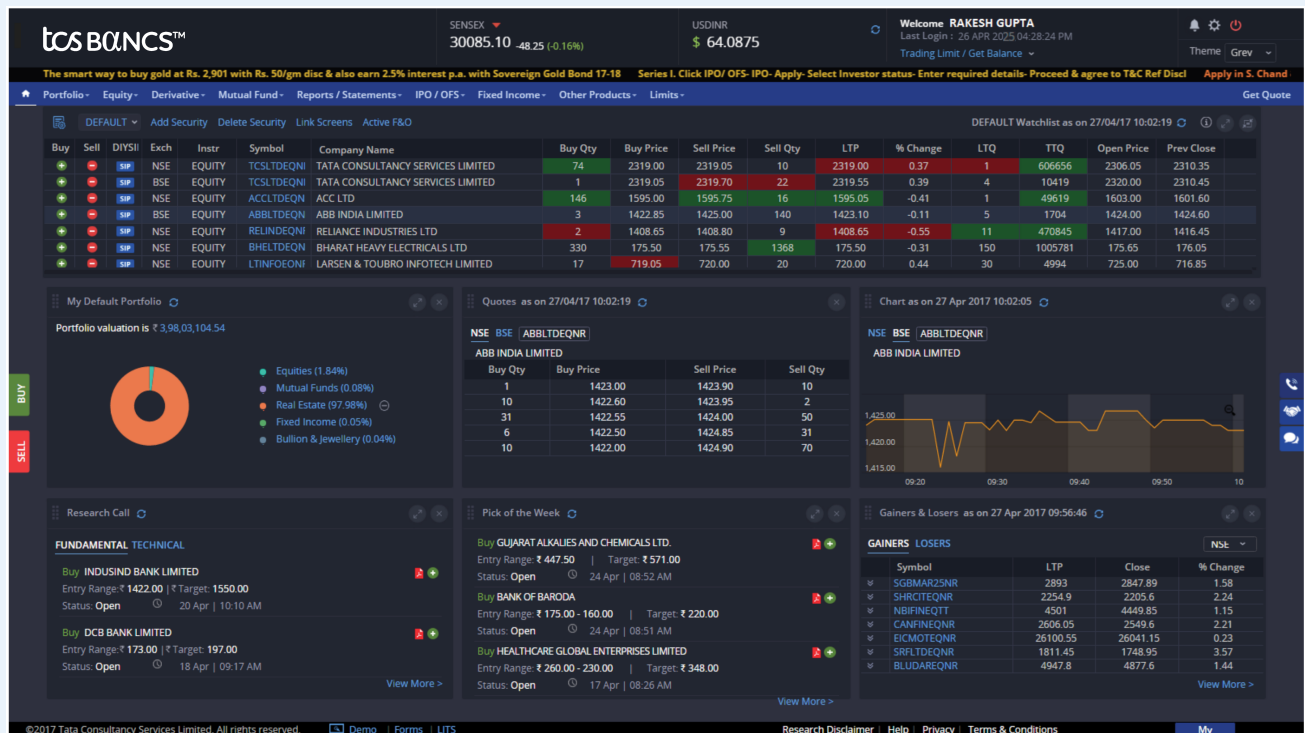
Web trading: A secure, browser-based trading portal offering near instantaneous order placement, market depth, and advanced charting. Empowers brokers and clients with instant access to multi-asset markets via a rich, intuitive web interface.

Mobile trading: A feature-rich mobile app enabling on-the-go trading, live quotes, portfolio tracking, and instant notifications. Delivers a seamless, secure trading experience for today's digital investors.

Chatbot: Messaging-based bot, which can communicate with messenger services (Facebook, WhatsApp, and WeChat). Chat-based trading for investors, simplifying the trading experience.

Robo trading: An advanced engine for deploying algo trading and automated trading strategies with low latency execution and risk controls. Helps brokers and traders maximize liquidity, speed, and precision through smart, rule-based trading boots.

Web-based trading system



Portfolio view: A comprehensive multi-portfolio application providing complete information of holdings across asset classes, markets, and currencies, displaying asset-wise allocation, and applicability of corporate actions and real-time valuation.

Institutional trading

TCS BaNCS provides a low-latency platform with algo trading strategies for the best execution, offering:

- Electronic access to the order blotter as well as Direct Selling Agent (DSA) for portfolio managers/fund managers
- Intelligent rule-based routing to liquidity pools
- Program trading along with management of lists, baskets, and trading
- DMA to liquidity pools and order routing networks (ROR, Marco Polo, and partner/broker)
- Algo trading as well as access to algorithms developed by brokers/third party
- DSA for brokers to offer TCS BaNCS trading algorithms to the buy side

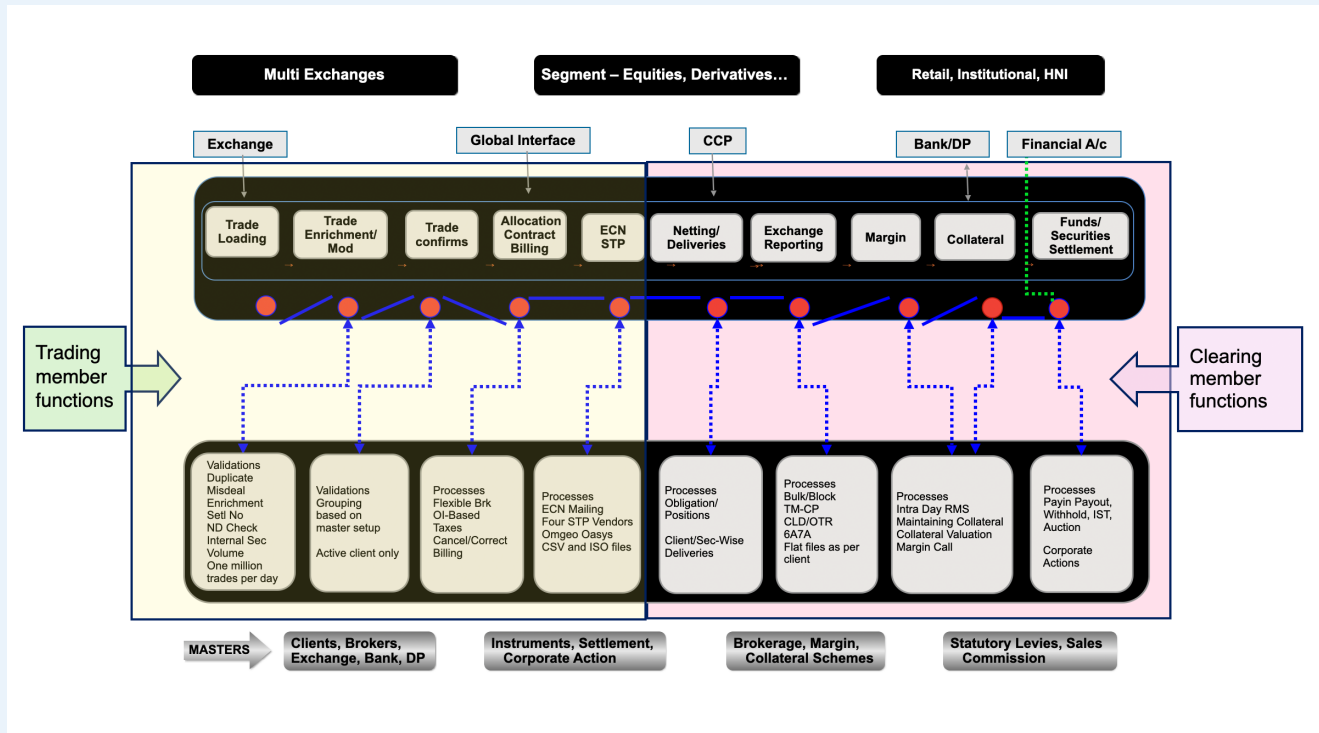
TCS BaNCS for Trading Back Office (BO)

TCS BaNCS for Trading BO solution empowers brokers, clearing members, custodians, and exchanges with a unified, dynamic post-trade processing environment that drives efficiency, accuracy, and compliance across the entire securities lifecycle. Built to support atomized on-demand trade per trade settlement, T+1, and same-day settlement cycles (T+0), TCS BaNCS for Trading BO handles the complete post-trade processing.

Key capabilities:

- Trade affirmation, allocation, and matching
- Clearing and netting engine with support for Central Counterparty Clearing houses (CCP) flows
- Margining, collateral management, and corporate actions
- Settlement (DvP, FoP, RTGS), fails management, repo and securities lending
- Ledger accounting, books and records, and tax and fees
- Regulatory and compliance reporting, ISO20022 support, and SWIFT-enabled
- Open APIs for integration with exchanges, depositories, custodians, and payment gateways

Back Office functional overview



Benefits

TCS BaNCS for Trading can accelerate business growth by offering:

- Digital-anytime-anywhere trading channels
- Increased trading efficiency and control
- Unified cross-asset architecture
- Retail, institutional and clearing and settlement under one roof
- Cloud-deployable, API-driven
- Support for all types of trade executions, namely care orders, DMA, algo trading, and DSA, increasing dealer productivity and efficiency
- Powerful reporting tool for build-your-own reports
- Automated, configurable processes with self-healing capabilities
- Superior risk management
- Supports lifecycle for digital, crypto, and tokenized assets

TCS BaNCS for Trading has a strong provenance of managing scale and delivering certainty in multiple markets, even while ensuring compliance with local regulations.

Building the future of capital markets

Combining TCS BaNCS for Trading with TCS BaNCS for Market Infrastructure and Quartz Smarts Solutions for Intelligent Insights, Crypto Services, and digital assets, we empower capital market participants to trade smarter, clear faster, and operate with trust and intelligence. Seamless integration, streaming insights, and a secure digital foundation ensure that you stay compliant, resilient, and ready to lead an evolving market landscape.

About TCS BaNCS™

The TCS BaNCS™ 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 by deploying at more than 450 installations worldwide.

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 (TCS) (BSE: 532540, NSE: TCS) is a digital transformation and 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.

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 of over 607,000 consultants in 55 countries and 180 service delivery centres 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 US \$30 billion in the fiscal year ended March 31, 2025.

For more information, visit www.tcs.com

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