

TCS BaNCS™ for Real-Time Payments



INSTANTANEOUS

Overview

As more consumers are leaning towards embracing faster and more convenient forms of payments, financial institutions who fail to innovate risk getting left behind. The pandemic has accelerated the momentum on this with in-hand forms of currencies turning obsolete and NFCs and other modes of contactless payments taking over at a rapid pace. How can organisations leverage an instant payments solution that can facilitate a quick time-to-market, offer contextual user journeys, seamlessly adopt Request-to-Pay and proxy management schemes, and ensure faster market compliance.

The Real-time Payments solution from TCS BaNCS brings together proven functionalities that support real-time payment schemes in multiple geographies, underlined on three key principles i.e., speed, convenience, and 24/7 availability. Its niche features are built around the core elements of proxy management, instant credit transfer, Request-to-Pay, and event-driven capabilities. Further, the solution leverages an ISO20022-native data model, facilitates quick integration, and supports cloud nativity making it a complete end-to-end instant payment offering.

Invisible, Real-Time, 24x7 Available

The Real-time Payments solution from TCS BaNCS can help organisations offer a superior customer experience with its extensive proxy management features, configurable processing flows, and SLA management capabilities. The solution is built on an ISO20022-native data model and offers the flexibility to upgrade in case of any future changes in regulations. It uses a modern microservices architecture, rich APIs, and cloud-native capabilities to deliver business and technical advantages. Built on a flexible event-driven architecture, the solution supports diverse processing and messaging requirements while meeting settlement scheme SLAs ranging from 2 to 15 seconds. It possesses intricate order management capabilities and can manage end-to-end unitary and bulk payment life cycles as part of Request-to-Pay for businesses and corporates.

Key Features

The solution caters to customers, merchants, corporates and businesses' real time / instant payment needs for instant credit transfer and Request-to-Pay market schemes.

- Consumer end-point payments - P2P, P2B models
- Merchants and corporates - Request-to-Pay features
- Bulk payments and collections processing for corporates, businesses
- Proxy externalisation features for corporates, businesses
- Quicker time-to-market using an event-driven approach, configurable process flow mapping, and extensibility features
- Seamless integration with the bank's landscape and settlement systems leveraging an ISO20022-native data model with the option for future upgrades. Channel-agnostic integration with an enriched set of exposed APIs for proxy, processing, and approvals.
- Add-on features like stand-in server support for non 24/7 banking landscape scenarios
- Lower onboarding costs with managed Cloud / SaaS options

Benefits

- Continuous, 24/7 support for instant credit transfer and Request-to-Pay schemes.
- Event-driven framework supported at both business and technical levels with synchronous and asynchronous capabilities.
- Quick adaptation to instant payment schemes and bank requirements with configurable process flow mapping and extensibility features.
- Extensive proxy management features with multiple proxy support and SLA management.
- Real-time liquidity monitoring.
- Add-on stand in server capabilities to support 24/7/365 landscape limitations.
- Integrated with TCS BaNCS' payment order layer microservices for corporate bulk instant payment or Request-to-Pay processing needs.
- Advanced microservices architecture with an ISO20022-native data model, enriched API set, and cloud nativity.
- Off-the-shelf real-time dashboards, extensive traceability, and audit features



24x7 Available, Fast, Secure

The TCS BaNCS Advantage

- An integrated SWIFT-certified and SWIFT gpi-ready solution that supports real-time payment processing across multiple geographies, entities, and currencies adhering to rules and standards.
- Built on a modern scalable architecture that seamlessly integrates with new ecosystems through well-defined APIs and a variety of online and offline channels.
- Comprehensive support for traditional products like credit transfers, direct debits, and cheques alongside newer offerings like real-time and blockchain-based payments.
- Implemented across the world, TCS BaNCS' agile-based implementation methodology enables faster ROI.

Customer Successes

- A leading Canadian organisation adopted TCS BaNCS to accelerate its modernisation initiatives and delivered a next-generation payments experience to their customers.
- A marquee bank in the Middle East transformed international operations with a rich enterprise payments hub to launch new innovative services and enhance customer experience.
- TCS BaNCS facilitated a smooth go-Live for a large European bank amid the CoVID-19 pandemic.

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