

tcs BaNCS™



TCS BaNCS for Payments



The payments landscape has been undergoing an accelerated overhaul with rapid changes in market dynamics, increasing customer expectations, and ever-evolving regulatory measures. These, and more, provide financial service providers and payment operators, global or local, with both a challenge and an opportunity. It is clear that financial services providers and payment operators must differentiate themselves by launching innovative products with an effective cost structure, and upgrade their infrastructure to adapt swiftly to the changing market environment, thereby gaining a significant competitive advantage. The decisions taken and executed by these organizations will determine whether they benefit from the opportunity or are unable to overcome the challenges.

TCS BaNCS for Payments is an integrated solution that offers extensive end-to-end multi-product payment processing capabilities. The solution is built on a modern architecture that enables easy integration with customer channels, internal systems and market infrastructure, leveraging API driven capabilities. TCS BaNCS for Payments is natively built on ISO 20022 standards and is deployed in 25 countries across various global and regional organizations, supporting more than 40 clearing systems, offering unified monitoring of operations, integrated Management Information Systems (MIS) and analytics.

Overview

Innovation and flexibility are vital to meeting the challenges thrown by rapidly increasing competition, swiftly evolving regulations, and constantly expanding customer expectations. Financial institutions need to be able to quickly introduce new cost-effective products and services to ensure business growth.

The payments solution from TCS BaNCS offers multi-entity, multi-currency, multi-country capabilities ranging from the acquisition of instructions to clearing and settlement while supporting a wide variety of products across domestic and international transfers, direct debits and cheque clearing. This comprehensive product support is offered on top of a modern architecture that allows for the quick rollout of new offerings ensuring competitive advantage. The solution is built on ISO20022 standards, is SWIFT certified and SWIFT gpi ready. It helps in stronger management of risks and supports rapid, seamless integration of external applications to existing legacy systems and vice-versa. Its ability to deploy multiple entities with flexible components encompassing mid- and back-office processing has been proven to enhance operational efficiencies in the range of 20-40% across our various customers.

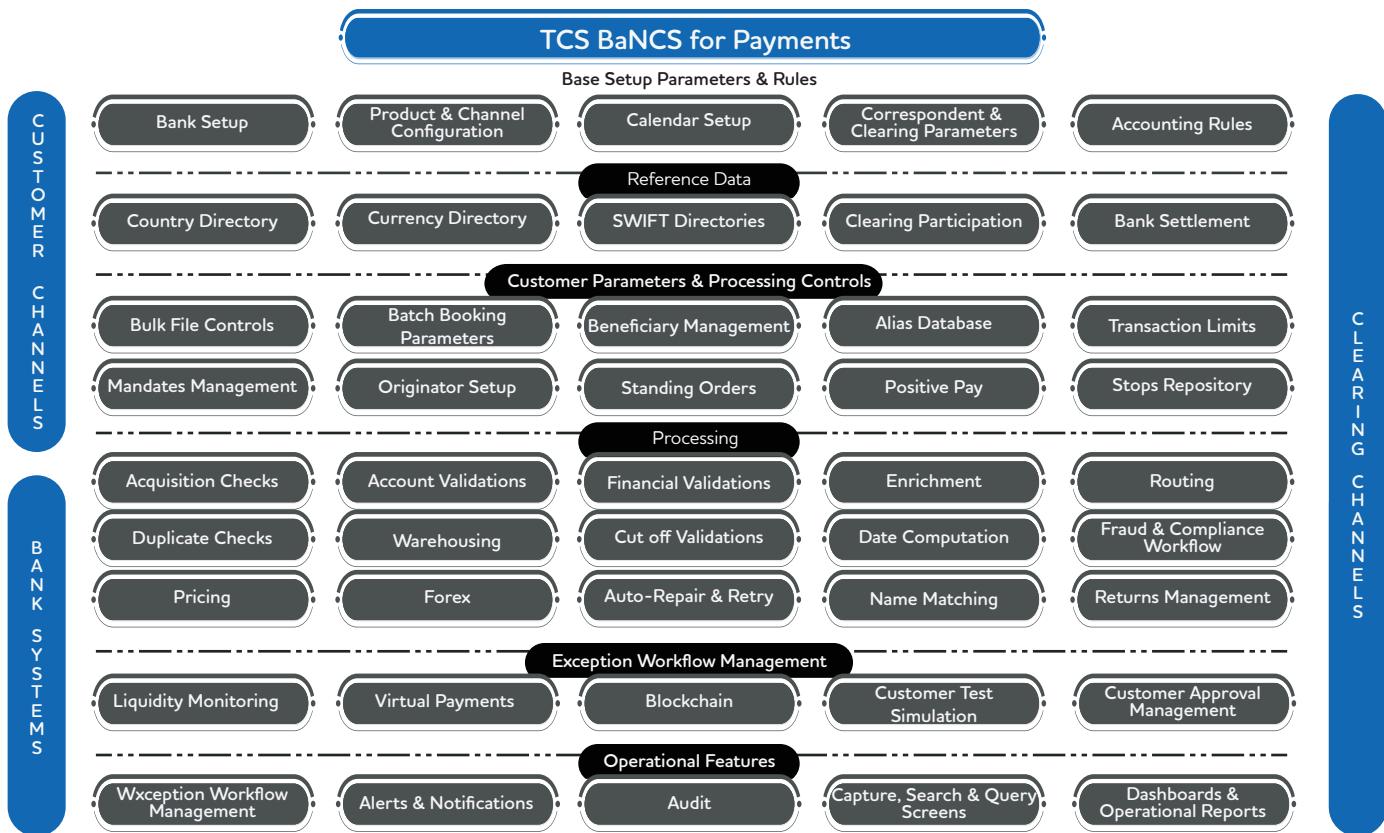
TCS BaNCS for Payments

TCS BaNCS for Payments is a comprehensive solution that supports:

- **Real-Time Payments:** Enables processing of real time payments across multiple geographies with different clearing rules, SLA requirements, account addressing and messaging standards.
- **Cross-Border Payments:** Supports international payments through SWIFT, SEPA and SWIFT gpi and has been consistently certified for the payments market with SWIFTReady labels for more than 10 years now. The solution has a proven track record of processing international payments across the entire value chain with features like auto-repair, routing identification, FOREX management and pricing.
- **Domestic Payments:** Supports numerous high and low value payments clearing and settlement systems.
- **Direct Debits:** Supports domestic and cross-border (SEPA) processing. Functionality includes support for both the collecting and the paying bank with features like mandate management and returns processing.
- **Cheque Processing:** Supports image based cheque clearing both as a payee and payer bank.

With its integrated payments processing and cash management capabilities, the products has helped us in enhancing our offer on the international banking business.

- First National bank



Benefits

- **Modern Architecture:** The solution is built on a modern and scalable architecture with component based design. Integration with new and extended ecosystems is enabled through well-defined APIs. Microservices and container based scalable components make the solution easy to deploy and maintain.
- **Channel & Format Agnostic:** The solution seamlessly integrates to a variety of online and offline channels. The processing of the payment is decoupled from the channel and format in which it is acquired.
- **Multi-Product Offering:** Comprehensive support not only for traditional products like Credit Transfers, Direct Debits and Cheques but as well as for newer offerings like Real-time and blockchain based payments.
- **Enhanced STP rates:** Leveraging extensive market and internal reference data, the solution is proven to have enabled STP rates near or above 99%.
- **Operational Efficiencies:** With off-the-shelf availability of a real-time dashboard, easy navigation, exception management queues, multiple repair modes and extensive search & audit features, TCS BaNCS enhances efficiency in operations.

The TCS BaNCS Advantage

- **Global Coverage:** The TCS BaNCS universal financial solution, deployed at more than 450 installations worldwide, 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.
- **Aligned to Business 4.0:** TCS BaNCS has adopted the themes of agility, automation, Artificial Intelligence and cloud readiness and the benefits of these are reaped by our customers.
- **Accelerate Digital Transformation:** Leverage the TCS BaNCS Digital capabilities to extend the digital experience to the end customer to manage payments, initiate bill payments, organize payees and enquire about processed payments.
- **Comprehensive Implementation Experience:** TCS BaNCS has been implemented across the world, which has resulted in the adoption of global best practices in the solution. Further, TCS BaNCS' agile based implementation methodology goes a long way in enabling faster return on investment.
- **Continuous Adherence to Regulatory Compliance:** TCS BaNCS' commitment towards ongoing compliance with evolving regulations ensures a distinct advantage to customers.

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 (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 15 of the world's most prestigious marathons and endurance events, including 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