

tcs BaNCS™



# TCS BaNCS for Islamic Banking



With Islamic finance poised for further growth in the next few years, the industry is in need of customized technology solutions and interoperable systems affording a 360-degree view of processes, while they also address the critical areas of risk and compliance. The need of the hour is flexibility in the form of rapid time-to-market for innovative products, scalability to manage large volumes and a competitive cost structure. Meanwhile, conventional banks are looking for a common platform that can provide opportunities to invest and borrow according to Islamic principles defined in Shariah law, while offering the benefits of diversification and a full range of banking products.

We, at Tata Consultancy Services (TCS), offer the Islamic banking solution from TCS BaNCS that supports a variety of models, is flexible, allows for quick time-to-market, while also addressing risk management and unique tax treatments under Shariah law across various geographies.

## Overview

### Any place is a banking place™ paradigm

With growing population and affluence in the Islamic community, the focus on Islamic banking and financial products have increased manifold. The scope of Islamic banking has widened and is continuously evolving with the introduction of a range of new products targeted at new customers. An Islamic banking solution that supports sophisticated and flexible product manufacturing processes can help banks gain a competitive edge. Furthermore, banks cannot ignore the need for a scalable solution that enables them to grow and manage larger volumes while addressing the critical areas of risk and compliance, customer retention and acquisition.

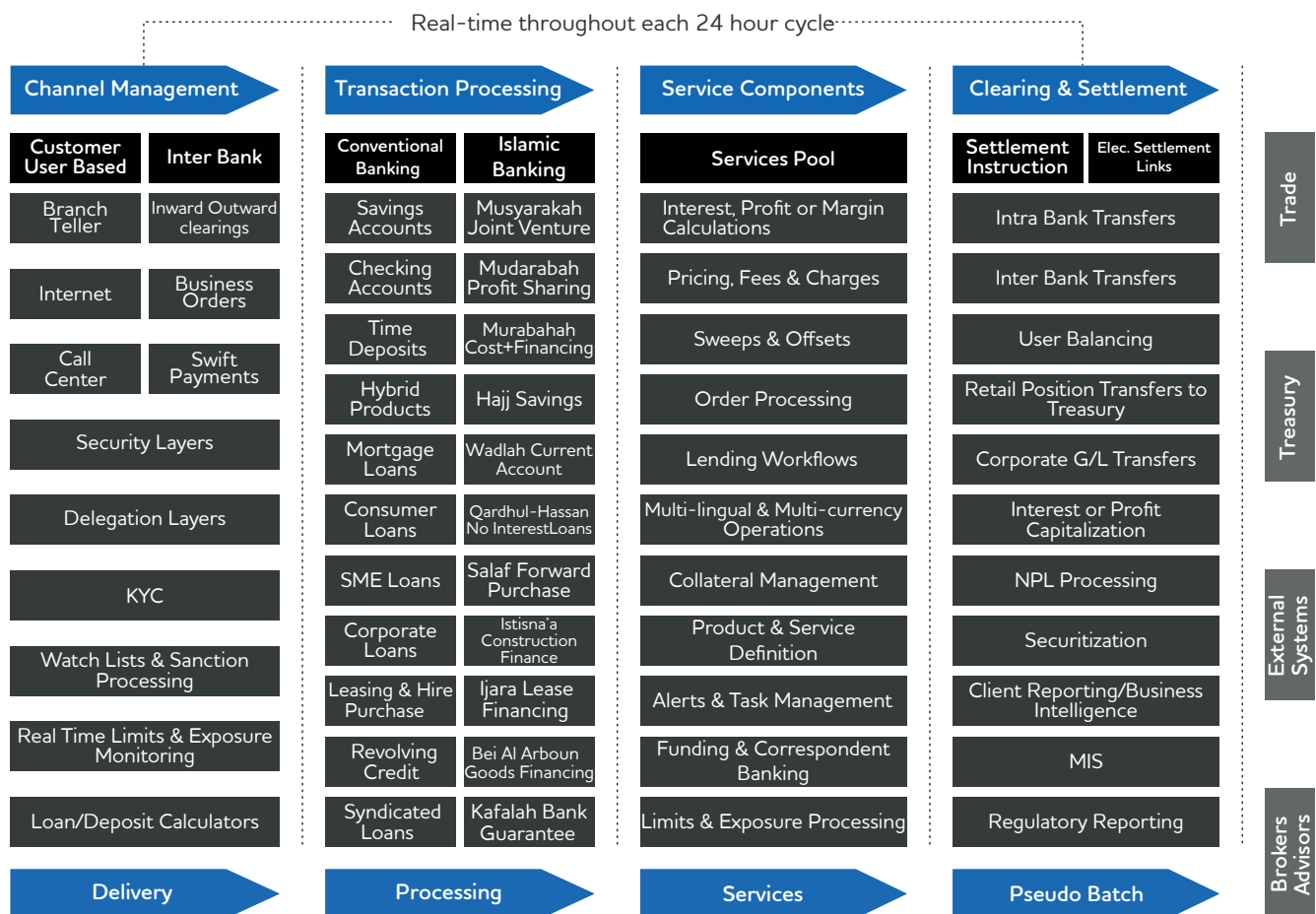
Our Islamic banking solution helps both conventional banks and pure Islamic banks looking to create an Islamic window or subsidiary, with their core banking, risk management and treasury needs. Further, it enables financial institutions to innovate and develop new instruments, while focusing on corporate and small business financing, including investment banking and Takaful.

With our expertise in financial services consulting, technology, and outsourcing, we have partnered with numerous financial institutions to offer cost effective solutions. Our customers across banking, capital markets and insurance areas in Australia, India, Indonesia, Qatar, Bahrain and Europe have deployed this solution successfully. From one of the largest banks in South Africa (~2.2 million customer base) to a bank in Indonesia (~6.5 million customer base) running the solution, including the first Takaful Insurance Company in Bahrain, TCS BaNCS covers the entire spectrum of Islamic finance. Retail and investment banking, Islamic treasury and trade finance solutions backed by best practice business processes for Shariah compliance come together to empower our customers across the entire value chain.

## Benefits

The Islamic banking solution from TCS BaNCS is an integrated Islamic financial ecosystem, offering banking, capital markets and insurance solutions, on both conventional and hybrid instances, made available from a common platform. Our solution, which also includes core banking, risk management and treasury, caters to organizations looking to gain an entry into the space through an Islamic arm, and to those who wish to maximize returns from their existing Islamic banking strategy. In addition, the solution:

- Offers a 360-degree view of the customer for the bank and of the bank for the customer
- Enables platform flexibility, cost efficiency and unmatched scalability through its component-based technology architecture
- Allows for rapid product development and process configuration
- Helps address critical areas of compliance and risks, additional contracts and unique tax treatments under Shariah law across various geographies
- Enables innovation and development of new instruments



An overview of our Islamic banking solution

## Features

TCS BaNCS is designed around a parameterized (business component) model and is specifically enabled to service the business objectives of customers, products, accounts. Our Islamic Banking solution can be installed as a complete package or deployed in extensible modules completely integrated with existing legacy systems, according to the customer's needs. The key features include support for:

- Full transaction lifecycle from acquisition to servicing, for a complete range of retail, commercial, and corporate products
- A variety of financing arrangements base on flexible, agile and function-rich product configuration options such as Murabaha cost-plus financing, Tawarruq Shariah compliant liquidity/ financing, and Ijara leasing, among others
- Foreign exchange, remittances, payment cards, and Islamic trade finance contracts including letters of credit based on Wakala, Mudaraba, Musharaka as well as letters of guarantee based on the Wakala concept
- Islamic treasury operations such as commodity Murabaha, reverse commodity Murabaha and Sukuks
- Deposit products such as savings accounts, Wadiah accounts, current accounts, investment accounts, and restricted investments
- Separate records and customization for funds underprofit calculation and distribution parameters

Our solution can be integrated with a suite of financial products offered by the TCS BaNCS universal financial platform and also third-party products outside the product suite. We conduct single-layer integration for all data sources, service repositories, and process repositories. These aspects ensure a quick deployment of the solution and enable you to capture economies of scale by leveraging existing capabilities.

In addition, development tools from TCS BaNCS allow for modeling and deploying of business services, while they also help you:

- Gain an overview of the component repositories of various products and configuration of a solution
- Change parameters, processes and workflow definitions
- Provide insight into data models and database designs
- Report on contents of repositories, including externalized business services
- Allow rapid and easy integration of external services with TCS BaNCS and vice-versa
- Prototype custom user interface or alter existing user interfaces
- Develop custom code and integrate them with TCS BaNCS application programs and services
- Configure 24/7 operational profile for solution deployment including defining of period-specific operations

## 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](mailto: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](http://www.tcs.com)