All banks today are keen to be seen as innovative, intelligent and intuitive. Innovative, in that they are using digital technologies to enable a rich and superior customer experience. Intelligent, in that they tap into Artificial Intelligence in the form of advanced analytics, Machine Learning and conversational assistants to know customers and let customers know their own banks better, and position personalized, contextual solutions to the customer at the right time and place, without being intrusive. Intuitive, in that they are able to predict future customer needs, and in order to harness the benefits of rapidly evolving technology, design technology that is future proof.

- How can your bank redesign the experience you give to your customers across their life and purchasing journeys?
- Can you take up the challenges that open banking brings and embrace it to redefine your business models, invest in partnerships to enhance revenues from larger, connected financial ecosystems?
- How can you leverage emerging and disruptive technologies to automate business processes and make transactions more efficient, even while you adhere to regulatory and security needs, and make the necessary cultural changes in your organization?

**Digital First, Cloud First Banking**

What your bank needs is a trusted, reliable and experienced technology partner who can help give your customers the solutions they need tomorrow, today. The TCS BanCS Global Banking Platform is a solution that enables this for you. Deployed across retail, corporate, private, Islamic banks of varying sizes, co-operatives, non-banking financial institutions, micro-lenders and credit unions, the TCS BanCS solution offers the largest collection of components, enterprise and consumer apps made available through the cloud and on-premise, helping firms become more agile and intelligent. Recognized and ranked consistently as a leader by industry experts worldwide, the solution has been installed across more than 450 sites worldwide.

At TCS BanCS, we are working on the strategy of Digital First, Cloud First. TCS BanCS enables you to offer products and services to your customers throughout their lifecycle, and journey with your bank, based on their anticipated requirements, and over the devices of their choice. It is an integrated solution comprising innovative and adaptive digital apps and a high performing processing engine supporting a suite of a wide range of products and services covering assets and liabilities, cash and securities, and is deployed to fit the business and operating model of a bank with an assured 24x7x365 availability.
Transforming to the True Digital Core

With TCS BaNCS, your bank will be able to create a strong Digital Core to bring in true and end-to-end transformation—right from distribution channels and to the core processing engine. The strong Digital Core of TCS BaNCS can expand the art of the possible by making business transactions and services highly secure, easy to integrate with, alongside functionally granular APIs available in the larger ecosystem that the bank is operating in. This approach of API based banking, while at one end, enables the customer of the bank to leverage her account as a powerful means to transact based on her consent and subject to her authorization and, from another end, brings customers of other service providers into the bank in a seamless manner, enabling opportunities for exponential growth.

TCS BaNCS for Banking services more than 25% of the global population.
Two of the world’s largest core banking implementations run on TCS BaNCS, processing 1BN accounts.

TCS BaNCS is built on a modern and open architecture embracing best-in-class principles, giving the solution a future proof edge. The n-Tier Java-based, cloud friendly architecture adopts best practices such as:

- Elastic scalability enabled by container based deployment and microservices-oriented product development.
- Strong and complete integration framework that include adaptors for interoperability with evolving industry solutions, including those that are based on Blockchain.
- A co-existence capability, which aids in migrating from a traditional core banking to a modern Open Banking-oriented solution.

The solution’s integrated analytics engine is designed to give you deep insights from varied sets of data across multiple channels, customer behavior and needs, and enterprise performance. The extensive and varied domain experience and knowledge gained from deploying the TCS BaNCS solution over more than 450 banks worldwide, has resulted in the creation of a number of descriptive and predictive analytical models which add value in all channels of engagement with customers—be it through an enterprise user or self-service digital channels.

Putting Artificial Intelligence (AI) to work by enhancing the efficiency of the operations of a bank is now an integral part of our product strategy. Embedding AI techniques like Natural Language Processing (NLP) and Machine Learning (ML) into the Digital core, TCS BaNCS brings innovative solutions such as a Conversational User Interface to augment customer servicing capabilities. ML techniques make it possible to enhance operational efficiencies with better exception management in manual effort intensive processes such as reconciliations, compliance (AML) and others.

The TCS BaNCS Advantage

The TCS BaNCS solution directly impacts a bank’s most critical performance areas—customer engagement, business agility, organizational productivity, operating costs, and regulatory compliance—all of which have a bearing on its profitability. Our customers have used the solution to achieve impressive and tangible business goals as illustrated in the graphic.

By empowering our customers to embrace risks, leverage new and extended ecosystems, and create exponential value—which are key elements of the TCS Business 4.0™ framework — we are able to foster growth and transformation, equipping financial institutions with a clear and differentiated advantage.
About TCS Financial Solutions

TCS Financial Solutions is a strategic business unit of Tata Consultancy Services. Dedicated to providing business solutions to financial institutions globally, TCS Financial Solutions has compiled a comprehensive product portfolio under the brand name of 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. Deployed at more than 450 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.

To know more about TCS BaNCS, please visit: http://sites.tcs.com/tcsbancs/
or write to us at tcs.bancs@tcs.com

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India’s largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

For more information, visit us at www.tcs.com