INDUSTRY Cloud

SaaS approach of TCS BaNCS Cloud powers any financial enterprise

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TCS BaNCS Cloud handles over 100 million transactions per month for more than 190 customers, including retail banks, corporate treasury operations, private banks, and credit unions in the United Kingdom, the United States, Switzerland and India.

- In the **U.S.**, a community bank uses TCS BaNCS Cloud for its banking operations, compliant with FFIEC and other relevant U.S. regulations.
- In the **U.K.**, TCS BaNCS Cloud powers core banking for a number of credit unions, empowering these smaller financial institutions to introduce flexible digital services at a faster pace than their larger competitors.
- In **Europe**, TCS BaNCS Cloud offers lower costs, standardization, and agility to a number of private banks.
- In **India**, TCS BaNCS Cloud powers more than 170 Regional Cooperative Banks with core banking operations, offering these smaller, rural banking operations with the benefit of modern technology at low cost.
- TCS BaNCS Cloud also runs **treasury operations** for a leading investment firm in the U.K., a steel manufacturing company in India, and a Shanghai-based financial development bank.

TCS BaNCS Cloud has been designed to support the full needs of financial institutions with a variable-cost SaaS approach, engineered with cloud-native technologies that make possible a wide range of new business models.

Operating as an "Industry Cloud" to support any financial enterprise, TCS BaNCS Cloud offers a variable-cost, pay-as-you-go, buy-what-you-need, Software-as-a-Service (SaaS)

arrangement that encapsulates core business services along with a full set of ancillary business services designed expressly for a given vertical industry.

By making one consolidated purchase decision, an entire financial institution can forego the complexities of software, infrastructure, and cloud operations across all of its business units, freeing up resources to focus on revenue drivers and digital-driven innovation.

TCS BaNCS Cloud has demonstrated the highest levels of capability, maturity, and expertise, enabling financial institutions to execute upon the Industry Cloud vision with full safety, regulatory support, and certainty. Plus, the integration of BPO/ITO services from TCS ensures full support for any combination of businesses involving banking, capital markets, or insurance, beyond what any other provider can offer.

TCS BaNCS Cloud is built using technologies that support business models that would not be feasible with on-premise deployments.

One example is the cloud-native technology of microservices. Where an application might have had 50 to 100 active APIs, that same application using microservices can offer an essentially unlimited number of low-bandwidth, high-speed connections. Using microservices, financial institutions can build better customer experiences that account for a customer's entire financial portfolio, tied together with ancillary services in data analytics, artificial intelligence, and machine learning guiding advisory services and automation. Furthermore, without having to go through a lengthy procurement, deployment, and testing cycle, enterprises can rapidly develop their own microservices.
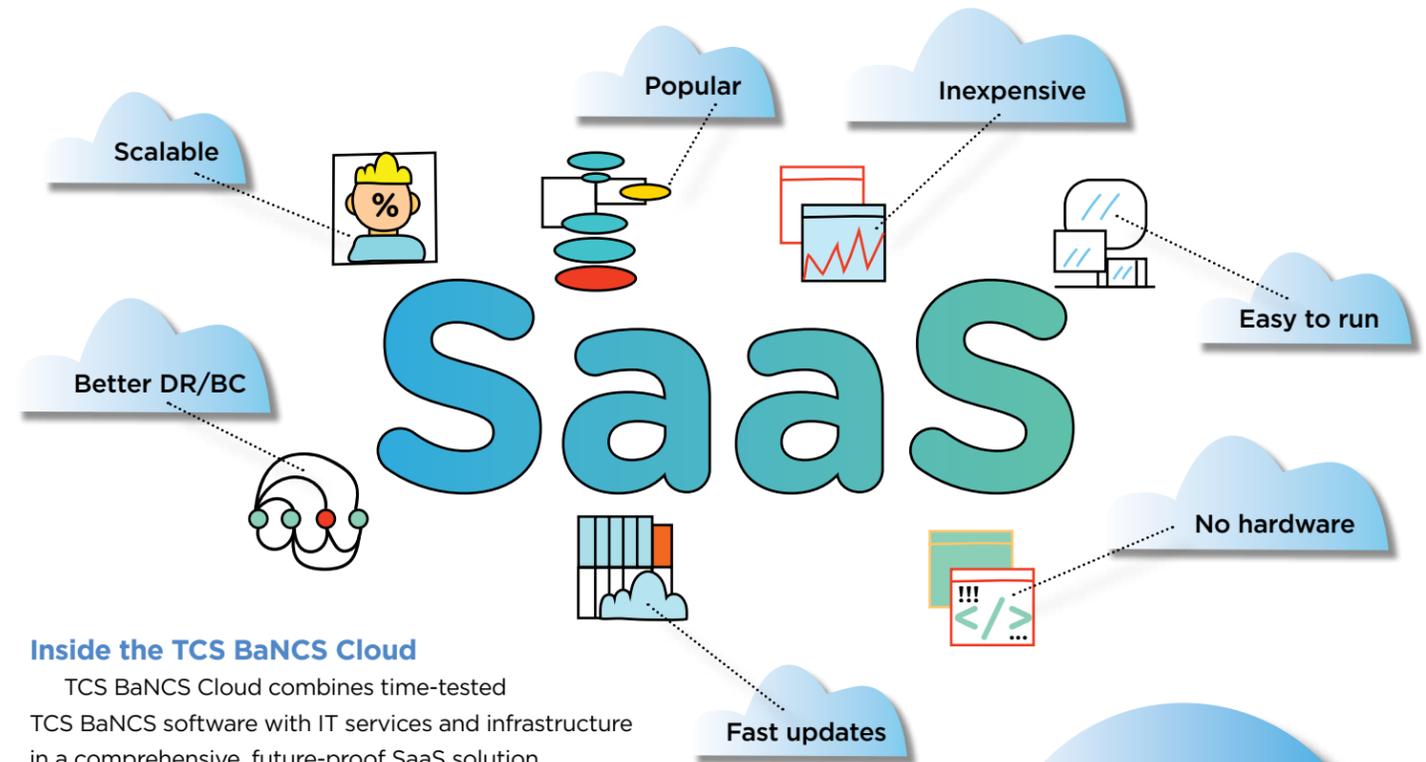
Inside the TCS BaNCS Cloud

TCS BaNCS Cloud combines time-tested TCS BaNCS software with IT services and infrastructure in a comprehensive, future-proof SaaS solution.

TCS BaNCS Cloud consists of the following successive layers:

1. Core Application: TCS BaNCS for Banking, Capital Markets, and Insurance, on the same product roadmap as with on-premise deployments

2. Cloud Infrastructure: Managed by TCS Enterprise Cloud Platform, or hosted on other cloud providers (e.g. Azure, AWS), an on-premise cloud, or a hybrid cloud.

3. Integrated Ecosystem: Robust, tested microservices connect with core TCS BaNCS functions; pre-integrated tools in Data Analytics, Artificial Intelligence, Machine Learning; fintech offerings from third-party providers; and legacy systems.

4. Business Process Outsourcing / IT Outsourcing: TCS offers financial institutions a full selection of BPO and ITO services, including teller services, KYC for customer onboarding, and virtually any other business process. IT outsourcing includes migration services, IT operations management, IT optimization, and innovation planning.

5. Utility/Platform Interface: Ability to power external-facing interfaces, whether for B2B utility businesses or B2C platform businesses. (For example, Diligenta in the U.K. operates as a BPO utility managing closed-book life insurance policies on behalf of several U.K. insurers. Also, one of the largest U.S. insurance companies will be running a customer-focused Platform business using TCS BaNCS Cloud.)

Five years ago, "the cloud" was mostly IaaS and PaaS. Today, SaaS represents two-thirds of total cloud market revenue.

Each level of TCS BaNCS Cloud contributes to a full-service Industry Cloud that represents the most comprehensive SaaS offering in the marketplace. Financial institutions can receive their desired combination of infrastructure services, BPO/ITO services, and a full selection of the largest collection of components, enterprise and consumer apps for the financial industry.

TCS BaNCS Cloud will support existing customers and new customers; innovative startups and legacy financial institutions; retail banks, private banks, community banks, credit unions, brokers, and insurers; and organizations of any size and footprint.

With more than 190 customers, TCS BaNCS Cloud is already transforming financial services in the hyper-connected economy, and we're excited to work with many more customers in the months and years to come.

TCS BaNCS