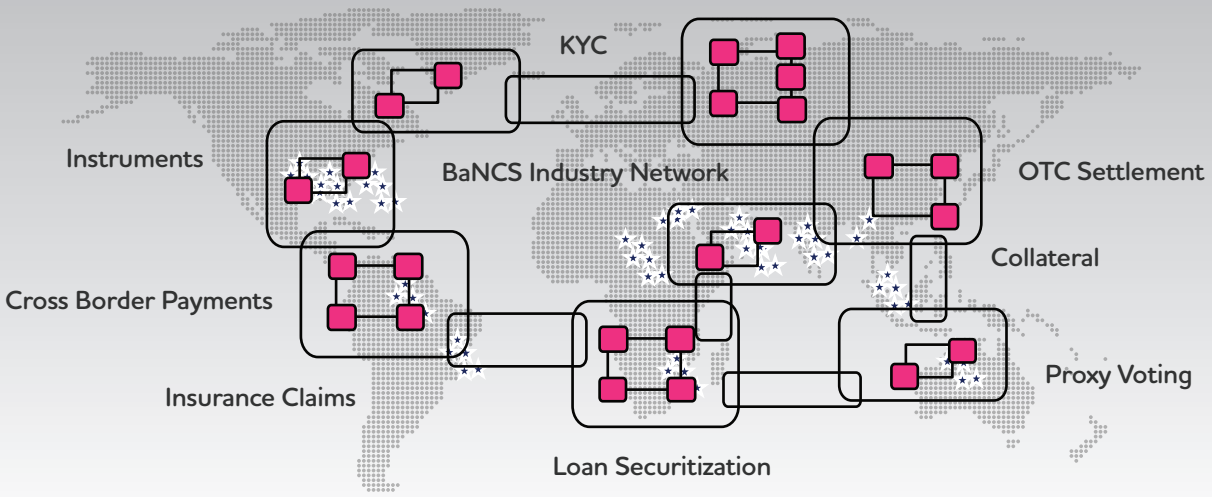
BaNCS Industry Network

Background

The **BaNCS Industry Network** has been conceived as a strategic solution for TCS BaNCS customers worldwide, to explore and embrace Blockchain technology effectively, and to collaborate with other TCS BaNCS customers for bilateral transactions, thereby opening up access to new markets/customer segments, and new services. It facilitates the setting up of complete ecosystems on blockchain technology that can enable real-time and efficient transaction processing eliminating the need for intermediaries. It can thus help organizations harness the power of Business 4.0, a TCS thought leadership framework, designed to help our customers leverage the power of ecosystems, and create exponential value.

The BaNCS Industry Network model

The BaNCS Industry Network comprises a private, permissioned Blockchain ecosystem over which participating TCS BaNCS customers (Banks, Custodians, CSDs, Insurance firms) are able to seamlessly connect to and access information and services from a single ledger. It can bring together various organizations in an ecosystem model, allowing all of them to **access authentic data** on a **real time basis** from the blockchain. The BaNCS Industry Network can completely transform the collaboration model, which today typically involves individual communication links with each entity. The BaNCS Industry Network comes with a set of business ready, and **"designed for blockchain" Smart solutions** – such as Corporate Announcements dissemination, Reference data publishing, Settlements, Claims processing among others. Organizations can access the BaNCS Industry Network in a Cloud sandbox, **experiment with blockchain technology** and the solutions, refine the operational model and thereafter **launch new business processes** in a collaborative model with other participants.



Business Benefits

- Facilitates experimentation and piloting of new business processes amongst a closed user group of organizations
- Provides an opportunity for service expansion into new markets, in collaboration with local entities that are part of the BaNCS Industry Network
- Facilitates instant access to accurate, immutable data on the blockchain
- Eliminates reconciliation issues as a result of real-time access to information from the ledger.

The Quartz Advantage

- TCS is investing by embedding Blockchain capabilities in existing TCS BaNCS solutions and providing a set of solutions comprising Smart contracts that are deployed on the BaNCS Industry Network
- The Quartz Gateway facilitates seamless connectivity to the BaNCS Industry Network for each of the connecting entities
- The BaNCS Industry Network creates an ecosystem that allows participants to benefit from lower costs by leveraging a shared infrastructure.

Quartz - The Smart Ledgers

Quartz comprises an Intelligent smart contract development toolkit, Integration solutions and 'Designed for DLT' business solutions that help organizations leverage the power of DLT in their businesses. Built on the core principles of **Coexistence**, **Integration** and **Interoperability**, Quartz enables existing systems to coexist and integrate with blockchain platforms and other messaging networks.

To know more about Quartz, please write to us at **tcs.quartz@tcs.com**, or visit our website **https://www.tcs.com/quartz**

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