



## TCS B&NCS

Service Integrator

### One-stop integration solution for seamless integration

#### A Fresh Perspective

The task of integrating multiple applications and technology components can be as challenging as connecting different building blocks to create a stable and functional structure. Financial institutions today are looking for a high-performance, one-stop-integration solution for their various business applications; feeds and messages related to market infrastructure such as SWIFT, FIX, SEPA, TARGET2; including those from stock exchanges, depositories, RTGS, LVP/HVP; and, proprietary feeds from Reuters, Bloomberg, Telekurs, among others. A challenge they currently face lies in their inability to efficiently route rule-based messages to these multitudinous systems resulting in inefficient STP (Straight-Through Processing) rates and management of exceptions through dashboards and alerts, and information enrichment when in transit.

#### Turning Our Technology to Your Advantage

To help financial enterprises address these integration challenges with ease and efficiency, we, at Tata Consultancy Services, offer the Service Integrator solution from **TCS B&NCS**, a market ready universal financial platform for banking, capital markets and insurance. This feature-rich, simple and flexible solution integrates multiple systems with minimal changes required for existing customer applications and supports a range of technologies, financial messaging standards and market feeds with ease. It is backed by TCS vast integration experience of implementing the comprehensive solution suite of **TCS B&NCS** for the entire financial services domain. It integrates a variety of systems through appropriate validation, transformation and routing rules over varied communication protocols; connects different types of applications; and, also, integrates the rest of the components of the **TCS B&NCS** product suite with various systems in the solution landscape using standard adaptors.

#### Processing High-volume Messages Through an Integrated Solution

A single solution to meet the diverse integration needs of financial institutions; it is an apt fit for enterprises on the growth path. This scalable and platform-independent application is equipped to process high volumes of messages and files. Further, it helps organizations with:

- Reduced time-to-market due to the simple configuration of interfaces and services

- Lower implementation and operational costs
- Faster, easier, service-oriented, and technology-agnostic integration with market feeds from Reuters, Bloomberg, CSDs, brokers, among others
- Easy maintenance of interfaces and day-to-day operations
- Parameter-driven interface behavior and lower operational risks
- Increased automation and Straight-Through Processing (STP), which further reduces the average cost per message
- Browser-based user interface with dashboards, widgets, wizards, extensive search features, and rules configuration methods to define, monitor, and manage the integration
- Capability to define, expose, and monitor web services to facilitate SOA enablement
- High STP rates through extensive exceptions-handling and recovery capabilities
- Provision for entity-wise rules and data storage, as it is a multi-entity system

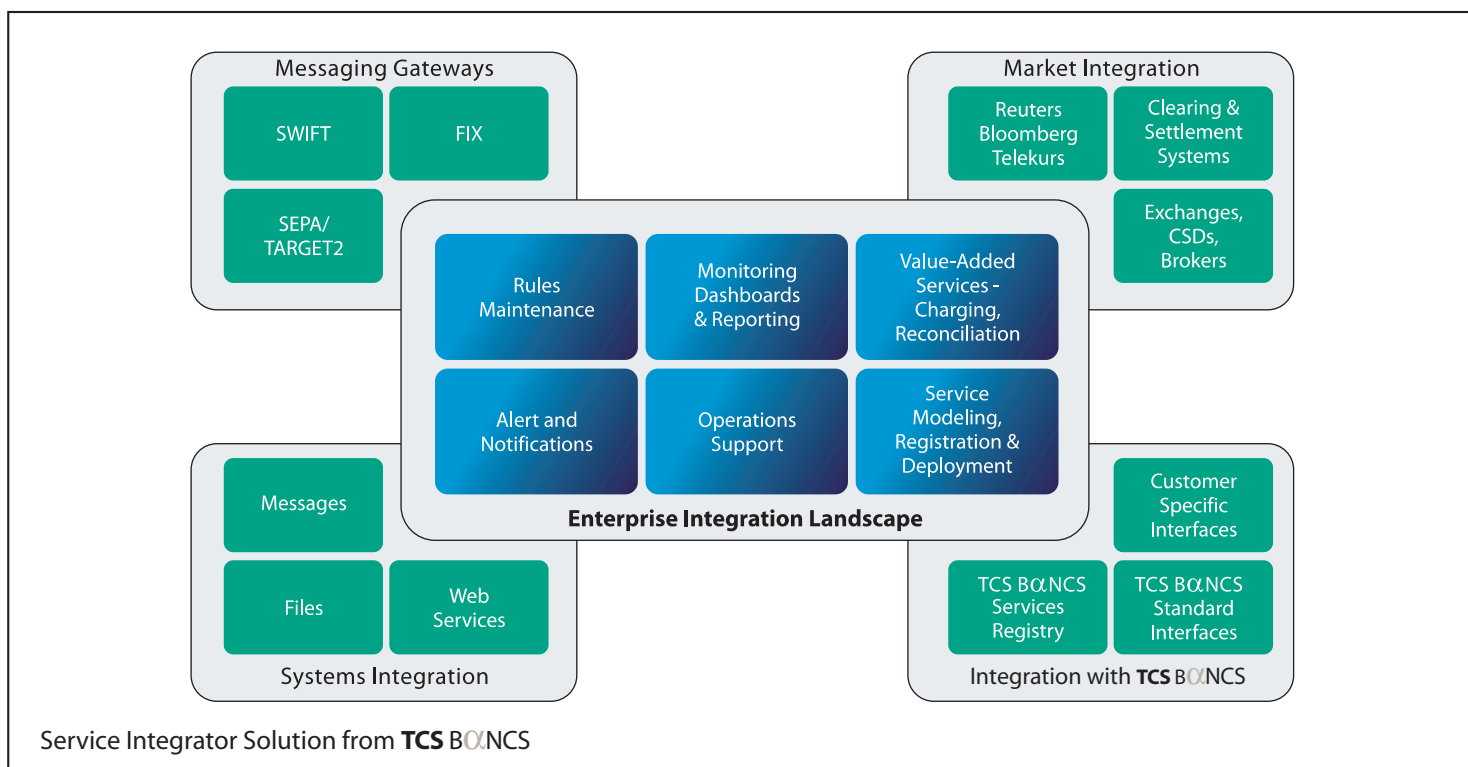
It is a solution organizations can rely on, especially, through its performance-enabling application design, which includes in-memory processing as well as a store and forward functionality. It also assists business and IT operations with a multitude of features including reporting, billing, business enrichment, repair, among others.

Furthermore, message and file formats in the message repositories are constantly enriched, and newer version releases are supported, as part of the offering. It can also adapt easily to the changes in market infrastructure, messaging formats and the business environment.

#### Broad Enough to Meet Your Needs

Based on a state-of-the-art architecture comprising JAVA, XML frameworks and market standards for communication that allows faster training and adoption, the Service Integrator solution from **TCS B&NCS** has the following unique features:

- In-built adaptors, diverse protocol handlers, and an easy-to-use rules definition framework, enabling rapid integration with:
  - Financial networks such as SWIFT, FIX, and Link Up Markets



- Feeds such as Reuters, Bloomberg, and Telekurs
- Clearing and settlement systems
- In-house systems
- Business-related features that are tailored for financial institutions:
  - Pre-defined processing actions - resend, repair, content based routing to respective business applications, configurable reconciliation, ACK/ NACK generation
  - Storing content required as per business requirements
  - In-built reports for traffic and billing activities
  - Capability to send alerts over e-mail

Its processing actions save substantial efforts involved in implementing business processes, while it also comes with in-built features for auditing and monitoring of traffic, and generating billing extracts and reports.

**TCS BANC - Enabling Transformation**

TCS BANC enables transformation in financial services through its holistic suite of solutions. A market ready universal financial platform, each solution in the suite runs as a scalable, robust component, fully integrated with existing business

models, enterprise and technology infrastructures. The TCS BANC platform encompasses an array of pre-configured, customizable banking, capital markets and insurance products. All these products are integrated across their respective value chains through the business process configurability available in the service integrator component of the product suite. Built on open architecture, this component-based product suite leverages service-oriented and event-driven architectures. Developed on TCS' in-depth market understanding through numerous interactions with more than 250 customers across 80 countries, this product suite offers one of the broadest end-to-end functionality for financial services.

**About Tata Consultancy Services**

Tata Consultancy Services (TCS) Limited is an IT services, business solutions and outsourcing organization that delivers real results to global businesses, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled services delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. With over 143,000 of the world's best trained IT consultants located across the world, TCS is uniquely positioned to deliver its flexible world class services seamlessly to any location. For more information please visit <http://www.tcs.com>.

To know more about the Service Integrator solution from TCS BANC, contact [tcs.banc@tcs.com](mailto:tcs.banc@tcs.com) or visit [www.tcs.com/banc](http://www.tcs.com/banc)