ENTERPRISE PAYMENTS SOLUTIONS

The payments landscape across the globe is witnessing dynamic growth and evolution, such as never seen before. Financial institutions, today, work with highly fragmented payment systems running multiple applications for different types of payments across different lines of business and locations. Regulatory directives like AML, Check21, SOX and Patriot Act and changing customer preferences have forced banks to rethink their approach to payments and payments processing, while the need for cost-effective solutions remains of utmost importance. All this, combined with the pressure from corporates, has forced the need for payments services that are faster, more accurate, and economical. Further, there is an increasing demand for an enterprise-wide approach to payments, rather than a siloed view. The need for standardization, visibility, processing speed, and accuracy, and increased compliance reporting has also placed additional demands on existing payments technologies and infrastructure.

In response, banks are contemplating efforts to streamline and consolidate all aspects of the payments value chain, from initiation to processing to gateway to messaging, a large and complex undertaking. Payment gateways are being consolidated to process all payments traffic centrally, including credit cards, retail payments, clearing houses, worldwide standard networks such as SWIFT (FIN and SWIFTNet), FedWire, FEDACH, CHIPS, and EPN, among others.

In the corporate payments arena, customers are demanding distributed payment services from their banks, while they seek technological value in the form of higher STP in payments processing, accurate and consolidated cash positioning and liquidity management, cost-effective and quicker payments processing, and real-time monitoring of payments during every stage of the processing. In retail payments, the popularity of Internet banking and other channels like mobile banking are demanding sophisticated services from banks. Moreover, mobile banking is being pushed by industry analysts as an easy-to-use and convenient mode of funds transfer and payments against the traditional payments channels.

Strategic payments transformation from Oracle Financial Services

A swifter, more efficient payments infrastructure for your bank

Oracle Financial Services Software offers comprehensive enterprise-wide payments processing solutions backed by rich domain expertise, high quality products and services, payments consultancy services, maintenance and support services, systems integration and implementation of world-class payment solutions.

An enterprise-wide approach to payments

PrimeSourcing Application Services division of Oracle Financial Services Consulting offers customized payments solutions through its Payments Center of Excellence (CoE) with a dedicated focus on delivering solutions through domain specialization. The Payments Center of Excellence, a recently accredited SWIFT Service Partner, is
built on the in-depth expertise of over 500 professionals who have a specialist understanding of the payments business and corresponding technology platforms. Our consultants have worked on some of the largest payment processing projects for the top 50 banks in the world. You can avail of:

- Comprehensive payments services and product offerings, including turnkey custom-built solutions, multi-level payments consultancy services, maintenance and support services, and systems integration and implementation
- Domain expertise in enterprise payments processing (wholesale and retail), including the knowledge of emerging trends in SEPA and Faster Payments

**Addressing Enterprise Payments consolidation**

**Payment Processing Consolidation**

Considerable fragmentation of payment processes (ranging from initiation, to operations, to payment engines) exists within banks, with institutions running several legacy systems responsible for various types of payments processing needs. What banks need is a centralized payments engine that can manage a wide range of payment messages for complex business processes and rules (e.g. FX, charges and fees, payment routing, direct and cover matching, among others).

**Payments Gateway consolidation**

Representing the end-node of the payments processing value chain is the interface to external clearing and settlement infrastructure and financial networks. Banks are struggling with their current payments gateway infrastructure, which has evolved over time, but are too inflexible to address various external industry standard payment file formats such as EDIFACT, IDOC and ANSI.

Banks need to consolidate their payments gateway and messaging infrastructure to cater to various processing needs. With this, they can send and receive payment messages centrally from SWIFT, FedWire, CHIPS, EPN and other proprietary systems. Oracle also offers consultancy services to draw up a road map targeting business goals such as STP, and implementation services for various payment messaging and transformation requirements such as the ISO UNIFI XML messaging standards.
Our **payments infrastructure support** services help maintain SWIFT Servers 24x7. We help you initiate and coordinate firewall changes (for appropriate IPS and ports) between SWIFTNet, DMZ and the trusted zone, thus ensuring an end-to-end browse connectivity for SAB users. The framework also provides you with the first line of support for SWIFTNet M-CPE hardware, including VPN boxes, and routers and problem tracking with SWIFT and various internal hardware and network groups.

**Payments consultancy services**

With newer mandates and directives driving changes in the payments space, globally or regionally, Oracle’s with its leadership in the payments domain, its expert understanding of the markets and its drivers, can help your bank sustain its competitive advantage. Our enterprise payment consultancy services cover:

- Rationalizing multiple applications for processing payments across multiple countries
- Streamlining payments processing operations - moving to a centralized processing model along with recommendations on payments business process flows
- Centralizing liquidity management and cash concentration
- Improving key standpoints such as STP, compliance and risk management
- Identifying payment processes or services wherein the bank has the scale and expertise to develop and offer third-party services to other banks
- Constructing a granular picture of the payment transaction to comprehend in-depth understanding of the processing flow, systems flow, exception handling and data concentration
- Transitioning infrastructure into an open-framework that can meet demands to implement future business and regulatory changes
- Providing a technical platform and configuration that unifies the proposed application architecture
- Conceptualizing an implementation plan, roadmap, timelines and estimated costs

**Systems integration**

Legacy systems, multiple systems, third-party products - that's a common scenario in the payments world today. It, therefore, becomes essential to integrate all applications for cost-effectiveness and efficiency. Oracle, with its ecosystem of product partners, has a proven track record of systems integration, enabling faster implementation of applications.

In any multi-vendor implementation, Oracle, as a program manager and systems integrator, executes the overall project management and delivery management. We have pioneered and engineered a unique implementation roadmap for third-party product integration, including managing the overall payments program and delivery.

In conjunction with our Testing Center of Excellence, we ensure that all integrated deliveries to the bank meet requirements.

**SWIFT messaging and services**

SWIFT, the financial messaging service, has been working for years to move message traffic from its X25 infrastructure to Internet Protocol (IP). The IP service named SWIFTNet offers obvious cost savings for banks in moving to IP-based
architecture; however, SWIFTNet also introduces additional services such as InterAct, FileAct and SWIFTNet Browse which have enabled firms to develop new value-added payments products. It also provides a useful platform for centralizing certain operational functions across an organization. Our consultancy services help banks connect to SWIFTNet by selecting the right connectivity pack, decide on SIPN configuration, and plan and design and implement SWIFTNet infrastructure. We also offer 24x7 support for SWIFTNet infrastructure, undertaking SWIFT mandatory SAG and SAB upgrades, training SAB users and offering a global CoB set up and execution.

**A single window for all your SWIFTNet applications**

Oracle FLEXCUBE Messaging Hub is a strategic SWIFTNet messaging hub. It acts as a single window for all the applications, deployed globally within your bank, to exchange SWIFTNet messages over multiple services like SWIFTNet funds, exception and investigation; cash reporting; accord; and EBA STEP2, among others, while keeping the SWIFTNet protocol/primitive level complexity away from business applications.

The messaging hub offers ready solutions for SWIFTNet Funds and SWIFTNet SEPA Direct Debit and Credit Transfer. It provides multiple connectivity options for back-office applications and enables faster time to market with SWIFTNet SEPA and SWIFTNet Funds solutions. Oracle FLEXCUBE Messaging Hub was awarded SWIFTReady SEPA Label for 2008.

With Oracle FLEXCUBE Messaging Hub, your bank can leverage a single window for all its business applications to access and deliver SWIFTNet based services through a centralized, resilient messaging hub for FileAct, Interact, Browse, and FIN messaging. It also helps your bank with multiple connectivity options for SWIFTNet gateway and direct connectivity to SNL or SAG via MQHA/RAHA protocols, by using a component-based architecture to achieve platform, vendor, and application server implementation independence.

**A secure and robust platform for remittances**

Cross-border remittances from immigrants in the USA and Canada to their home countries are seeing significant growth today and, therefore, prove to be a lucrative business for banks and specialist remittance companies. The ability to perform transactions in bulk instead of processing individual payments is the key to profitability in this business.

Oracle FLEXCUBE Remit is a stand-alone SWIFT and ACH compliant application, which can integrate with a host of legacy and messaging systems. Allowing banks to source, track, and disburse funds to and from various sources, it supports home country remittances from a foreign country, inbound and outbound remittances, multiple funding and distribution channels such as agents, Internet, ACH, mail/check, DDs and ATMs, and easy interfacing with compliance applications such as AML and KYC.

**Comprehensive payments service testing framework**

We can also help your bank with end-to-end testing services in the area of payments. Our testing services can help you accelerate implementation. Additionally, we also offer pre-built, ready-to-use testing suites such as the SEPA Testing Suite and the FPS (Faster Payments Service) Testing Framework to address current industry initiatives.

**Sustaining a competitive edge for your bank**

With newer mandates, directives and business drivers in the payments space, your bank needs an IT solution partner who can help you sustain a competitive edge in tough, ever-changing market conditions. Be it in overhauling your payments infrastructure completely, or in offering a comprehensive enterprise-wide payments
processing framework, our solutions are designed to cover your every need.

Sample Payments Experience

- System Integration for largest funds transfer implementation of tier-1 global bank
- Program Management and System Integration for one of the largest European bank in implementation of its UK Faster Payments system and SEPA Euro (Target2) Consolidation
- System Integration and implementation service provider for one of the largest banks in Australia
- Program Management and System Integration for one of the largest payments consolidation programs in Caribbean
- Support and maintenance of largest SWIFTNet infrastructure deployed in the world
- Implementation of a consolidated SWIFTNet Messaging Hub product for the largest SWIFT user (Tier 1 Bank) in the world

Project Profile

Oracle Financial Services Consulting recently led what is arguably the world's largest payment processing consolidation project spanning multiple countries for a global top-10 bank. As primary program manager and systems integrator, we executed this multi-year project, driving business transformation, and integrating existing systems with third-party partner products to deliver a single global processing solution. Over 200 interfaces both static and transactional were developed and deployed.

Contact Us

For more information about Oracle Financial Services Consulting's Payment services, please visit [www.oracle.com/financialservices](http://www.oracle.com/financialservices) or email us on financialservices_ww@oracle.com

Oracle is committed to developing practices and products that help protect the environment

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