

REAL-TIME PAYMENTS

Revolutionizing the Payments Landscape in the US



Real-time payments are a key pillar of Finastra's global payment vision and solution suite, which today powers: Sweden's real-time mobile payments platform Swish, used by over 50% of the population; over 1.1 million Faster Payments per day in the UK; and, nearly 25% of Singapore FAST daily volume."

A global leader in Real-time Payments, Finastra powers two major US banks on RTP® from The Clearing House

For US payments professionals, 2017 represents a historic year. We saw the launch of The Clearing House's RTP®, the first new US payment system in 40 years, as well as the launch of Zelle, a P2P real-time payments platform backed by over 30 US banks. Real-time payments dramatically simplify payment processing, from transaction initiation to reconciliation to real-time advising. Real-time payments – also known as immediate payments or instant payments – allow for the transfer of money from one account to another immediately, with certainty, convenience and at low cost – is now available in the US.

Real-time payments, combined with innovations in open banking, promise to revolutionize the US financial services landscape. Today, financial institutions are enabled to offer real-time digital customer experiences based on immediate funds transfer anywhere in the US. But in order to take advantage of this opportunity, institutions need to be able to connect to The Clearing House's RTP® network to send and receive real-time payments—and do so with minimal cost and system impact, in a short implementation time.

Finastra Solutions for Payment Processing and Real-time Network Connectivity

Finastra's real-time payment solutions are deployable in a variety of configurations tailored to meet the needs of financial institutions and their customers. Our solutions range from smart gateways, providing multi-network routing and connectivity, to end-to-end real-time payment processing solutions, with built-in digital channel integration to take advantage of the latest innovations in API banking and ease of connectivity to existing channels; stand-in processing to ensure uninterrupted service 24/7/365; and real-time liquidity management to manage intraday liquidity and positioning.

The modular architecture of the solution allows financial institutions to easily extend any configuration beyond US real-time payments to support other payment types such as wires, ACH and SWIFT. All configurations are available either on-premise on low-cost commodity hardware, or hosted.

Whatever the deployment model, financial institutions can be confident that they are adopting payments technology that has been proven in the most demanding real-time payment processing environments in the world today.

Finastra's solutions can provide stand-in processing for core systems



Finastra's solutions can provide stand-in processing for core systems when they are off-line, ensuring uninterrupted processing round-the-clock.

As more countries look to roll out real-time payment schemes, Finastra's reach continues to grow. In addition to RTP® from The Clearing House, Finastra is an enabler of immediate payment services with Australia's New Payments Platform, European instant payments, and Hong Kong's Faster Payments System, among others.

Solution Features and Benefits

Support for Both Corporate and Retail Use Cases

More than P2P payments, data from mature real-time payments markets show that corporate use cases form a significant portion of real-time payment volume, allowing financial institutions to develop new revenue streams for payments in real time.

- Support for business, consumer, government and P2P use cases in a single solution
- Standing orders and forward-dated transactions to support tax payments, periodically billed subscriptions, payroll and other timed services
- Bulk file/batch initiation facilities for corporate mass payments applications

24/7/365 Operability and SLA-Exceeding Performance

Modern real-time payment systems are always on, and all payments need to adhere to a strict SLA—in the case of RTP, 10 seconds or less from initiation to confirmation, at any time of day, regardless of how many payments are being processed per hour.

- Zero downtime—upgradeable 'in place' without need to take system offline
- Product updates can be applied at any time without any reduction of service capability.

- Benchmark-tested to exceed US SLAs and throughput requirements
- Proven in production in US, Sweden, UK, Singapore and soon Australia and SCT-Inst in Europe

Stand-In Processing

Most core systems are not designed for 24/7/365 processing, often burdened with start/end of day processes that require systems to be taken offline periodically. Finastra's solutions provide account validation and posting capabilities that can be used as stand-in processing for core systems when they are offline or impacted operationally, ensuring uninterrupted processing of real-time payments round-the-clock.

Configurable Transaction Parameters

The real-time payments rulebooks specify key parameters—timeout period, maximum transaction amounts, and more—at a global level. However, financial institutions can choose to modify these parameters - for example enforcing lower transaction limits, as long as they are within overall scheme rules. With Finastra's solutions, all such parameters can be configured by financial institutions to meet the needs of their business, keeping the solution extensible and future-proofed as the scheme evolves.

Liquidity Management

As real-time payment volumes and value thresholds rise, the management of liquidity on a real-time intraday basis becomes increasingly important. Our solution provides advanced liquidity management features for providers as well as consumers of liquidity, and real-time liquidity position notifications and alerts, providing the ability for financial institutions to monitor their cash position in real time and manage risk.

Open API Compatibility

Our solutions incorporate a suite of micro-services and APIs that can be invoked from any API management platform, providing financial institutions with a combination of real-time payment processing, and API enablement in a single integrated package.

Addressing Service

Bringing new value-added real-time payment services to market frequently requires layering capabilities for addressing and aliasing—such as representing payees by email or mobile numbers—above and beyond the basic account-based addressing requirements of the scheme. The solution incorporates a service that can access third-party alias resolution or directory providers to enable such service provisions.

Integrated Sanctions and Fraud Screening

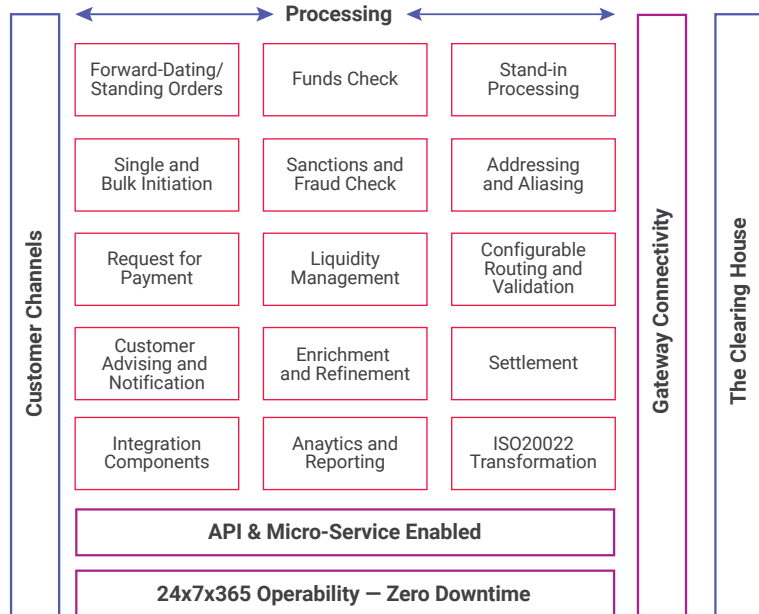
When payment processing moves to a real-time paradigm, the workflow steps involved in the processing need to be executed on a real-time basis as well, particularly the critical functions of sanctions and fraud checking.

- Sanctions—link to any external sanctions screening solution, whether a financial institution’s in-house enterprise

solution, a third-party provider, or bundled with Finastra’s own screening technology.

- Fraud—high-performance pre-packaged integrations with many of the world’s leading real-time fraud providers, ensuring that a financial institution can apply fraud checks at an enterprise level without compromising scheme SLA performance.

Finastra Real-time Payments & Connectivity Solution Suite



Finastra adopts an agile deployment approach to implementation projects, allowing for quick adaptability

Ease of Integration and Agile Deployment

Finastra's solution features a fully ISO20022 compliant data model, and includes the ability to store extended remittance data and enrichment fields to drive provision of value-added payer and payee services. The solution also incorporates native message mapping and integration technology, requiring no reliance on third-party tools, to facilitate rapid customer on-boarding and back-office application integration. What's more, Finastra adopts an agile deployment approach to implementation projects, allowing for quick adaptability and responsiveness to change in the fast-evolving real-time payment landscape.

Start Your Real-time Payments Journey with Finastra's Cloud Test Environment

Real-time payments are new to the US, and many financial institutions are still struggling with fundamental questions: How to build a business case? How to assess the operating impact of 24/7 availability? How to explore system impact and development of new products and services without a large upfront investment?

Finastra's real-time payments cloud test environment is designed to help financial institutions resolve these questions in a quick, easy and low-risk manner by providing simulated cloud-based connectivity to US real-time payment networks. With minimal investment, financial institutions can:

- Explore key B2B, B2C, C2B, and P2P use cases and identify new product and service opportunities
- Assess the impact of real-time payments and 24/7 operations on the financial institution's environment.
- Experiment with open APIs

Finastra's real-time payments cloud test environment is the ideal starting point for your real-time payments journey.

Experience Matters

Finastra powers real-time payments globally

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Finastra supports 2 major banks on The Clearing House's RTP®

17M

17 million real-time SWISH transactions are processed by Finastra every month in Sweden.

1.1M

Over 1.1M Faster Payments per day in the United Kingdom.

4

Finastra supports 4 major banks on Singapore's FAST scheme.

About Finastra

Finastra unlocks the potential of people and businesses in finance, creating a platform for open innovation. Formed in 2017 by the combination of Misys and D+H, we provide the broadest portfolio of financial services software in the world today –spanning retail banking, transaction banking, lending, and treasury and capital markets. Our solutions enable customers to deploy mission critical technology on premises or in the cloud. Our scale and geographical reach means that we can serve customers effectively, regardless of their size or geographic location – from global financial institutions, to community banks and credit unions. Through our open, secure and reliable solutions, customers are empowered to accelerate growth, optimize cost, mitigate risk and continually evolve to meet the changing needs of their customers. 48 of the world's top 50 banks use Finastra technology. Please visit finastra.com

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