

Global PAYplus

IMMEDIATE SOLUTION FOR CENTRAL BANKS, CLEARING AND SETTLEMENT OPERATORS

Payment technology has moved to real time

Across the globe real-time payment schemes are emerging, allowing for interbank funds transfers immediately, with certainty, convenience and with low credit or settlement risk between participants.



Market trends clearly show acceleration in the adoption of immediate payments. While very different in detail, all immediate payments infrastructures show a common commitment to speed, availability and convenience. By many estimates, an average of four to five countries will adopt new immediate infrastructures every year, and by 2034 it is expected that over 75 countries will have this capability.¹ In most, if not all, of these regions central banks will be expected to take a leadership role in the delivery of the service. A modern, highly optimized and reliable real-time payment infrastructure is now a requirement for countries looking to address the demand for ubiquitous electronic payments, enable innovative services, improve the efficiency of the economy and help to expand their reach to markets that were previously underserved.

The solution

Immediate payments schemes are a key pillar of D+H's global payment vision and solution suite. Global PAYplus is the foundation for the SWISH payment scheme in Sweden, and remain an active participant in the dialogue currently ongoing around immediate payment schemes globally.

FEATURES

- Continuous availability, high performance and real-time payment processing using a variety of settlement models
- Mature and feature rich set of functionality, flexible workflows and business capabilities
- Multi-currency and multi-lingual global support, and multi-entity organizational structure
- Compatible with existing infrastructure between central clearing house and member banks
- Modular, ISO 20022-compliant SOA platform, adaptable and layered design supports phased rollouts and provides a future proof, 'scale as you grow' infrastructure
- Centralized liquidity and risk management provides a 'bird's eye' view of liquidity using an automated system to manage credit and intra-day liquidity
- Real-time SLA monitoring
- Proven in the most demanding production environments and designed to highest standards of performance and reliability

Global PAYplus is a standards-based, fully automated central scheme or clearing and settlement solution that

¹ Source: "Immediate Payments: Innovation is Knocking White Paper." Gene Neyer, D+H. September 2013.

CENTRAL SCHEME BENEFITS

Rapid, low risk deployment

The solutions comprehensive out-of-the-box functionality reduces risk and helps to streamline deployment. The solution is gateway agnostic, allowing central schemes to either reuse existing communication infrastructure (e.g. SWIFT), or to modernize payment gateway technology to allow for immediate payment processing.

High availability, performance standards & reliability

Global PAYplus is proven in the most demanding production environments and designed to highest standards of performance (low latency, high capacity, linear scalability) and reliability (high availability, business continuity and disaster recovery) with end-to-end completion in less than one second, 24/7, 365 days-a-year.

Helps manage risk

By using the central bank for clearing and settlement, risk is reduced between participating banks. The solution fully aligns with central bank and financial institution standards for immediate payment processing, and allows for a variety of settlement models, including prefunded and real-time settlement, to help manage risk.

Despite the diversity in implementation models of different schemes in various countries, there are many common themes. D+H's understanding of these themes, and extensive experience implementing immediate payments schemes with banks and central banks around the world make us a valued partner in any immediate payments initiative.

is gateway agnostic, supports a full suite of payments and non-accounting/administrative messages, and provides end-to-end straight-through processing (STP) workflows with optional manual exception handling. The solution supports the administration of both direct and indirect membership models and transaction-level authentication and validation. The modern and layered architecture of Global PAYplus's SOA platform is compatible with existing infrastructure between the

clearing house and member banks and supports the development of new immediate payment schemes. It provides continuous operation with low latency to meet the structural requirements of immediate payments, and supports varying SLA profiles for different members. The solutions rich clearing and settlement capabilities allows for a variety of settlement models, including prefunded and real-time settlement, to align with the central bank's and the countries' risk profile

D+H is a leading financial technology provider that the world's financial institutions rely on every day to help them grow and succeed. Our global payments, lending and financial solutions are trusted by nearly 8,000 banks, specialty lenders, community banks, credit unions, governments and corporations. Headquartered in Toronto, Canada, D+H has more than 5,400 employees worldwide who are passionate about partnering with clients to create forward-thinking solutions that fit their needs. With annual revenues in excess of \$1.5 billion, D+H is recognized as one of the world's top FinTech companies on IDC Financial Insights FinTech Rankings and American Banker's FinTech Forward rankings.

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