



TORONTO
16 - 19 Oct 2017

Blockchain at Sibos 2017

Across financial services, blockchain and distributed ledger technologies (DLT) are developing at a pace. The speculation surrounding the technology is fast being replaced by concrete research and development outputs in the form of proofs of concept, simulations and prototypes.

As a financial industry cooperative, SWIFT's focus is on building technical, operational and business capabilities with a view to evolving our platform such that DLT-based services could be offered to our 11,000+ members, when the technology matures and firm business use cases emerge. Such DLT based services could be provided by SWIFT, our community or third parties.

In this context, we will continue to work with the financial industry to guarantee end-to-end automation and backward compatibility with legacy processes. With all this in mind, it is clear that Sibos 2017 will be an excellent opportunity for the industry to come together to discuss how to work collaboratively to ensure that the technology can be universally adopted.

Who should attend?

As you will see below, the blockchain track will cover everything from basic education sessions to R&D and industry sessions on how to apply this technology to a particular industry. There should be information for a variety of stakeholders, including business line owners, product managers, banks, securities firms, standardisers, market practitioners, regulators and vendors.

Why attend?

Blockchain and DLT have often been accused of being over-hyped – join us at Sibos to hear how experts and practitioners are intending to apply this technology within financial services and address the challenges that still need to be overcome. Visit the SWIFTLab stand on level 700 (room 705) to find out more about SWIFT's latest research and development into this technology.

For more information and to sign up, please register at [Sibos.com](https://www.sibos.com)

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MONDAY
16 October 2017

TUESDAY
17 October 2017

Main conference session	SWIFTLab session	Standards Forum	SWIFTLab session
09:30 - 10:30	10:15 -10:45	09:30 - 10:20	10:15 - 10:45
Blockchain in the cash and securities settlement space: Utopia or reality?	Bridging DLT and SWIFT messaging with SmartContract.com – Innotribe Industry Challenge 2016 winner	New Technologies and business standards	SWIFT gpi innovation with Distributed Ledger Technology – SWIFT Nostro DLT Proof of Concept
<p>Cash and securities settlements are ripe for innovation. While the combined use of technology and Standards has certainly increased automation, it has also led to an increase in the volume of data that needs to be exchanged and reconciled between intermediaries, which increases operational risk and inflates costs. Maybe that is why distributed ledger technology (DLT) - with its promise of a single immutable record accessible by all parties simultaneously - is advanced as the next generation technology to solve existing inefficiencies. In this session, a series of DLT initiatives will be debated, and tested for workability, resilience, capacity, adoption and regulatory acceptability.</p>	<p>As DLT mature, it is becoming increasingly clear that no single platform will replace a significant end-to-end financial business process in one step. Rather it seems increasingly likely that DLT will work with other automation technologies, including messaging and APIs. In this session we hear how the 2016 Innotribe Industry Challenge winner proposes to bridge DLT platforms with ISO 20022-compliant SWIFT messaging. SmartContract.com will present a live demo of a Proof of Concept where a DLT platform manages ISO 20022-compliant bond instruments, while an ISO 20022-aware Smart Oracle settles coupon payments off-ledger through ISO 20022 payment messages over SWIFT.</p>	<p>How can API developers get a flying start when developing API specifications whilst simultaneously elegantly addressing interoperability issues? How do we use Standards Expertise to speed up the development of DLT-based Proofs of Concept? Find out in this session where we will show how using Business Standards can provide an answer to these questions.</p>	<p>As Distributed Ledger Technology (DLT) progresses towards maturity and the first SWIFT gpi release is live with version 2 also on its way, this session will showcase how SWIFT's latest research and development work on DLT will bring new enhancements to improve gpi even further. The SWIFT Nostro DLT Proof of Concept leveraged blockchain technology to provide real-time visibility on the liquidity of Nostro accounts, easing reconciliation and allowing liquidity savings while meeting key industry requirements such as governance, data privacy, standardisation, security and identity. You will get to see a live demo and learn more about what benefits this could bring to your business.</p>

TUESDAY
17 October 2017

WEDNESDAY
18 October 2017

THURSDAY
19 October 2017

SWIFT Auditorium session

SWIFTLab session

Main conference session

Main conference session

14:30 - 15:15

10:15 - 10:45

15:30 - 16:30

09:30 - 10:30

**The SWIFT gpi roadmap –
More value around the corner**

**SWIFT gpi innovation
with Distributed Ledger
Technology – SWIFT Nostro
DLT Proof of Concept**

**Blockchain – From use
case to business case
in securities markets**

**Does Blockchain technology
alleviate security concerns
or create new challenges**

SWIFT gpi is live and innovation is kicking. Gpi has become the new benchmark in cross-border payments. Now, plans are ready to add more value and leverage the cloud-based payments Tracker. With an instant stop and recall payments service, a rich payment data transfer service and an international payments assistant, the digital transformation of cross-border payments is just around the corner. Meanwhile, gpi banks are exploring the use of distributed ledger technology (DLT) to speed up the reconciliation of their nostro accounts. In this session, gpi banks will share this exciting roadmap and highlight upcoming innovation you can expect from SWIFT gpi in the future.

As Distributed Ledger Technology (DLT) progresses towards maturity and the first SWIFT gpi release is live with version 2 also on its way, this session will showcase how SWIFT's latest research and development work on DLT will bring new enhancements to improve gpi even further. The SWIFT Nostro DLT Proof of Concept leveraged blockchain technology to provide real-time visibility on the liquidity of Nostro accounts, easing reconciliation and allowing liquidity savings while meeting key industry requirements such as governance, data privacy, standardisation, security and identity. You will get to see a live demo and learn more about what benefits this could bring to your business.

Distributed Ledger Technologies are shared, tamperproof, peer-to-peer digital ledgers that enable a single, global version of transactions. Is blockchain technology a viable solution in securities markets? As an industry, do we want to move forward with DLT and if so, how do we take this from use case to business case? What are the challenges to overcome and what opportunities lie ahead?

According to some, blockchain is one of the hottest and most intriguing technologies currently in the market. Similar to the rising of the internet, blockchain could potentially disrupt multiple industries, including financial services. Are there lingering cyber security concerns that need to be addressed before the general public or regulators will trust blockchain solutions? During this session, experts will explore whether the shared nature of blockchain helps or hinders security.

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