



# SWIFT gpi revolutionising the world of payments

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26th of March 2019

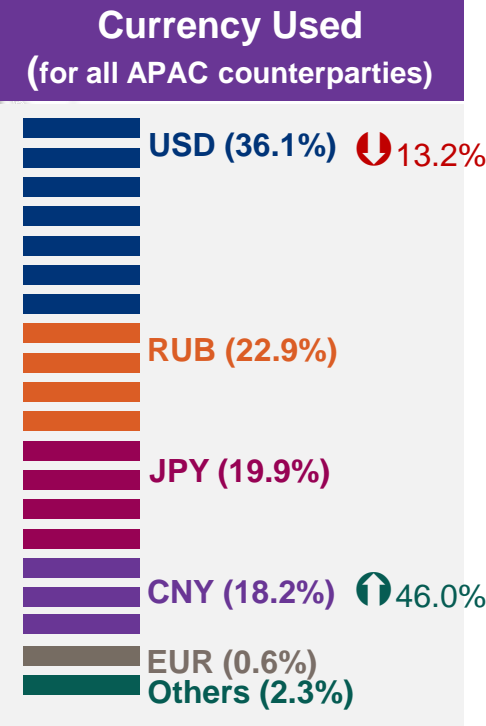
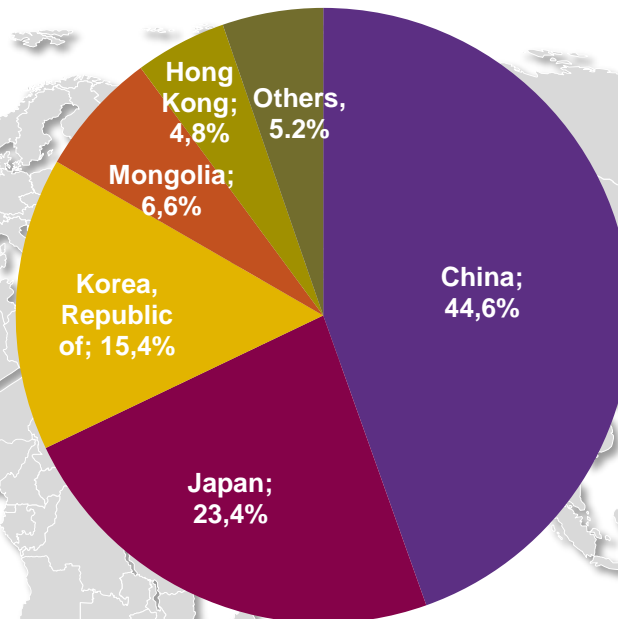
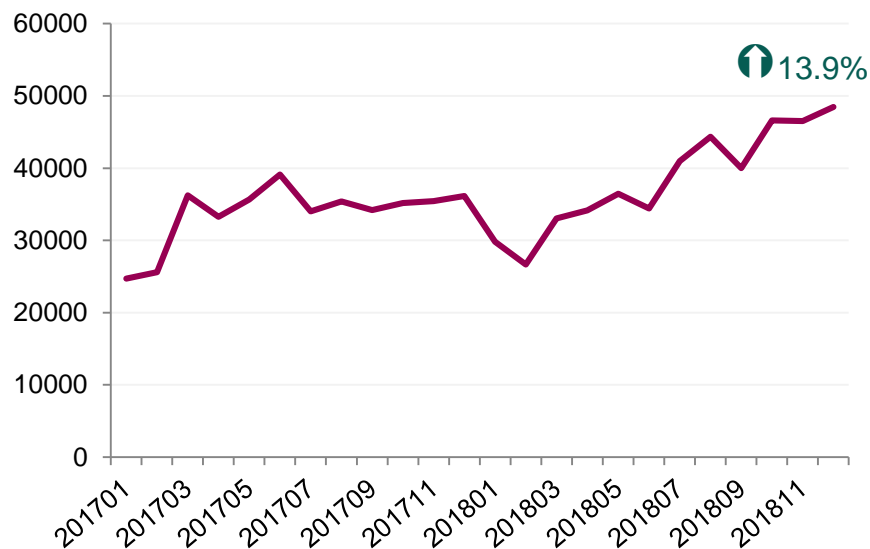
# Traffic analysis between Russia & China: main trends observed



# Top 5 APAC counterparties for cross-border transactions: Russia as sender

Live, delivered **international** messages sent from Russia in FY 2018

Traffic Sent Evolution since 2017



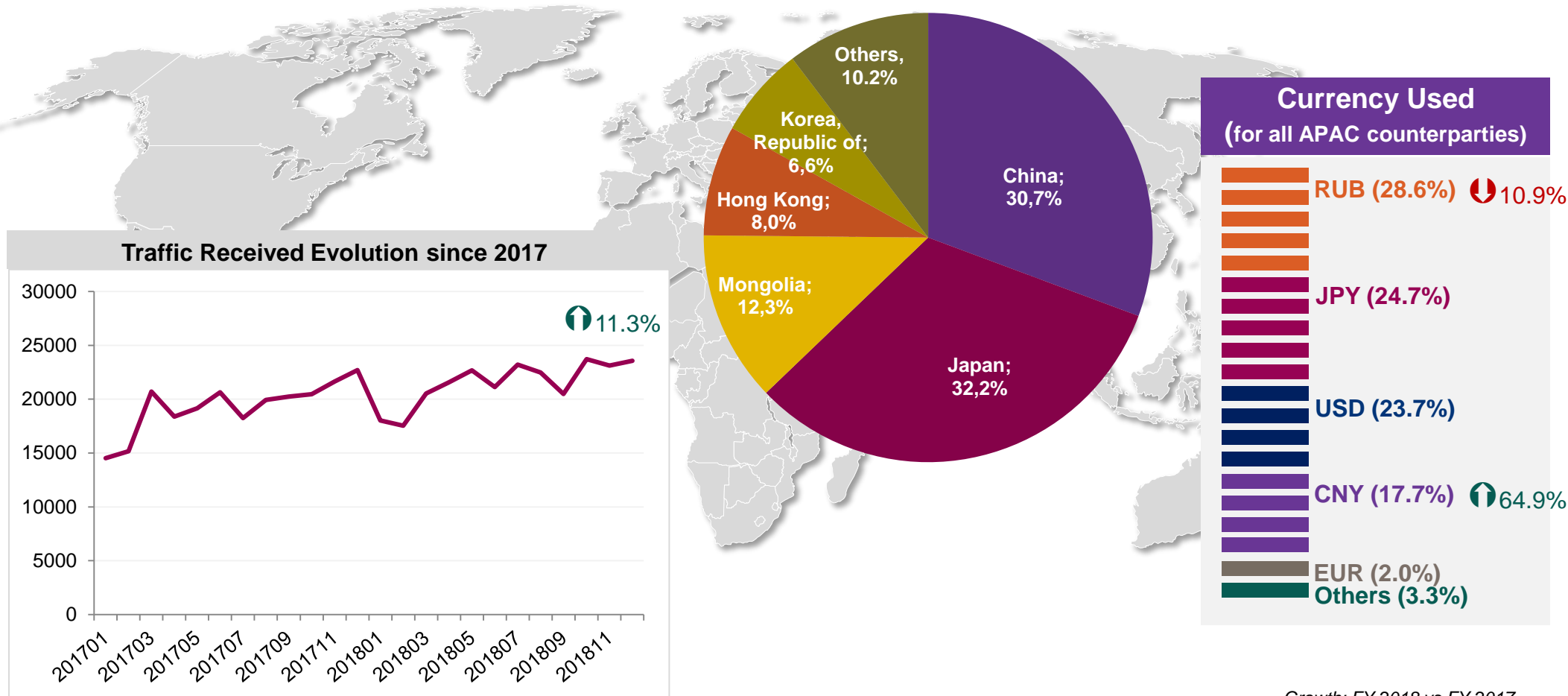
Growth: FY 2018 vs FY 2017

Source: [SWIFT BI](#) Watch



# Top 5 APAC counterparties for cross-border transactions: Russia as receiver

Live, delivered **international** messages received by Russia in FY 2018



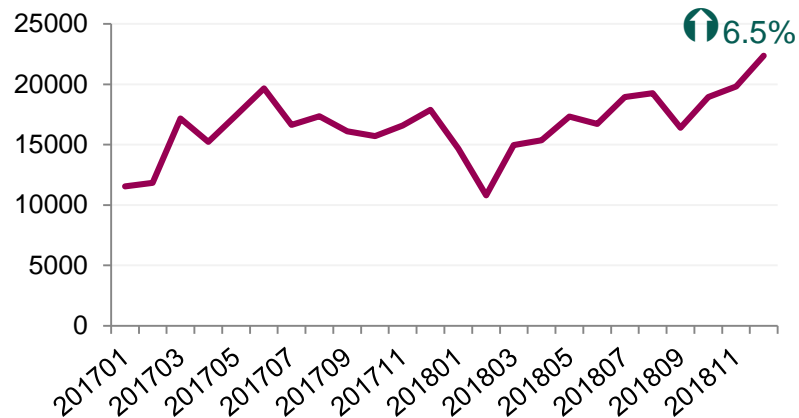
Growth: FY 2018 vs FY 2017

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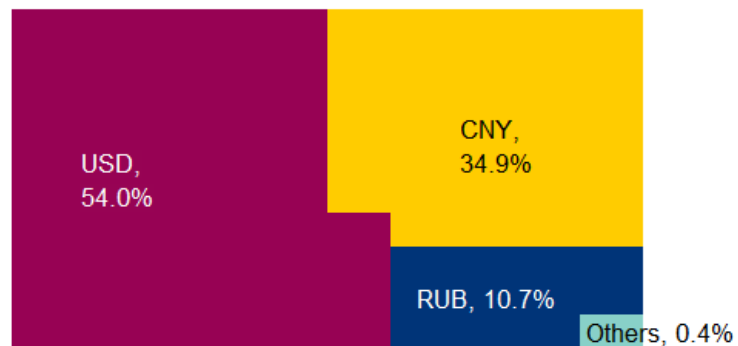
## Zooming into Russia-China flows

Live, delivered **international** messages sent from Russia to China in FY 2018

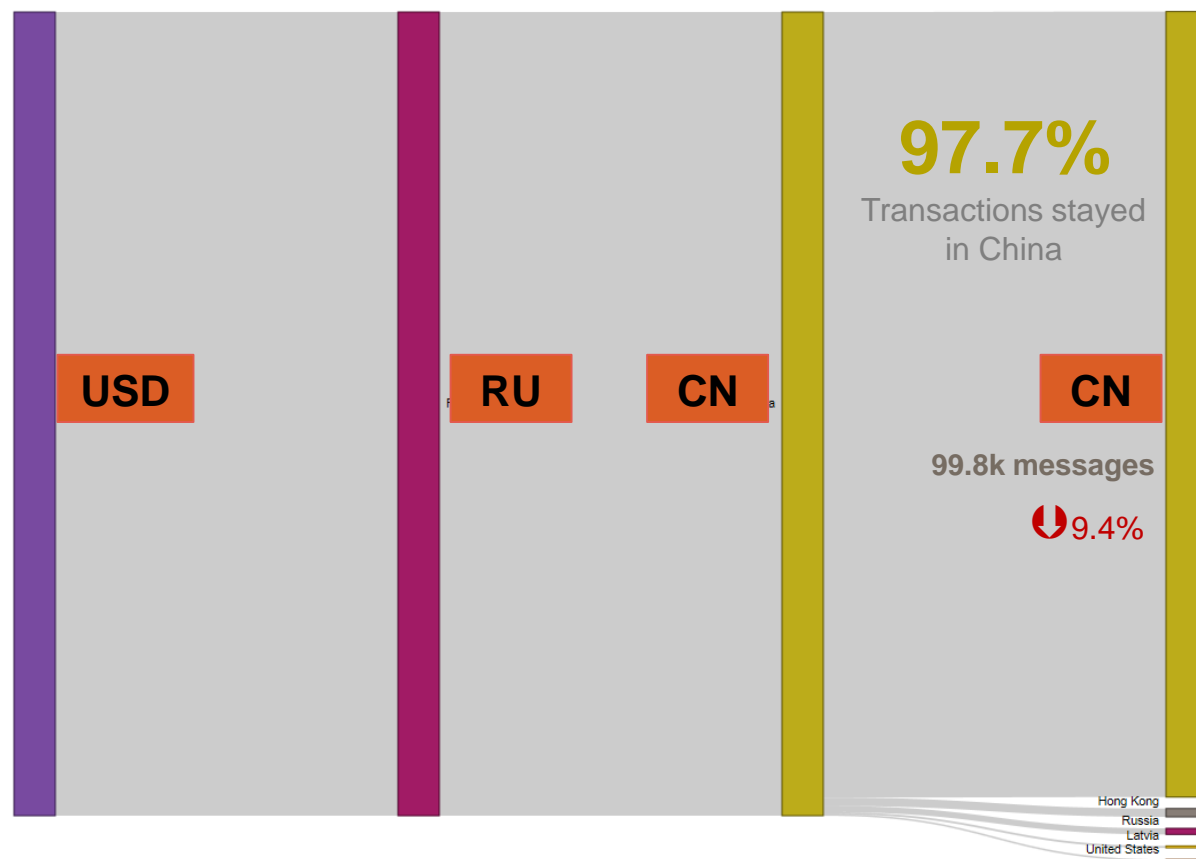
Russia-China Traffic Evolution since 2017



Currency used in Russia-China corridor



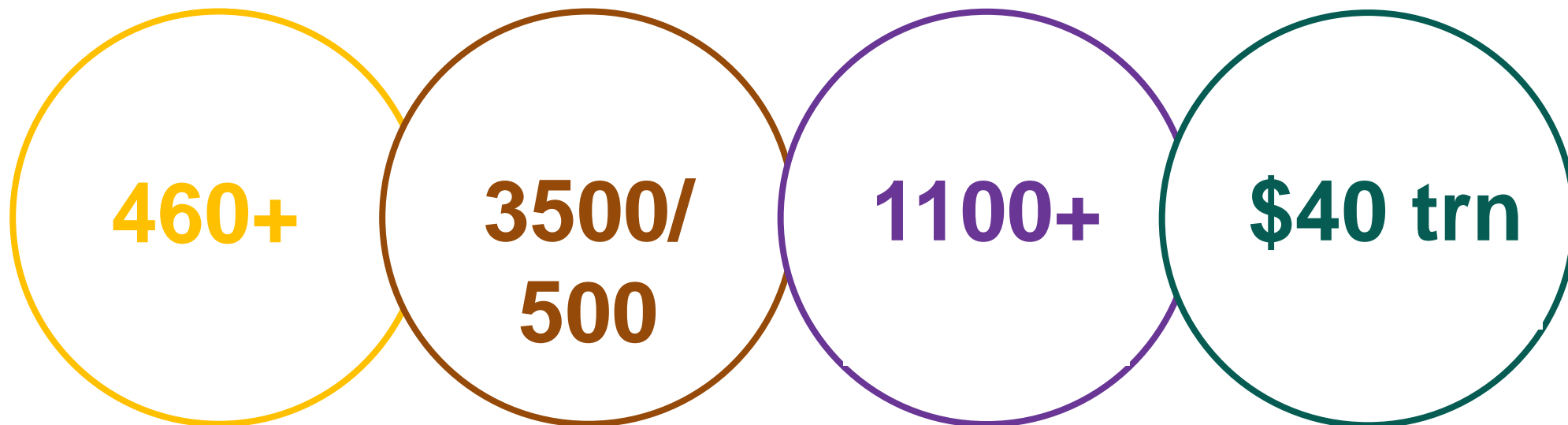
Top 5 end beneficiaries of MT 103s sent from Russia to China using USD



# SWIFT gpi: current level of adoption worldwide, some key figures



## SWIFT gpi – UNPRECEDENTED LEVEL OF ADOPTION IN 2018 ½, SOME KEY FIGURES



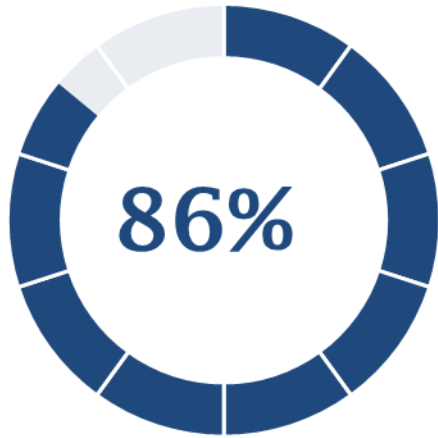
**Banking groups  
subscribed to gpi**

**Represents signed  
BICs/represents live  
BICs**

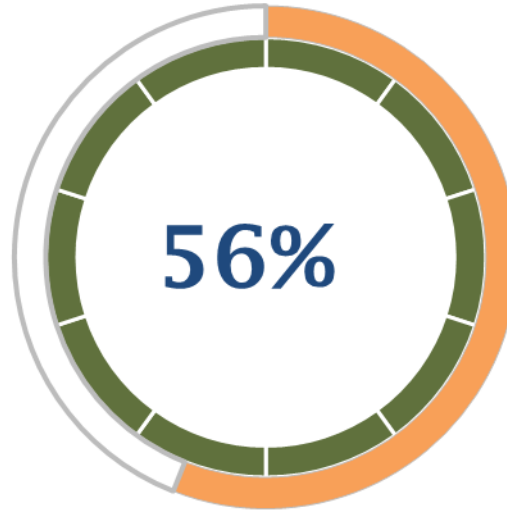
**Payments corridors  
on gpi**

**payments sent as  
gpi in 2018 (a 270%  
year-on-year  
growth)**

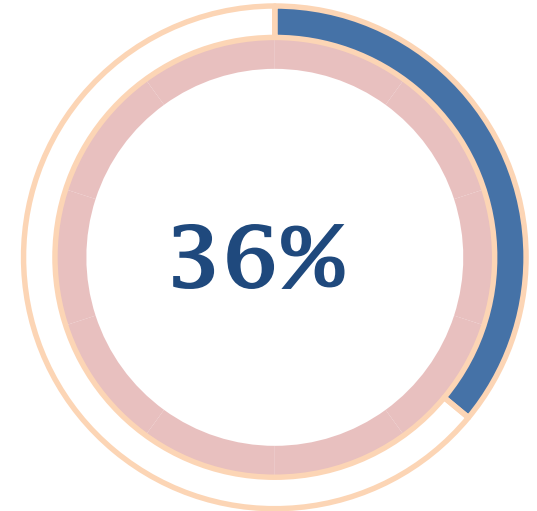
## SWIFT gpi – UNPRECEDENTED LEVEL OF ADOPTION IN 2018 2/2? SOME KEY FIGURES



% of total traffic



% of total traffic sent  
as gpi



% of total traffic  
confirmed



# SWIFT gpi new services rolled out in 2019

gINST

g4C

Pre-validation services

gCASE

gLINK: new platform for Open Banking settlement

# Corporate offering by gpi banks

Live for early adopters (general availability Q2 2019)

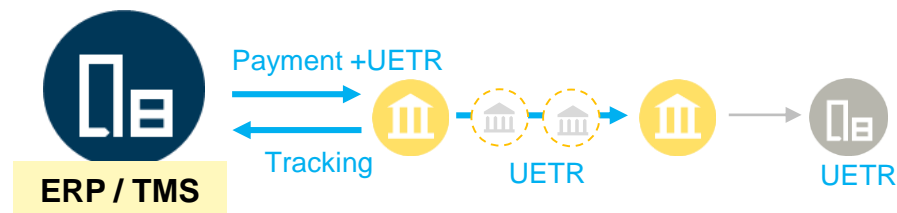
**g4C**

**Integrated in ERP/TMS**  
UETR generation &  
multi-bank tracking

**11**  
Live

**gpi payments, integration in e-banking portals**

**gpi payments, visibility through bank support**



- UETR generation by corporate
- Multi-bank payment tracking
  - ✓ Delivery and credit confirmations
  - ✓ Rejections
- Payment insights
  - ✓ Routing
  - ✓ FX & deducts
  - ✓ Performance (time, corridors, currencies)



# g4C, delivering value to corporates

2019 Roadmap

## Tracking & reconciliation

- Generate the tracking number (UETR)
- Track cross-border payments with all your gpi banks
- Leverage the use of the UETR in your organisation
  - Invoices & reconciliation
  - Payment advice to beneficiary
  - ...

## Payment insights

- Gain full visibility on cross-border transactions
- Optimize exception handling and claims management
- Understand payment processing (time, routing, number of intermediaries, fees)
- Improved vendor relationship with certainty of payment and proactive issue-resolution

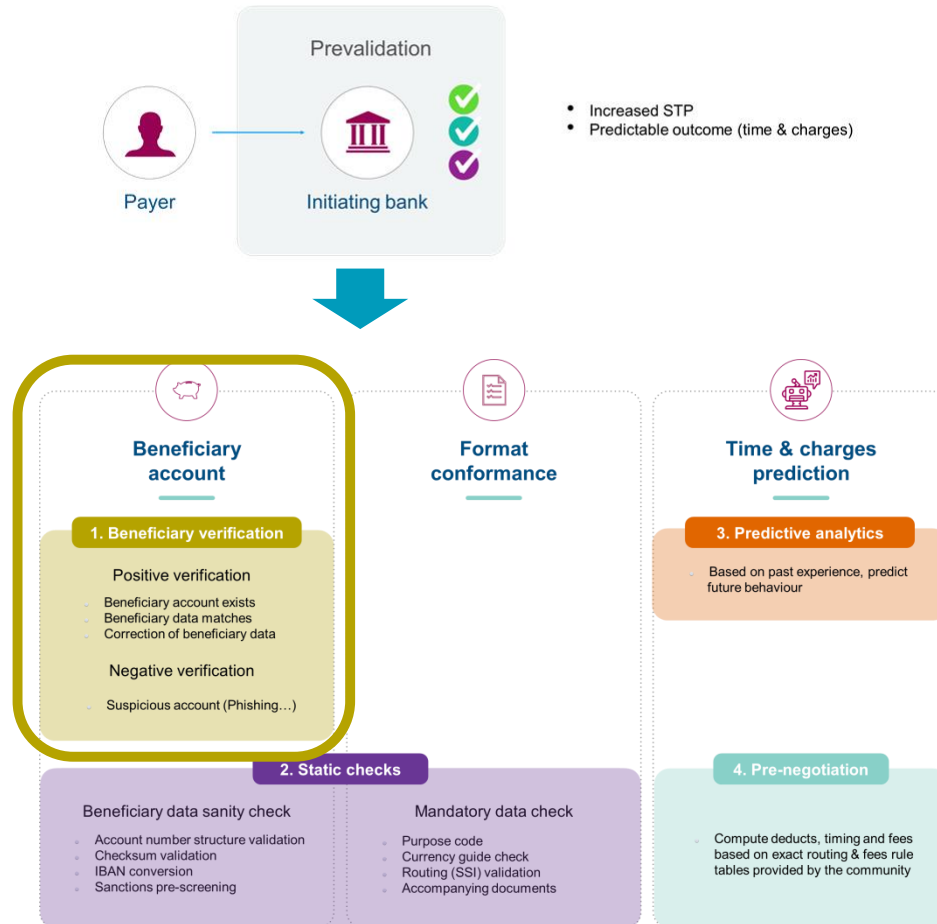
## Certainty for receivables

- Obtain certainty & visibility on receivables with a structured payment advice information
- Accelerate reconciliation of receivables with remittance data provided in advance
- Improve collection processes with payment certainty and in-flight tracking
- Optimize forecasting and liquidity management with in-flight payment information

**Multi-bank experience in treasury systems**



# SWIFTgpi pre-validation



## Beneficiary Account Verification

### ➤ Objective

Measure the concrete business benefits of this solution, such as a positive impact on customer experience, payment processing costs and delays/exception reduction.

### ➤ Description

The SWIFTgpi pre-validation beneficiary account verification solution is an API based solution whereby payment originators can verify whether the creditor information they hold correctly identifies a valid account capable of receiving incoming funds at the beneficiary bank.

This is a many-to-many real-time API solution, in which participants play two roles:

- API Consumer: when, as payment originators, they want to confirm creditor information with a beneficiary bank;
- API Provider: when, as beneficiary bank, they verify in their books the creditor information upon requests sent by payment originators.

### ➤ Timeline

- Q1 2019: Pilot open to additional participants
- Q2/Q3 2019: Implementation & community testing
- Q4 2019: Early adopters

# gCCT Inst - Pilot

## ➤ Objective

Test the implementation of the gCCT Inst service with a closed group of pilot banks

## ➤ Description

Following the successful trial conducted in October 2018 with a limited number of banks from Australia, China, Singapore and Thailand, the gCCT Inst service is being developed with two key differentiating factors:

- **Guaranteed instant processing of cross border payments**
- **Extended operating hours**

These factors allow gpi banks to further consolidate their market positions whilst providing their customers the ability to pay and be paid real time.

## ➤ Timeline

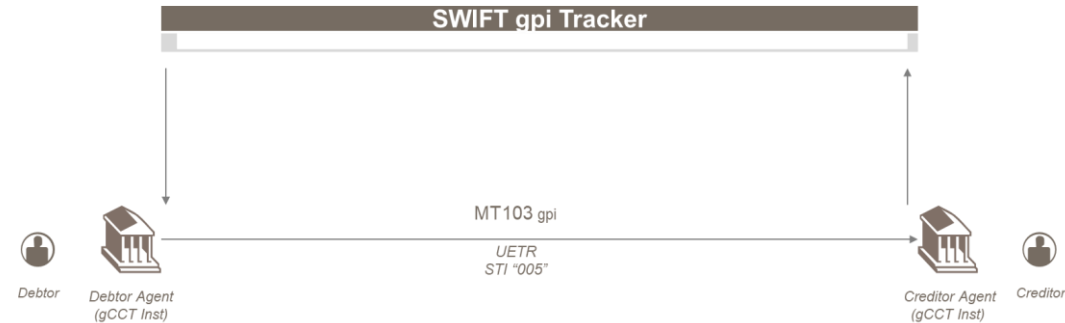
- **Q1' 2019:** Technical infrastructure testing
- **Q2' 2019:** Testing with participants and controlled go live

## ➤ Interested to participate?

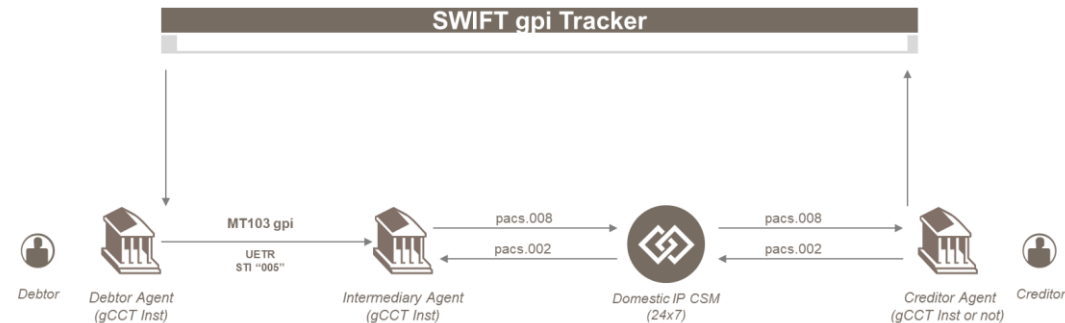
- You must be a gpi bank
- Ability to honor the SLA
  - as Instructing & Instructed agent for Use case 1 (and/or)
  - as Intermediary / Instructed agent for Use case 2

## USE CASE 1: Instant cross-border payment between gpi banks

- Tracker must be updated **within 60 seconds** after reception of the MT103
- **Extended** operating hours (**20x5**)

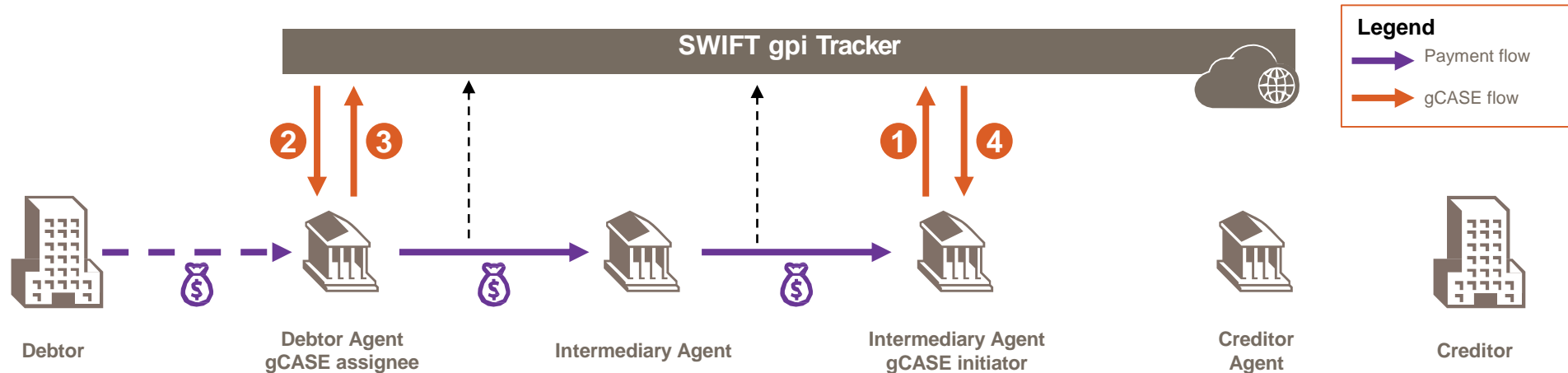


## USE CASE 2: Instant cross-border payments via domestic IP-CSM



# gCASE - Value proposition in a nutshell

Delivering an improved customer service and increased operational efficiencies



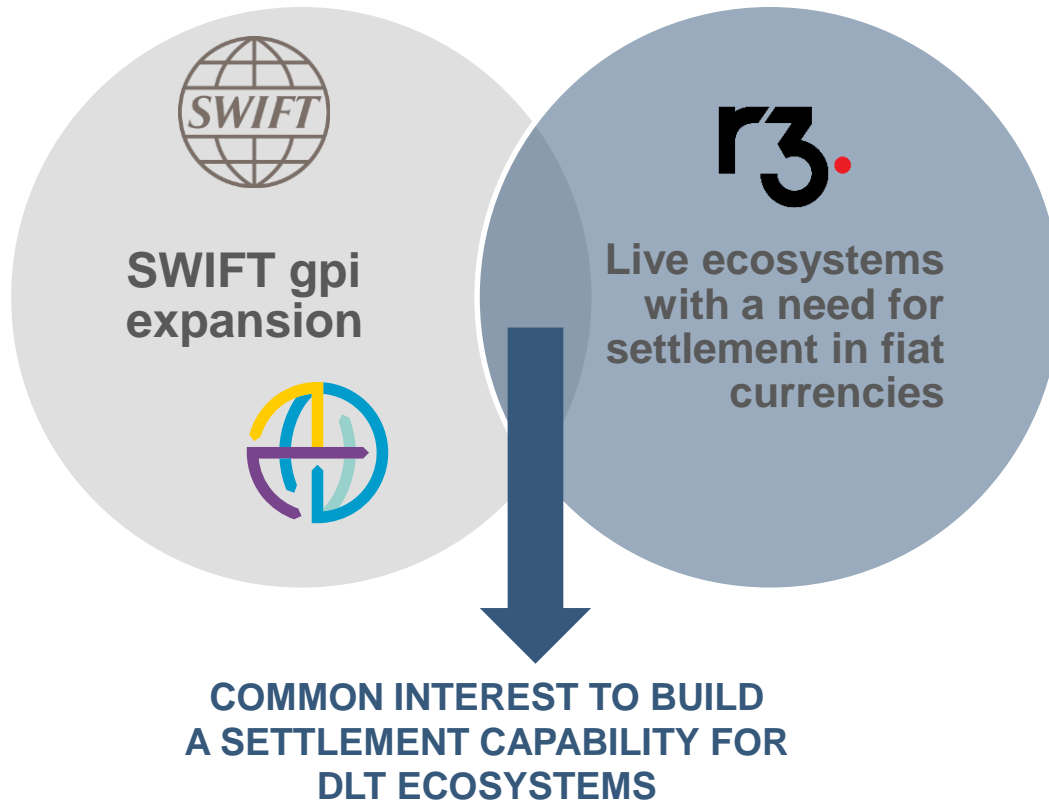
## Value Proposition

- **Improved customer service**
- **Increased operational efficiencies**

## Service benefits

- **Improved transparency:** via the Tracker, follow E&I request anywhere in the gpi CUG and record related interbank communications in an audit trail
- **Shorten resolution time:** smartly rout E&I enquiries to gCASE assignee using the Tracker and ensure timely follow up with SLAs and RuleBook
- **Reduced manual intervention:** use structured codes to standardise communications, avoid duplicate enquiries on same payment and facilitate E&I process automation by case management software solutions

## Starting with a Proof of Concept in collaboration with R3



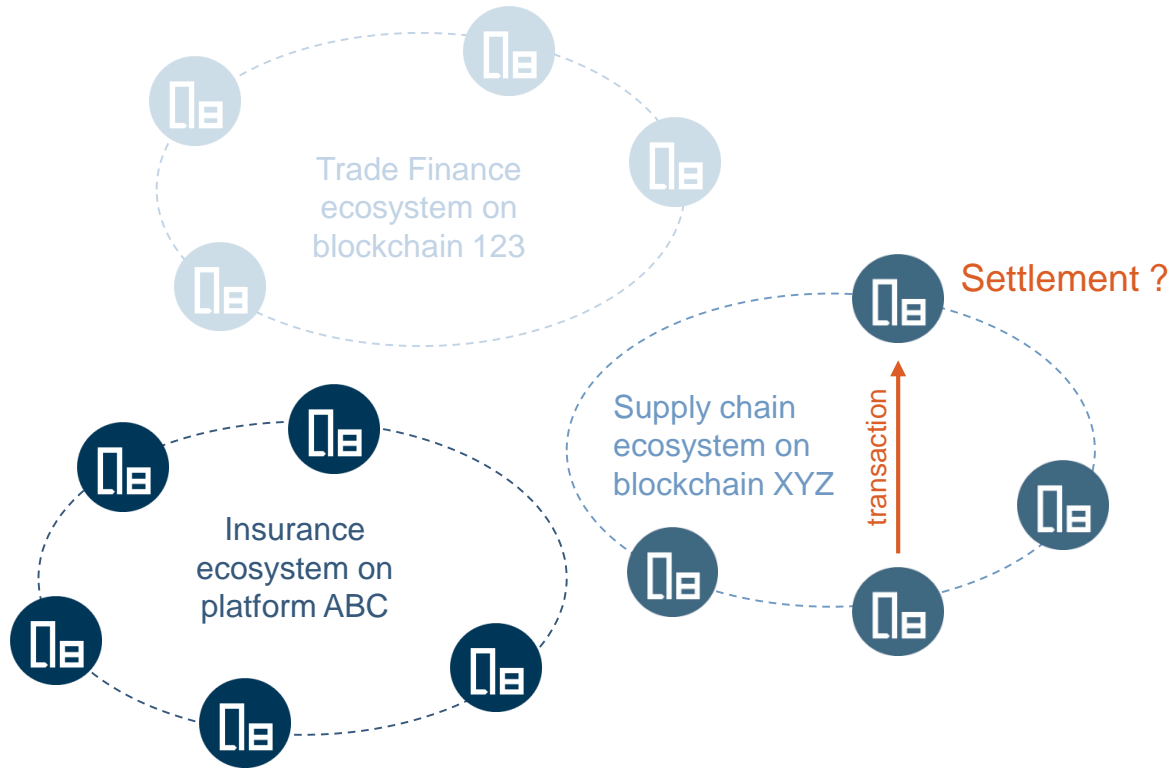
SWIFT and R3 are collaborating on a **gpi Link Proof of Concept**: the gpi Link will allow gpi payment capabilities to be embedded directly into R3's DLT platform

There is no live service or commercial agreement yet

SWIFT may decide to open the Proof of Concept to other DLT providers/business ecosystems/e-commerce/payment service providers

# SWIFT gLINK- Business context

B2B ecosystems are flourishing...



...but settlement within the ecosystem remains a challenge...

- Little appetite for settlement in crypto currencies
- Global bank adoption hard to achieve (multiple integrations)
- Automated payment confirmation is often key to B2B ecosystems
- **Pressing need for fast, transparent, global and secure settlement in fiat currencies initiated from the ecosystem**



# gpi Link - Proof of Concept

## ➤ Objective of the Proof of Concept

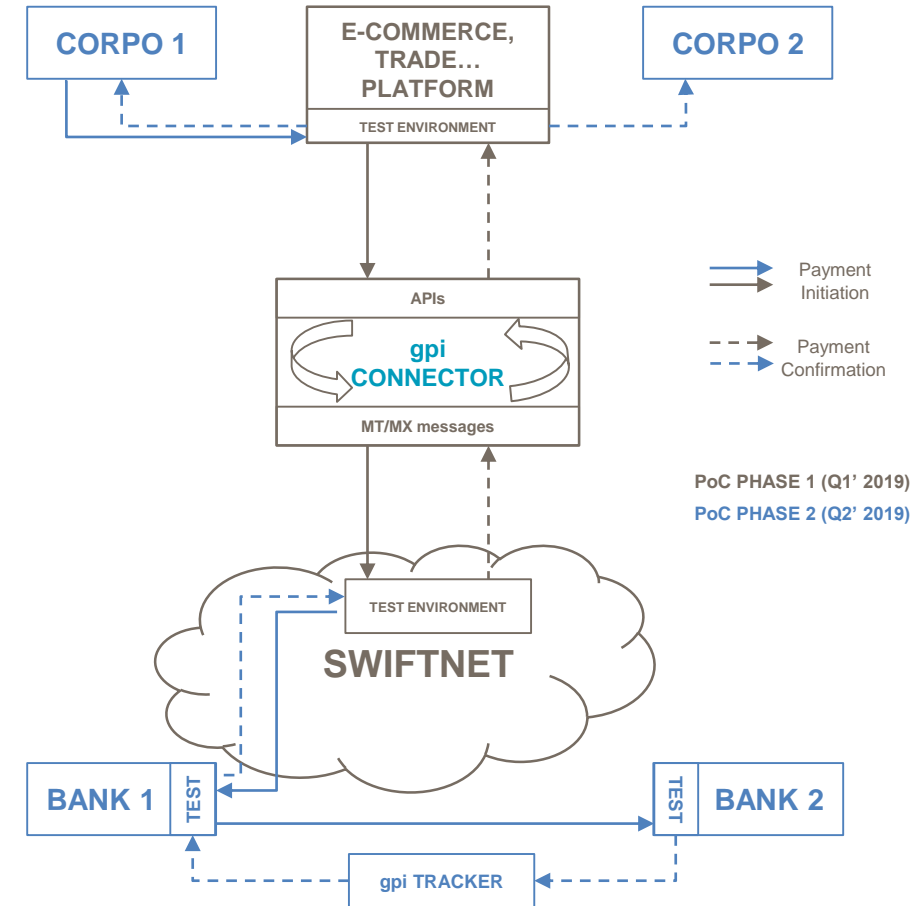
Test the provision of a gpi-based payment solution to trade and e-commerce environments.

## ➤ Description

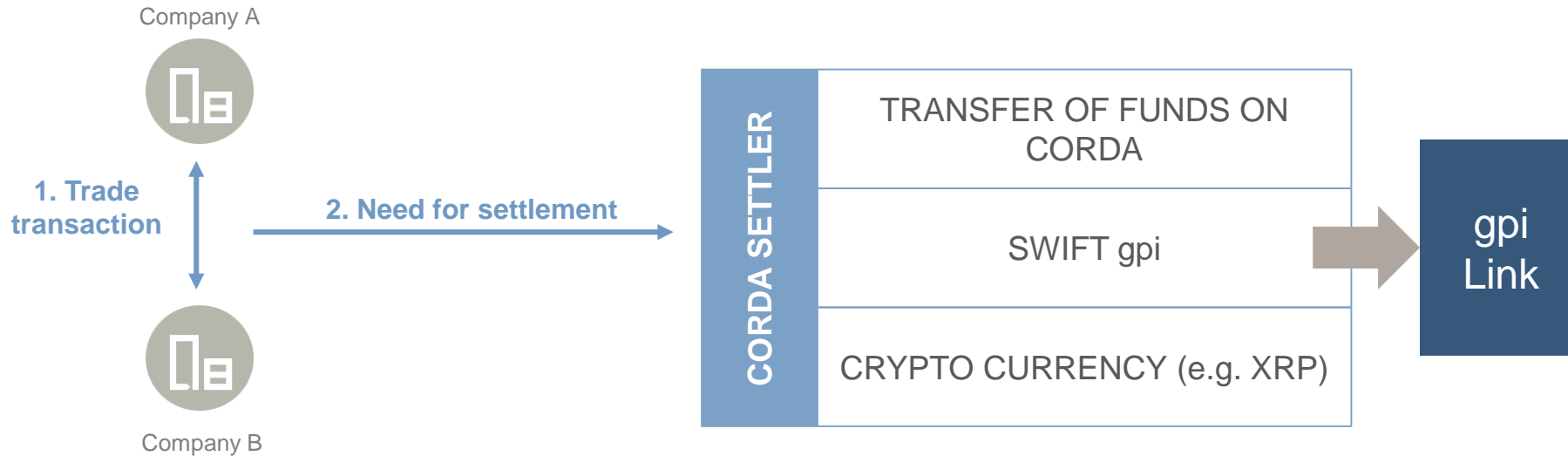
The gpi connector will consist of an open yet secured API environment, between trade and e-commerce ecosystems and gpi banks, via the SWIFT network. The flow will cater for payment initiation, end-to-end payment tracking, and a payment confirmation, leveraging the SWIFT gpi capabilities. It will also allow payer authentication. The connector will use existing set-ups, limiting the integration effort for banks.

## ➤ Timeline

- Q1' 2019: technical infrastructure testing
- Q2' 2019: testing with participants (banks & corporates)
- Q3' 2019: showcase at Sibos



## Settlement on Corda



The gpi Link does not enable XRP or any crypto currency settlement

SWIFT is not collaborating with Ripple in this PoC. The gpi Link aims at providing a settlement solution to trade ecosystems. Ripple does not operate a trade ecosystem; their main business model is to provide clearing and settlement for cross-border payments

**Global  
adoption**



**More  
value**



[www.swift.com](http://www.swift.com)