ACG Cross-training seminar
Enhancing our data platform to support instant and frictionless transactions

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SWIFT is active in the capital markets space with over 6000 customers
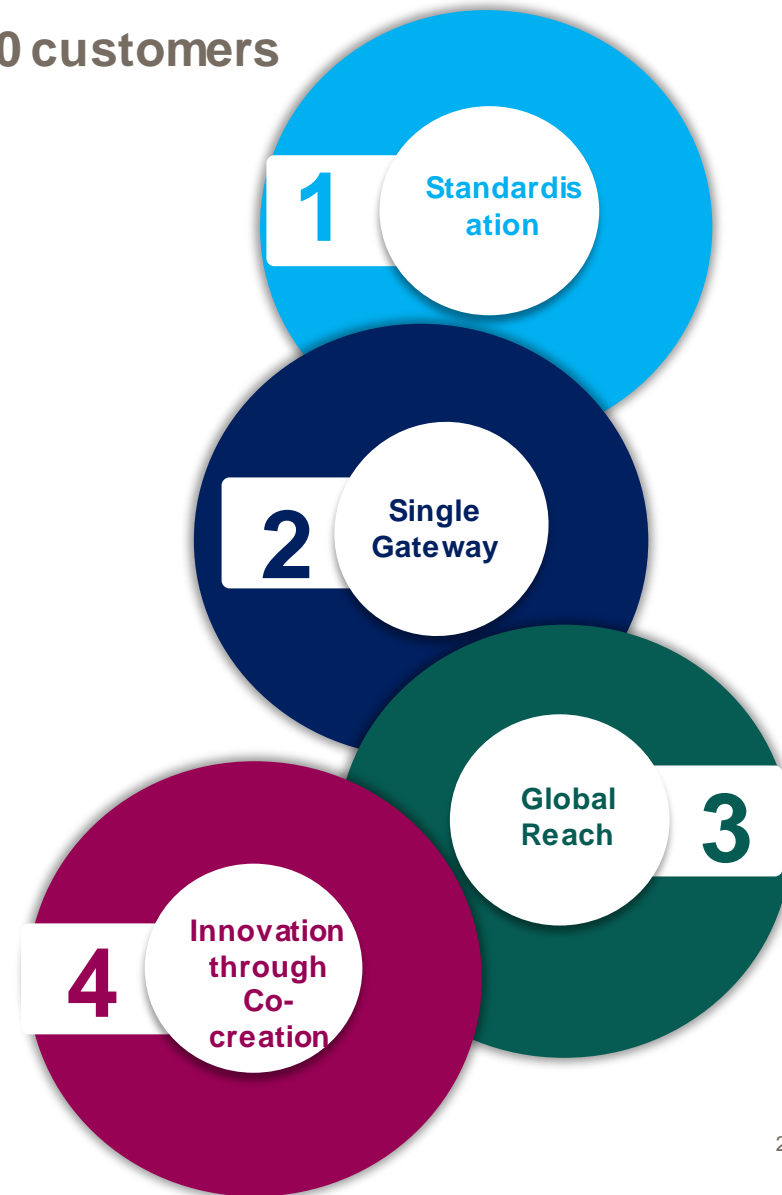
Capital Markets

900+
Asset Managers

550+
Broker Dealers

5,000+
Banks/ Custodians

250+
Market Infrastructures

1 Standardisation

2 Single Gateway

3 Global Reach

4 Innovation through Co-creation

In Asia-Pacific, SWIFT has 27 connected securities market infrastructures with 7 live ISO 20022 services

SWIFT Live APAC SMIs

	15022 (Service)	20022 (Service)
AU	FI settlement, IRESS	CA, Equities settlement (2024/2025)
HK	FI settlement, TR, OTC	Funds Hub, CA (FI and Equities), Synapse (2023)
TH	Equities/FI settlement, CA	
SG	FI settlement, CA	CA, Equities settlement
NZ	Equities/FI settlement	
IN	CA	
ID	CA	
KR		Funds Hub
LK	FI settlement	
MY	FI settlement	
CN	FX, FI settlement	

Legend
FI: Fixed Income, CA: Corporate Actions

SWIFT has a **new strategic vision** of instant and frictionless transactions

Builds on our foundation as an industry co-operative with unrivalled security standards to innovate rapidly at scale, with the right levels of risk and control

SWIFT Strategic Vision

Frictionless payments

Instant and frictionless transactions from account to account anywhere in the world, building on and extending gpi

Smarter securities

Smarter securities services for greater simplicity and efficiency

Open state-of-the art platform

State-of-the art digital platform that enables messaging and transaction services with effortless customer experience

Rich data

End-to-end integrity and rich data services enabled by ISO 20022, to help our users innovate and grow

Smarter   **Faster**   **Better**
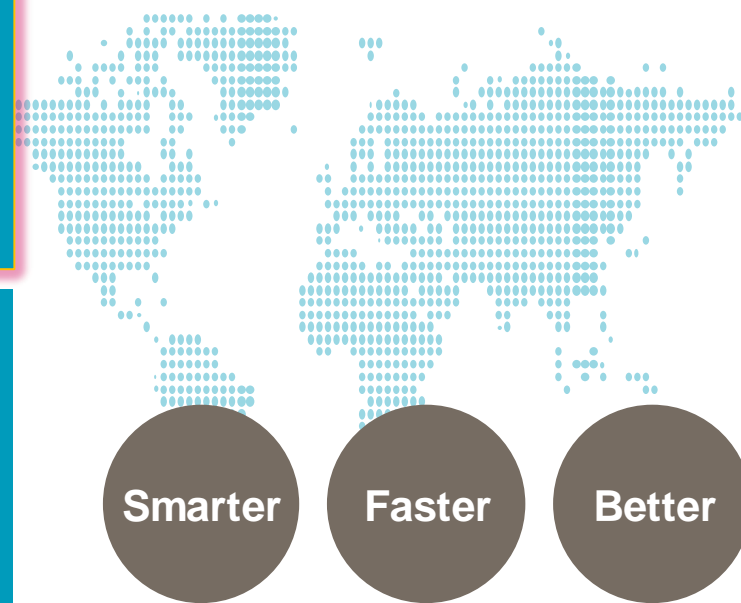
Smarter securities aims to enhance the customer experience by enabling transaction management and real-time tracking

Current and future state

From isolated messaging

To transaction visibility
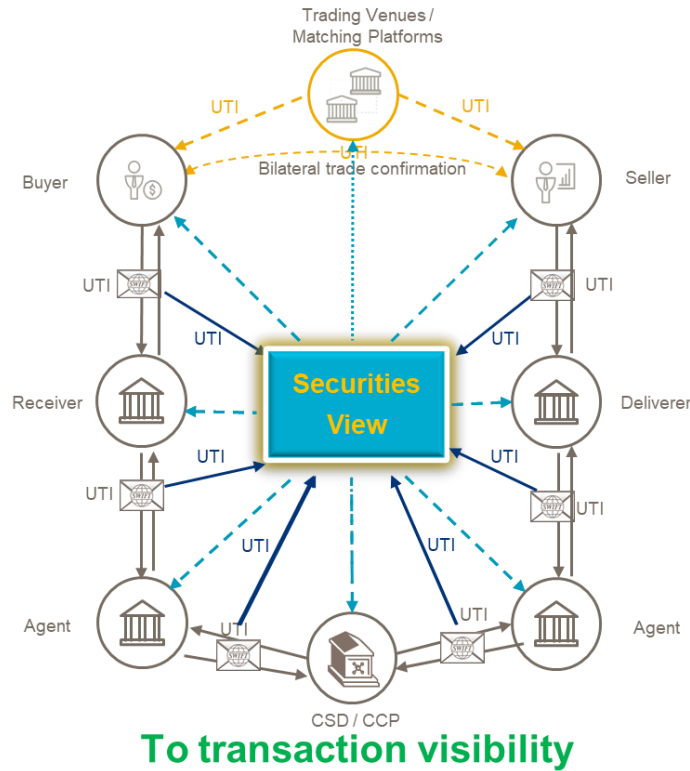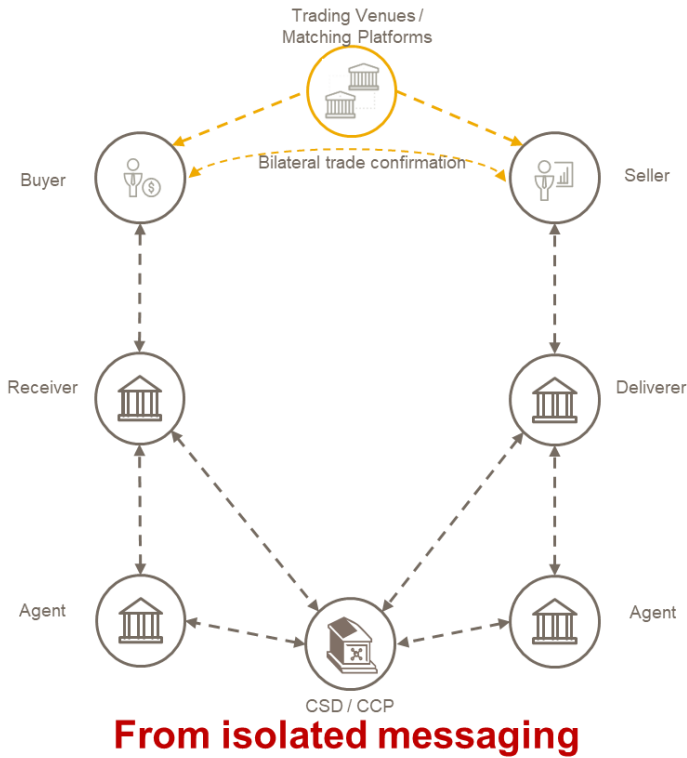
Unique Transaction Identifier (UTI)

- Unique
- Standard
- Trusted
- Persistent
- Unambiguous

We are co-building the foundation layer with the Securities view service and open platform

Flow

- Instruction
- Status
- Confirmation

Asset Manager → Global Custodian → Local Custodian → CSD → Local Custodian → Broker

Platform interactions
SWIFT API GUI

SWIFT platform

Securities View

Services

Early and simultaneous dissemination of the information	Insights based on settlement data	Message compare and discrepancy alerting	Integration with exceptions management and case resolution platforms	Instructions are populated with updated counterparty/ SSIs	Facilitate fails predictability and penalties estimates	Check stock availability
GUI API SWIFT	GUI	GUI API	API	GUI API SWIFT	API	API
Notification service	**Observer Insights**	**Message Compare**	**Exception Management Case resolution**	**Enhanced SSI validation/ enrichment**	**Penalties estimates calculation**	**Real-time access to holdings**

Foundation

To achieve our strategy of instant and frictionless cross-border transactions, we are enhancing our data services and upgrading our data platform

- Near real-time capabilities
- Enabling a fast, consistent, secure exchange of data
- Integrated and automated data quality enhancing capabilities
- Enforcing governance through single point for data distribution and data access
- Better AI/ML scaling capability
- Cloud ready

Business Outcomes

Frictionless customer experience

New product & monetization opportunities

Cost efficiency

Well-governed data ownership and control

One example is in Corporate Actions
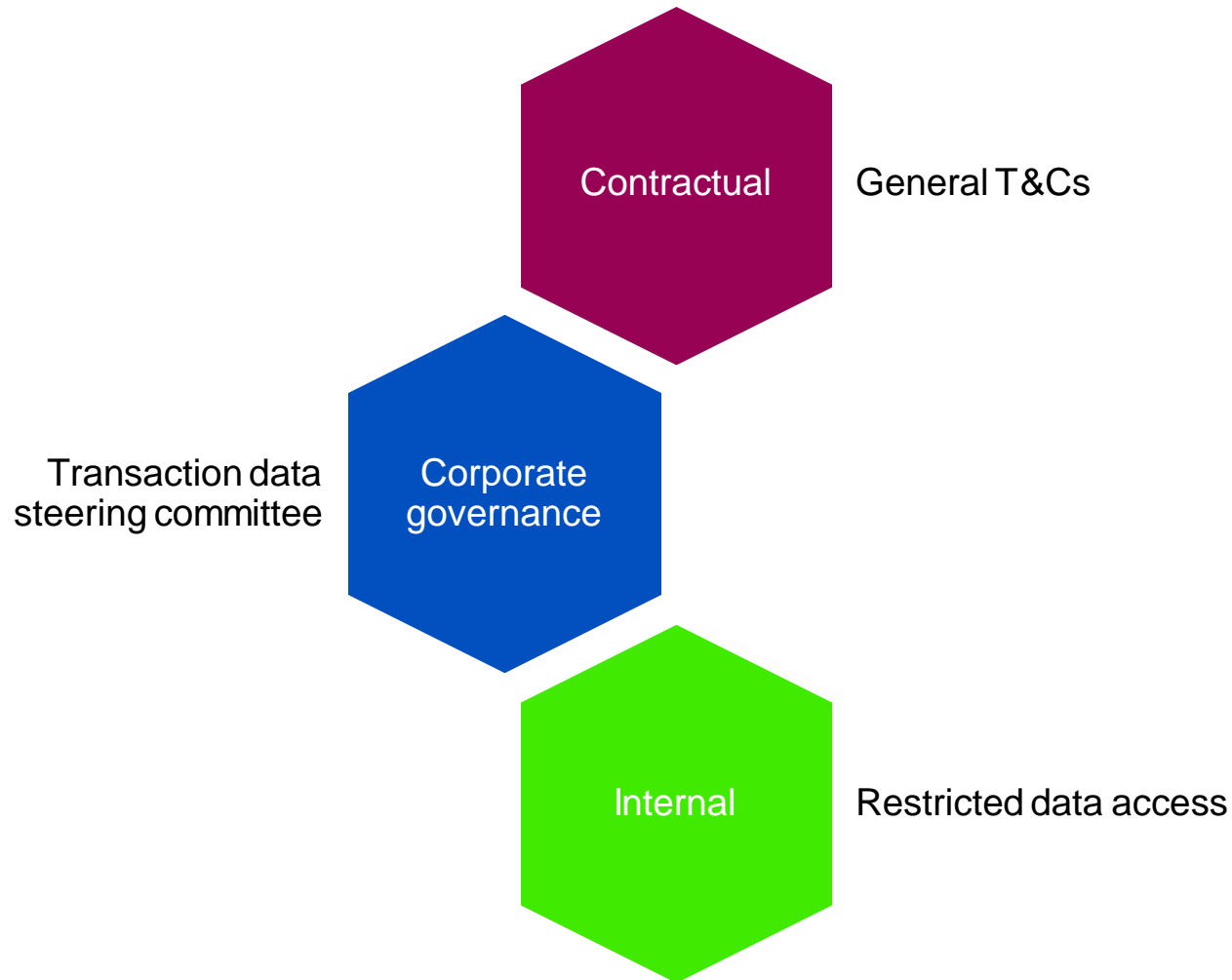
We have partnered with Symbiont to

1. **Deploy a blockchain** network with multiple nodes

2. **A selective and secure CA data sharing environment** that creates a shared view of an event.

3. **Use smart contracts** to compare shared data (in SWIFT messages) among participants and flag discrepancies, contradictions or inconsistencies across custodians

4. **Test the value of a number of additional ideas** including how to use SWIFT data in a blockchain or SWIFT's AI capabilities to normalize the data
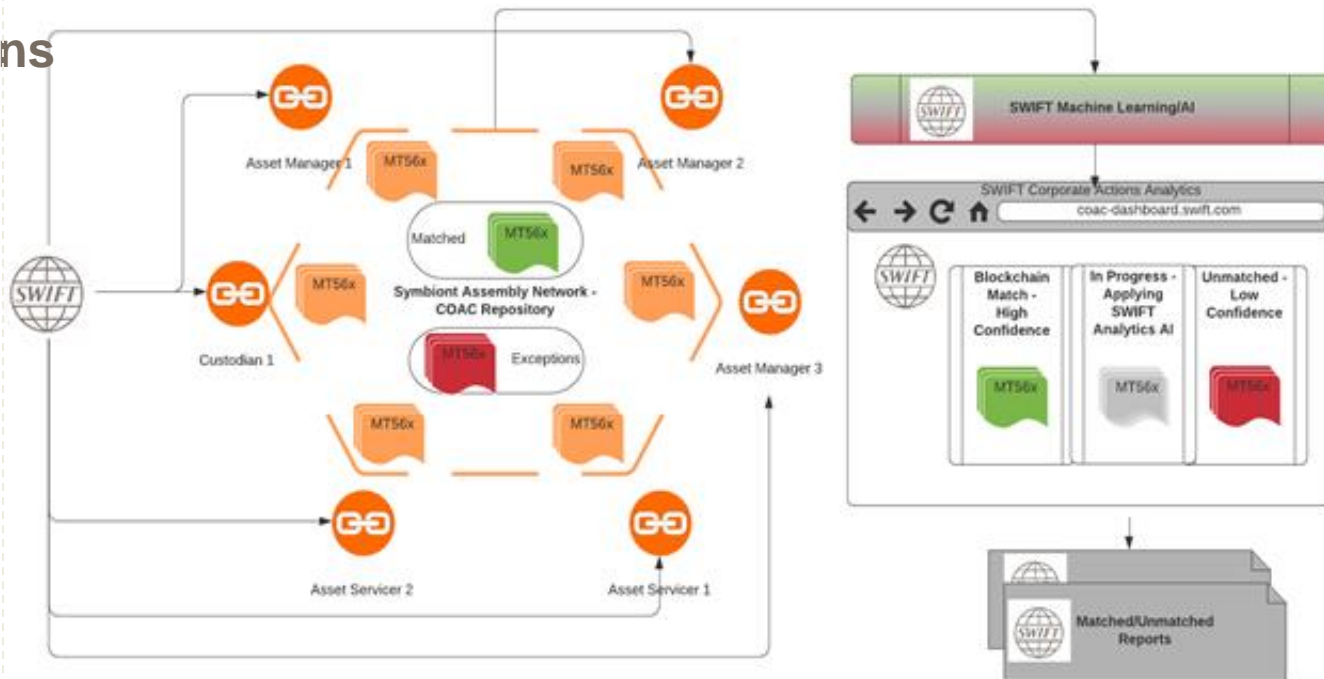
- A no touch experience for CA processing teams
- An easy and secure way to share corporate action data
- A shared source market-wide scrubbed view of events and event choices
- Automatic flagging of discrepancies / inconsistencies across custodians

- Better way to communicate questions to custodians
- Automatic comparison of custody feeds vs data vendor feeds (Bloomberg, etc.)
- Automatic reconciliation of elections, status and confirmations
- Timeline history linking preliminary, replacements, amendments and final notifications
- AI is capable of normalizing data

Keeping in mind, that well-governed data ownership and control is at the heart of SWIFT

Contractual — General T&Cs

Transaction data steering committee — **Corporate governance**

Internal — Restricted data access