Agenda

01 Understanding Client Challenges
02 FIS Solution
03 Why FIS?
01 - Challenges
FIS’s Managed Bank Connectivity Solution
Today’s banking environment

- Corporate & bank services
- Evolving Security Landscape / Malware protection
- Multiple payment types
- Keeping up with new Mandates
- Technology driven solutions
- Compliance
- Risk mitigation/ Tighter controls
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks

Challenges

• Multitude of connections, systems to utilize, maintain, audit, control
• Limited capability to communication with banks and corporate clients to provide services
• Lack of straight-through processing on payments
• Inefficient and error-prone manual processes
• Systems / data security and resiliency concerns
## Additional Challenges faced by Banks

### Resources
- Security
- Infrastructure
- Standards
- New Technology

### Automation
- End to end automation
- Integration with bank office systems
- Mitigating risk in manual processing

### Competition
- New market entrants
- With other banks
- Offering new services
- With other internal projects
Industry Trends

New Technologies / FinTech
• Distributed Ledger Technology (DLT)

Cyber security

API’s

Real-Time Payments

Fraud prevention

Compliance Regulation
Benefits to join SWIFT

- Global Visibility on cash and trade
- Lower cost of financial transactions
- Streamline operational processes and regulatory compliance
- Improved security/reliability
FIS’s Managed Bank Connectivity Solution
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks

Market Presence
- 17 years of experience in SWIFT services
- Certified SSB since 2003
- Over 300 clients in North America, EMEA and APAC
- One of the Largest SSB’s

Support and Operations
- SWIFT Certified consultants
- Various support models: business hours, 24/5, 24/7
- Premium SWIFT SLA of 99.99% (less than 1 hour of down-time in full year)
- Achieved over 99.9999% availability

Traffic
- Processed + 20 million SWIFT messages and files in 2016
- Processing appr. 23% of all Corporate related traffic on SWIFT
- Multi-channel SWIFT, EBICS, Host-to-Host (secure FTP), BACS

Certified SWIFT Service Bureau
- SunGard AvantGard America North USA
- SunGard Financial Systems France Europe France
- SunGard Switzerland SA Europe Switzerland

See: https://www.swift.com/about-us/partner-programme/service-bureau-directory#topic-tabs-menu
Functional Overview
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks

➢ **SWIFT Connectivity Services**
  – FIS provides direct connection to the SWIFT’s network through its fully owned and Premier certified Service Bureau.

➢ **Host to Host Connection to Non SWIFT Banks**
  – Direct Connection through Secure FTP to any bank
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks
# FIS’s Managed Bank Connectivity Solution

## SWIFT Service Bureau for Banks

### Messages

<table>
<thead>
<tr>
<th>Date</th>
<th>TRN</th>
<th>Phase</th>
<th>Action</th>
<th>Reason</th>
<th>Sender</th>
<th>Receiver</th>
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<tbody>
<tr>
<td>07/22/2017</td>
<td>19:06:25.921</td>
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### Archive

- Database: 0

### Incoming

- Live: Processing: 0, Failed: 0, Total: 0
- Archive: Database: 0

### Outgoing

- Live: Draft: 4, Processing: 6, Altered: 1, Failed: 0, Total: 13
- Archive: Database: 0
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks – Enhanced Benefits

- Standardized connectivity model (channel rationalization)
  - Bank Agnostic solution which makes it easier to change banks
- Security, 99.999% network availability
- Highest degree of security and resiliency to protect your communication channel from Malware and Fraud
- Compliance: Using a single interface reduces burden required to document, and keep up to date, banking communication processes for those corporates under stringent compliance requirements
- Connectivity dashboard – real time view of all inbound and outbound transactions
- Provide capability to be “SWIFT SCORE Ready” providing robust services directly to your clients
- Interface with OFAC protects corporations from suspicious transactions before they are sent to the banks or any incoming messages received
- Long term archival provides users with the ability to search data for compliance/auditing perspective for up to 7 years.
- 24/7 Support, including upgrades and patches as required
- Fully managed service no internal expertise needed
- Reduce costs and internal IT requirements
FIS’s Managed Bank Connectivity
SWIFT Service Bureau for Banks

Connectivity to all your Banking correspondants and Corporate clients
03 – Why FIS?

FIS’s Managed Bank Connectivity Solution
FIS’s Managed Bank Connectivity Solution
SWIFT Service Bureau for Banks

Support & Service Governance
- Functional Support
- Technical and Infrastructure support
- Service Delivery Management
- Enhanced services

Transition
- HyperCare provided by FIS project team
- Supporting the transition from project mode to business as usual
- Handover to FIS Support team

Managed Bank Connectivity
- Dashboard Application
- Connectivity to treasury systems, ERP Systems and any other back office
- Web based HTML 5 ready
- SWIFT enabled and Host to host connections supported

Private Cloud Service
- Dedicated and secure environments
- Standard and Premium service options
- Managed infrastructure by FIS

Implementation
- End to end delivery services
- Proven project methodology
- Experienced Treasury specialists
The Value of Experience

Our experience - allows us to efficiently deliver solutions and support

Our size and scale - helps our clients get where they want to go faster

Breadth of solution: Our financial strength allows us to invest in product development and innovation at significantly higher than average levels

Global experience, working with companies large and small: We have a worldwide roster of clients – from global giants to community institutions

Protecting our clients: Our experience in risk management and information security leads to a sharp, steady focus on protecting our clients

Service and delivery experience: Centralized, professionalized global centers of excellence, constantly working to improve the customer experience

INDUSTRY EXPERTISE
+40 Years FinTech experience
+3,000 Consultants
+55,000 Employees worldwide
210 Operational facilities
Why FIS?

- Global Functional Coverage
- Service Commitment
- FIS Cloud Advantage
- Organizational Stability
- Experience