DTCC

THE FUTURE OF CLEARING AND SETTLEMENT

Virtual Event Forum

Date: December 9, 2025

AGENDA

1. 2026 Timeline
2. The Client Journey
3. Modernized Connectivity Options and Framework
4. Setup Process
5. Q & A

2026 TIMELINE

Q1

January 21: Client Connectivity Onboarding and Testing begins for modernized applications: CNS®, ETF and Settlement.

March 4: ISO 20022 Test Facility available for testing Settlement ISO20022 messages.

	Q2	Q3	Q4
Connectivity Testing	PROD: Settlement	PROD: CNS®	PROD: ETF
UAT / Functional Testing	CNS®	- Settlement ISO 20022 Messaging - Settlement Transaction Manager Core Platform	ETF
Go-Live			- Settlement ISO 20022 Messaging - CNS® Modernized

CLIENT JOURNEY OVERVIEW

In Progress Now

CLIENT OUTREACH

Comprehensive client outreach with Relationship Management

Review Client Interface & Profile Usage Reports

Identify Technical Contacts for Network and Settlement

CLIENT PROFILE UPDATES

Deliverer Authorization

CNS Exemptions

RAD (Receiver Authorize Delivery)

Pend Processing Recycle

Engage SIFMU Integration

PROJECT KICK OFF

Attend DTCC Workshop to review Project Plan and next steps

MQ / SFTP User ID's

Super Access Coordinator (SAC) provisioning for new subscriptions and entitlements via Customer Registration System (CRS)

CONNECTIVITY

Connectivity form is completed

PSE-U (BAU) PSE-A (modernized) Production Connectivity

DATA DELIVERY

DocuSign Form Submissions

Testing

TEST SCRIPTS

All clients will be provided with the respective test scripts

TESTING SUPPORT

Clients will have access to an ISO 20022 test facility

TESTING ATTESTATION

Testing sign off is required before production implementation

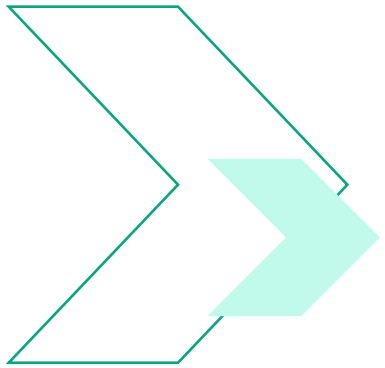
Activation in Production

Coordinate and establish the set ups in PROD and align with GO LIVE date

Contact us at dtcctransformation@dtcc.com

ENGAGEMENT WITH SIFMU INTEGRATION

- **Project Management:** We will oversee the initiative end-to-end, ensuring that all milestones are achieved within the timelines outlined in the Transformation Roadmap. This includes monitoring progress, identifying risks, and implementing mitigation strategies to keep the project on track.
- **Milestone and Roadmap Management:** Project milestones will be managed in tandem with the overall roadmap, which will be maintained and updated by our team. This ensures alignment across workstreams and transparency for stakeholders.
- **Client Documentation Support:** We will assist in preparing and completing client-facing documentation, including connectivity and data delivery forms, to facilitate a smooth transition and enhance client experience.
- **Cross-Functional Coordination:** Our team will act as the central point of contact, collaborating with technology, operations, and business units to ensure deliverables are integrated and dependencies are managed effectively.



Q1 2026	Project Milestones
	Kick-Off Presentation
	Initial Consultation
	Connectivity
	Entitlements
	Data Delivery
	Training
	Scripted Testing
	Production Readiness
	Go-Live

MODERNIZED CONNECTIVITY OPTIONS

High level requirements

- All clients must establish new connections into our Distributed Servers. Legacy (Mainframe) connections cannot be used.
- Password authentication is not supported. Instead,
  - SFTP clients must use SSH Keys
  - MQ clients must use the Distinguished Name on Certificates.
- Modernized Connectivity framework

Network Type / Connectivity Method	SFTP	IBM MQ	NDM
Open Internet	✓	✗	✗
SMART	✓	✓	✗
BT Radianz	✓	✓	✗
IGN SFTI	✓	✓	✗
ANIRA Gateway	✗	✗	✗

Note: Existing connections for other business lines are not impacted.

MODERNIZED CLIENT CONNECTIVITY FRAMEWORK

As part of this modernization effort, client connectivity will be **directly aligned with account setup**. Based on the chosen connectivity method and Product combination, each client will be allocated a **defined number of connections and SFTP and/or MQ User IDs.**

This structured method shortens the time required to establish connectivity and enhances visibility into your connections during lifecycle events. Furthermore, organizing connections by Service/Products helps mitigate the risk of a single point of failure.

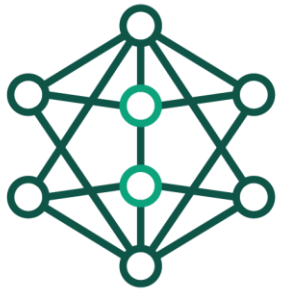
	SFTP	IBM MQ
Connections	Two connections are provided per Service. One for Test and one for Production. • Two connections for Settlement Services. • Two connections for Clearing Services **(CNS and ETF)**	Three connections provided per Product. Two for Test and one for Production. • Three connections for **Settlement Services** • Three connections for **CNS** • Three connections for **ETF**
User IDs	Three User IDs are provided per client. User ID is specific to the environment but are Service agnostic • One to be used for **modern test environment (A)** • One to be used for **BAU test environment (U)** • One to be used for **production environment**	Three User IDs are provided per Product. User ID is specific to the environment and Product • Three to be used for **modern test environment (A)** • Three to be used for **BAU test environment (U)** • Three to be used for **production environment**

MODERNIZED CLIENT CONNECTIVITY FRAMEWORK – ILLUSTRATION

Scenario A: SFTP only User for CNS

Two SFTP connection end points and three SFTP User IDs

- One SFTP connection for Clearing Test (A and U)
- One SFTP connection for Clearing Prod
- One SFTP User ID for Prod
- One SFTP User ID for Test A
- One SFTP User ID for Test U



Scenario B: SFTP only User of CNS, ETF and STM

Four SFTP connection end points and three SFTP User IDs

- One SFTP connection for Settlement Test (A and U)
- One SFTP connection for Settlement Prod
- One SFTP connection for Clearing Test (A and U)
- One SFTP connection for Clearing Prod
- One SFTP User ID for Prod
- One SFTP User ID for Test A
- One SFTP User ID for Test U

Scenario C: MQ User of CNS, ETF and STM

Seven MQ connection end points and seven MQ User IDs

- One connection for CNS Test A
- One connection for CNS Prod
- One connection for ETF Test A
- One connection for ETF Prod
- One connection for STM Test A
- One connection for STM Test U
- One connection for STM Prod
- One MQ User ID each for each of the above environments

Scenario D: MQ and SFTP User of CNS, ETF and STM

Nine MQ connection end points and nine MQ User IDs

- **Three** MQ connection for CNS, one per environment
- **Three** MQ connection for ETF, one per environment
- **Three** MQ connection for STM, one per environment
- One MQ User ID each for each environment

Four SFTP connection end points and three SFTP User IDs

- One connection for Settlement Test (A and U)
- One connection for Settlement Prod
- One connection for Clearing Test (A and U)
- One connection for Clearing Prod
- One SFTP User ID for Prod
- One SFTP User ID for Test A
- One SFTP User ID for Test U

SETUP PROCESS

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SEND CONNECTIVITY FORMS TO CLIENTS TO PROVIDE INFORMATION NEEDED TO SETUP SFTP AND/OR MQ

- Two semi-prepopulated forms will be provided. One for MQ and one for SFTP.
- Forms contain the SFTP and MQ User IDs

CLIENT

RETURN COMPLETED FORMS TO DTCC AND CREATE CONNECTIONS USING INFORMATION ON THE FORM AND USER GUIDES

- Provide information for all environments
- Review Connectivity User Guides
- Commence creation of connections per the requirements

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DTCC TO CREATE CONNECTIONS AND INITIATE CONNECTIVITY TESTING

- Readiness to do a connectivity test

CLIENT

UPON SIGN-OFF, PREPARE FOR FUNCTIONAL TESTING

- Start working with your integration consultant to complete the data delivery form

Note: ***Successful test is required to sign off the setup process to get you ready for functional testing.***

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THANK YOU!