



CHES Replacement Project

**Implementation & Transition
Webinar**

28 July 2021

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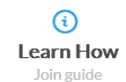
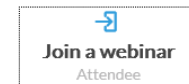


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- ✔ Internet connection - Strong
- ✔ Flash - Enabled

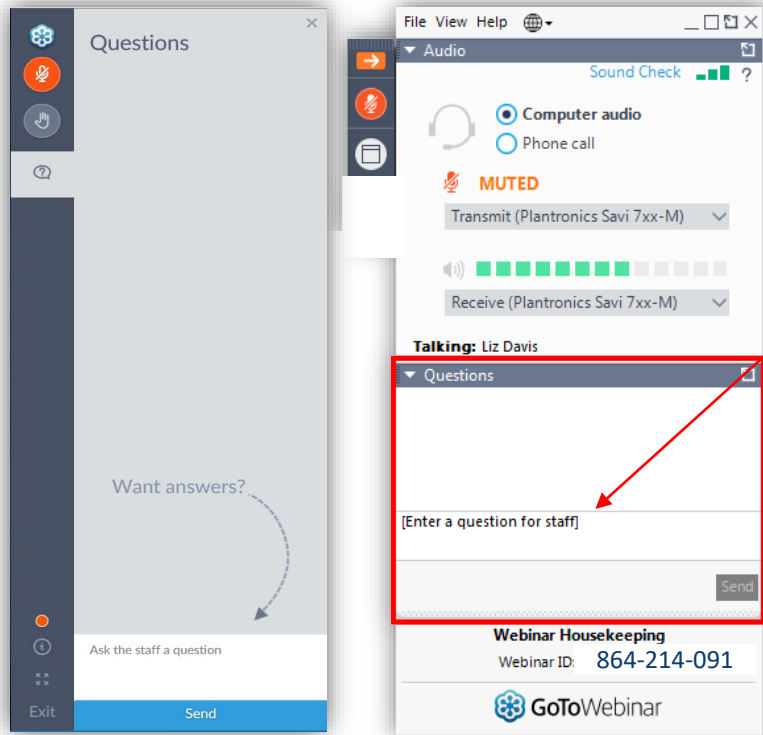
Test your system again

View System Requirements

Next steps



Housekeeping: how to submit questions



Your Participation

- To submit your text questions and comments use the Questions panel
- Note that your questions will not be seen by other attendees

For more information - refer to the webinar tips published on the ASX [CHES Replacement web page](#)

Housekeeping: inadvertent unsubscribe

webinar. This webinar will include an update on access pricing for service providers, connectivity guide for ITE1, migration considerations for mFund and replacement of the current Signal B service. It is also an opportunity for us to answer your questions.

You can submit questions in advance of this webinar by emailing CHESSReplacement@asx.com.au. There will also be an opportunity to submit questions during and after the webinar.

The session will also be recorded and made available for those who cannot attend, or anyone wishing to re-play.

Date: Wednesday, 28 July 2021

Time: 2.00pm to 3.00pm AEST

[Register now >](#)

Please note that subsequent meetings for the Implementation and Transition working group will continue to be by invitation.

Contact us:
CHESSReplacement@asx.com.au

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Agenda

-
- Connectivity guide for ITE1
-
- Migration considerations for mFund
-
- Feedback on Industry Test Strategy
-
- Update on access pricing for service providers
-
- Replacement of the current Signal B service
-
- Q&A
-
- Next steps
-

Presenters and introductions

-
- **Katie McDermott** - General Manager, Equity Post Trade Services
-
- **Elliot McKeachie** - Technical Account Manager, Technical Customer Operations
-
- **Fraser Moodie** - Senior Manager, Integration and Connectivity, Equity Post Trade
-
- **Andrew Jones** - General Manager, Issuer Services
-
- **Jamie Crank** – General Manager, Information & Connectivity, Trading Services
-

Connectivity guide for ITE1

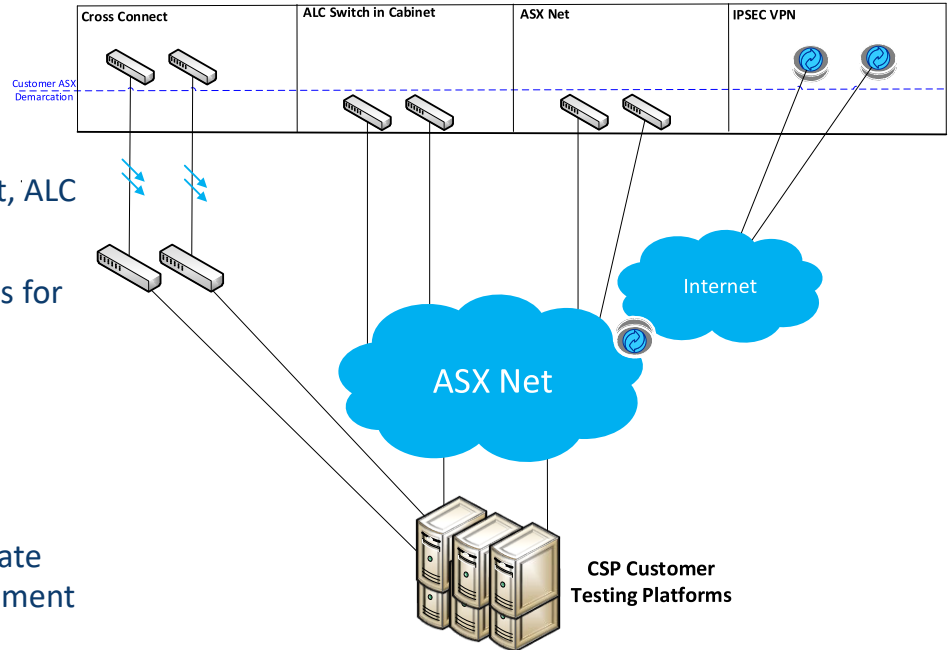
ITE1 Connectivity Guide

Connectivity Guide – published end July:

> Key Information:

- Connectivity is similar to CDE, with enhanced information
- Same connectivity options – IPSEC (VPN), ASX Net, ALC Switch in Cabinet + new Cross Connect
- Service descriptions and network topology applies for non-production and production services
- Existing access channels – Ledger API, AMQP, FIX (AMO) and CHES UI made available*
- Security details – yet to be published
 - New self-service portal for security certificate issuing – Customer Service Access Management (CSAM)


*SWIFTNet connectivity covered in technical documentation



ITE1 Connectivity – new application form

Updated ITE1 application form (end July):

- > Organisations with previously submitted ITE1 forms will need to re-submit;
- > Key changes include:
 - Clearer role groupings for more comprehensive customer testing abilities
 - AMQP customers can request additional queues to aid testing
 - Details required for two new Enterprise Admin roles – 1. CHESSE UI, 2. Security management
- > ITE1 customer connectivity will commence from mid-October
- > Order forms can be found in the [technical documentation portal](#)
- > Completed order forms can be sent to CHESSEReplacement@asx.com.au


ASX

ASX Clearing and Settlement Platform (CSP)

Industry Test Environment (ITE1) Application Form

July 2021 | Version 1.4

Under this Application Form a Subscriber may request access to the ITE1 Technical Environment. All fields require completion before returning. Please complete and return this form to CHESSEReplacement@asx.com.au. Please include in the subject line 'ITE1 Application Form'.


	Subscriber	ASXO
Name	<input type="text"/>	ASX Operations Pty Ltd
ABN/ACN #	<input type="text"/>	42 004 523 782
Address	<input type="text"/>	20 Bridge Street NSW 2000

Please identify the type of subscriber/role you intend to use for ITE1

- For software providers, please indicate the CHESSE User types you intended to develop against in ITE1

- This will assist testing tool and test data allocation

- Participant - which includes the roles of;
 - Trading, Clearing & Settlement Participant
 - Trading Participant
 - Non Trading Settlement Participant
 - Third Party Clearing & Settlement Participant
 - Trading & Account Participant
- Issuer (Registry) - which includes;
 - Share Registry
 - Bid Offerer
 - Product Issuer Settlement Participant (PISP)
- Payment Provider
- Approved Market Operator


ASX

Migration considerations for mFund

Migration considerations for mFund

Black out period

- > ASX propose a blackout period for new mFunds orders prior to cut-over;
 - The purpose of the blackout period is for all orders to be completed in CHESS before close of business on the Friday before the effective date, this is required to reduce the complexity over migration weekend
 - Impacts mFund brokers (settlement participants), PISPs (unit registries)
 - Proposed solution is to implement a blackout period for new applications, redemptions, switches three business days prior to CHESS Replacement migration weekend
 - ASX will implement a process similar to that currently used for mFund change of unit registry
 - Brokers will need to give consideration to the management of any new client order received during this period
 - Details of the blackout period and participant responsibilities will be documented in the tranche 3 transition rules
 - PISP workflow including completion of existing orders can continue through this period but must be completed prior to COB on Friday
 - No inflight transactions relating to any mFund workflow will be migrated, exceptions will be notified over cut-over weekend

Migration considerations for mFund

mFund migration

CHESS User Type	CHESS					Migration weekend		CHESS Replacement
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
mFund Brokers	New Orders submitted	11.00am	No new orders after 11am Tuesday					
PISPs	New Orders processed	11.00am	New orders received after 11am Tuesday must be rejected by PISPs					
PISPs					Last day orders to be allotted / completed			
ASX					Housekeeping of open orders (initial applications)	Exception list provided to Brokers and PISPs of open orders		
mFund Brokers								New Orders submitted
PISPs								New Orders processed

Feedback on Industry Test Strategy

Industry test strategy

Points of clarification and key themes

- > Timeline for industry wide testing over the Dec '22 / Feb '23 period
 - IWT is currently planned to consist of two fortnightly cycles of co-ordinated market events between the start of December '22 and the end of February '23
 - ASX will target scheduling IWT cycles to fall outside key holiday periods and market dress rehearsal (MDR) weekends
- > Timing and scope for participation in inflight migration testing
 - ITE-M is initially open to software providers from February 2022. CHES users will need to have functionally tested their core functions in ITE2, prior to testing the relevant workflows for data migration in ITE-M.
 - Feedback has been received from the share registries in relation to ITE-M which we are working through.
 - Further details will also be published in November 2021.
- > Participation in all three market dress rehearsal (MDRs)
 - It is mandatory for CHES users to participate in all three MDRs
- > Published Q&A can be found here
 - <https://asxchesreplacement.atlassian.net/wiki/spaces/CSP/pages/112198461/FAQs+-+Implementation+and+Transition>

Update on access pricing for service providers

Update on access pricing for service providers

Summary

- > Pricing for access to CHES for ASX Clear and ASX Settlement participants was announced on 3 September 2019 (see [letter](#) and also referenced in our [Participant Fact Sheet](#)).
- > Service providers will have the same access channels as participants, with pricing summarised as follows:
 - Messaging (ISO 20022)
 - AMQP - \$495 per session per month
 - SWIFTNet – fee agreements between SWIFT and their clients
 - Distributed ledger - Ledger API connection - \$495 per month
 - CHES User Interface – \$495 per month

Update on access pricing for service providers

Participants and service providers

Connection	Description	Per	Period	Charge	Comment
Messaging					
AMQP Session	An AMQP session consists of access to a transaction queue set (send/receive) that is configured on a UIC (Party) basis.	Per Session	Monthly	\$495	The number of AMQP sessions will be determined by the customer based on their technical requirements
SWIFTNet	Standard billing methodology				
Distributed Ledger Technology					
Ledger API	API connection to CHES application	Per connection	Monthly	\$495	First Ledger API connection waived for 3 years for participants
Party	A new Party ID is required for each connection to an application running on the ASX DLT. For example, CHES is one application.	Per Party ID	Monthly	\$50-\$250	One Party ID waived for each CHES party (e.g. issuer, participant)
Browser					
CHES UI	Browser based solution for low volume users (replacement to CHES PC)	Per connection	Monthly	\$495	

Replacement of the current Signal B service

Replacement of the current Signal B service

Background

- > What is Signal B?
 - Signal B is a broker-specific TCP/IP post-trade feed for ASX Trade, generated and disseminated by a legacy internal ASX downstream system. It is used primarily in customer middle and back office functions for trade reconciliation purposes.

- > What is changing?
 - > As part of the ongoing ASX Technology refresh we are replacing the Signal B legacy protocol

- > Why are we making the change?
 - > Introduce industry standard protocol, increase reliability, contemporise the service

- > When is the change taking place?
 - ASX is targeting a launch date of March 2022

Replacement of the current Signal B service

Background

- > What will the new contemporary service include?
 - ASX will be replacing Signal B with an industry-standard FIX interface. Clients will benefit from leveraging any existing FIX interface handlers to consume data delivered by the Signal B replacement. Clients will be able to consume the feed in FIX 5.0 Sp2 format.

- > How will clients connect to the service?
 - The new Signal B service will be delivered over existing ASX ALC and ASX Net connections. It will not be available over a VPN or web-interface.

- > Will I need to sign a new ASX agreement for the service?
 - No, existing Signal B agreements will cover the new service.

Replacement of the current Signal B service

Timeline for migration



Replacement of the current Signal B service

Next steps

Readiness Check List

- 1) Review the FIX 5.0 technical specifications and timeline
- 2) Reconfirm your method of connecting/receiving the service
- 3) Speak to your ASX Technical Account Manager (TAM) re test environment arrangements
- 4) Test and conform your application by liaising with your TAM by early 2022
- 5) Attest readiness with CTS
- 6) Final date of migration will be confirmed by ASX early in 2022

Q&A

Next steps

Next steps

Review and feedback:

- > Webinar recording, slides and Q&A will be published on the CHES Replacement webpage
- > Provide feedback by contacting CHESReplacement@asx.com.au – use “I&T webinar” as the subject heading
- > Feedback welcome by COB Wednesday, 11 August '21

Next I&T Working Group meeting:

- > Date: Wednesday 25 August '21

Thank you.



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