



# CHES Replacement Project

**Implementation & transition  
working group webinar**

7 April 2022

# Housekeeping: trouble shooting

- Check your system requirements
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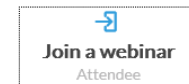


- ✔ OS - Windows 8.1
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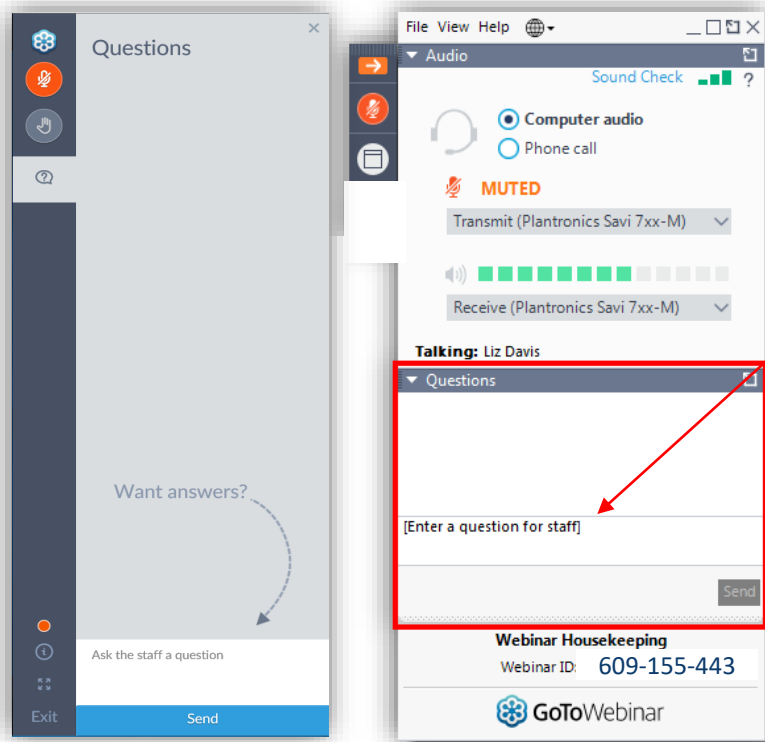
Test your system again

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](#)

# Agenda

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- Project update
- 
- ITE1 – v1.3 scope, accreditation, failover and performance testing
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- ITE2 – onboarding and operational readiness
- 
- Market dress rehearsals
- 
- Plan for further engagement
- 
- Q&A
- 
- Next steps
-

# Presenters and introductions

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- Keith Purdie
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- Tim Hogben
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- Frederik Van den Weghe
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- Katie McDermott
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# Project Update

# Summary of market update

## Project update issued on 28 March

- **ITE1** testing is well progressed, since opening end November 2021:
  - 25 software providers working through testing the full coverage of functionality
  - The ledger is performing well and application code fixes are in line with expectations
  - The next software release, v1.3, will be tested and deployed by ASX into ITE1 in July
  - Accreditation can commence following applicable testing of v1.3 by software providers
- **ITE2** environment will now open from 27 April 2022, rather than 18 April, to avoid the Easter and Anzac holiday period:
  - ITE2 open will commence with a dedicated onboarding period for the set-up of security certificates
  - CHES user testing will commence following connectivity and onboarding and after v1.3 software release has been tested and deployed by ASX into ITE2
- **Market Dress Rehearsals** will not commence in October as previously advised
- There is a strong likelihood of a delay to the go-live date (April 2023)
- ASX will work with all stakeholders to assess flow-on impacts of these schedule changes to project milestones inc. industry testing, operational readiness, market dress rehearsals and implementation (go-live)

# ITE1 – Software Provider Readiness



# Software release v1.3 and technical accreditation

## Key points and timeline

### Key points and milestones

- Software release v1.3 will be deployed into ITE1 late July '22
- Accreditation can commence after software providers have completed relevant development and testing to v1.3
- Accreditation period will be subject to stakeholder input
- ASX is planning a further software release, v1.4, but it will not include any accreditation related changes

# Software release 1.3

## Scope

### Functions re-instated:

- Class mergers
- Change of controlling participant

### Defect fixes affecting connectivity and/or message accreditation:

- All 'known issues' and 'defects', as published in Technical Documentation, will be resolved

### Performance

- Performance improvements to key application processes including trade registration, batch settlement, EOD processing etc.

### Technical requirements

- Technical support requirements for increased monitoring of application queues and processes to improve response time to customer queries
- Error code and descriptions for Ledger API users
- Expecting resets every ~3 months to allow environment data refreshes and patch releases

# Failover and performance testing in ITE1

## Key points and timeline

### Failover testing

<https://asxchessreplacement.atlassian.net/wiki/spaces/CSP/pages/1651706663/Failover+and+Recovery+Guide>

- Failover (simulated network outage) testing can commence after v1.3 has been deployed to ITE1
- Software providers will need to test their systems can reconnect and data integrity is retained prior to undertaking accreditation
- ASX will now publish the schedule for failover testing by June '22

### Performance testing

<https://asxchessreplacement.atlassian.net/wiki/spaces/CSP/pages/1651804971/Section+06+--+Performance+Testing>

- Performance testing can commence after v1.3 has been deployed to ITE1
- New performance tools will be provided for holding adjustments and trade registrations
- Software providers testing their interface under workload is not an accreditation scenario and therefore can be performed at any time in the ITE1 environment, subject to booking a test window and in accordance to performance test thresholds

# ITE2 – CHESS User Readiness

# ITE2 CHESSE User onboarding

## Timing and process for technical connectivity and set up

- Technical connectivity to ASX can commence as soon as [ITE2 applications](#) are approved – and is already underway for many
  - If you would like to discuss or verify your ASX Net site codes please reach out via [CHESSEReplacement@asx.com.au](mailto:CHESSEReplacement@asx.com.au)
  - Clients are only required to connect from a single site, a secondary or DR site is optional for ITE2
- ITE2 opening has moved from 18 April, to commence from **27 April** with a **dedicated onboarding period** that will be phased, taking onboard learnings from ITE1 onboarding and testing
- The onboarding period includes certificate management set-up, as well as configuration for those wishing to use the CHESSE Browser User Interface
- CHESSE users will confirm access and set-up by sending a test message, completing the onboarding process
  - Any further testing during the dedicated onboarding period is not permissible
- CHESSE users will need to work with their software providers to agree the right timing for software to be deployed to ITE2
  - Some may prefer to defer onboarding until nearer the start of CHESSE user testing
- ASX expects to provide further guidance in May '22 on the window for CHESSE user testing and when onboarding must start, subject to stakeholder input

# ITE2 Operational Readiness Assessment

- Documentation on operational readiness and associated scenarios has already been published in the [Operational Readiness Guide](#)
- The majority of [Operational Readiness scenarios](#) have now been published, as at end March '22
- A fourth tranche of operational readiness scenarios will be published in April '22 for the remaining scenarios, including batch settlement and AMO exceptions (failure, recovery and session messages)
- A revised milestone for operational readiness assessment will be subject to stakeholder input

# Market Dress Rehearsals (MDR)

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## Updates relating to MDRs

- As part of the strategy for go-live preparation, the project will co-ordinate three MDR's with one scheduled contingency weekend
- As a result of the changes to near-term milestones, the first MDR will not be able to commence in October '22 as previously advised
- A revised timeline for MDRs commencing will be subject to stakeholder input
- ASX can now confirm the decision to use current dated (rather than prior dated) snapshot of data for MDRs
- Further details on MDRs, originally targeted for publication end of July '22, will also be reviewed
- We continue to ask for feedback on customer migration reports and run-book plans from CHESS users, however the previous deadline for feedback in June will now be deferred



# Further Market Engagement

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## Activities coming up

- ASX will actively work with all stakeholders to assess the flow-on impacts of any schedule changes to project milestones, including any revisions to the go-live date
- Implementation and Transition working groups will continue to provide updates on the approach and any flow-on impacts to project milestones
  - Next meeting will be scheduled in May '22 to provide further detail including when CHES user testing may commence, subject to stakeholder input
- The new CHES user working groups and the established software provider working groups will act as the primary engagement channel to elicit stakeholder feedback to ensure appropriate transparency and fairness
- Existing bilateral engagements with stakeholders will continue
- The outcome of stakeholder input and feedback will be disclosed to the market to support milestone changes including any revisions to go-live

Q&A

# Next steps

## Key points from today's webinar:

- v1.3 will be deployed in ITE1 end July '22
- Accreditation can commence after software providers have completed relevant development and testing to v1.3
- Dedicated onboarding period for CHES users; commencement of CHES user testing to be confirmed
- Further stakeholder engagement activities for May '22 to elicit feedback

## 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](mailto:CHESReplacement@asx.com.au) – use “I&T webinar” as the subject heading
- Feedback welcome by COB Thursday, 21 April '22

## Next I&T Working Group meeting:

- May 2022

Thank you.



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