



LSEG

Agenda

TRADEcho Cloud Migration

- Introduction to TRADEcho Cloud
- TRADEcho Cloud Migration - Project Phases and Key Dates
- TRADEcho Cloud - FIX APA & SRR
- TRADEcho Cloud - Connectivity
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- TRADEcho Cloud - Group Ticker Plant
- TRADEcho Cloud - Migration check list before go-live
- Customer Dress Rehearsals (CDRs)
- TRADEcho Cloud - Specification

Q&A

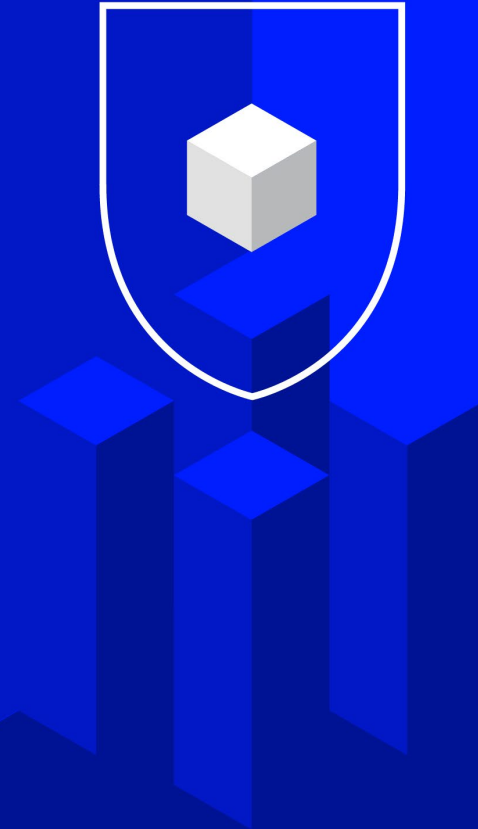


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TRADECHO – CLOUD MIGRATION

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Technical Account Manager



Introduction to TRADEcho Cloud Migration

- Existing on-premises TRADEcho (TRADEcho on-prem) will be migrating to a cloud-based solution (TRADEcho Cloud).
- TRADEcho Cloud will provide the following benefits to customers
 - Scalability – e.g. Ability to support higher volumes of trade reports and SI quotes
 - Enhanced Trade Reporting

TRADEcho Cloud Migration - Project Phases and Key Dates

Phase	Service	CDS/Production Connectivity (Telnet Only)	CDS Functionality Testing	Customer Dress Rehearsal	Production Go-Live
Phase 1 Post Trade	APA/SRR GUI				
	APA/SRR FIX Gateway	Now Available	Now Available	05 October 2024	4 November 2024
	APA/SRR CSV Trade uploads *			19 October 2024	
	APA/SRR EOD Reports				
Phase 2 Pre Trade	SI Quoting **	Q2 2025	Q2 2025		Q2 2025

**SI Quoting is currently in development

TRADEcho Cloud Gateways – FIX APA & SRR

- TRADEcho Cloud will run the current Production functionality:
 - No new FIX Tags or Enums introduced
 - New CDS FIX TRADEcho Cloud environment available for customers testing
- TRADEcho Cloud will use the existing CDS & Production FIX Gateway IP addresses but will introduce new Ports.
- TRADEcho on-prem APA/SRR FIX CompID & passwords will be migrated to TRADEcho Cloud

TRADEcho Cloud Connectivity

- The CDS TRADEcho APA/SRR FIX gateways and the new CDS TRADEcho GTP channels are now available for connectivity and functional testing
- Customer network change
- CDS TRADEcho Cloud will be free of charge until go-live
- Perform connectivity testing before the Customer Dress Rehearsal

CDS Connectivity and Functional testing

Monday to Friday - 3:15 to 20:15 UK time

Production TCP Responder schedule

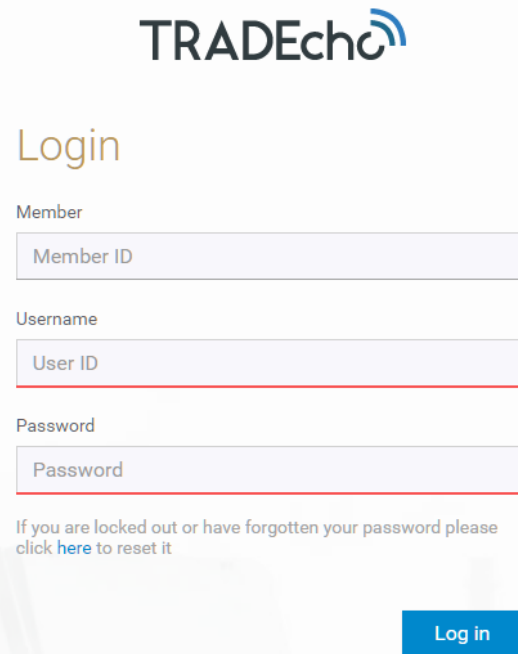
Monday to Thursday - 20:15 to 23:00 UK time

Saturday 22:00 to Sunday 22:00 UK time

TRADEcho Cloud GUI

- New URLs
- Functionality expected to broadly remain the same as the existing TRADEcho GUI platform.
- No Change to Member IDs and User IDs.
- Customer Source IP addresses to be migrated over to the new cloud environment
- New TRADEcho Cloud GUI Logon Page requires a valid email address, instead of Member ID and Username.
- New logon method via Multi-Factor Authentication (MFA).

Existing GUI Logon Page

The existing GUI logon page for TRADEcho. It features the TRADEcho logo at the top, followed by the word "Login" in orange. Below this are three input fields: "Member" (containing "Member ID"), "Username" (containing "User ID"), and "Password" (containing "Password"). A link "If you are locked out or have forgotten your password please click [here](#) to reset it" is located below the password field. A blue "Log in" button is at the bottom right.

TRADEcho

Login

Member

Member ID

Username

User ID

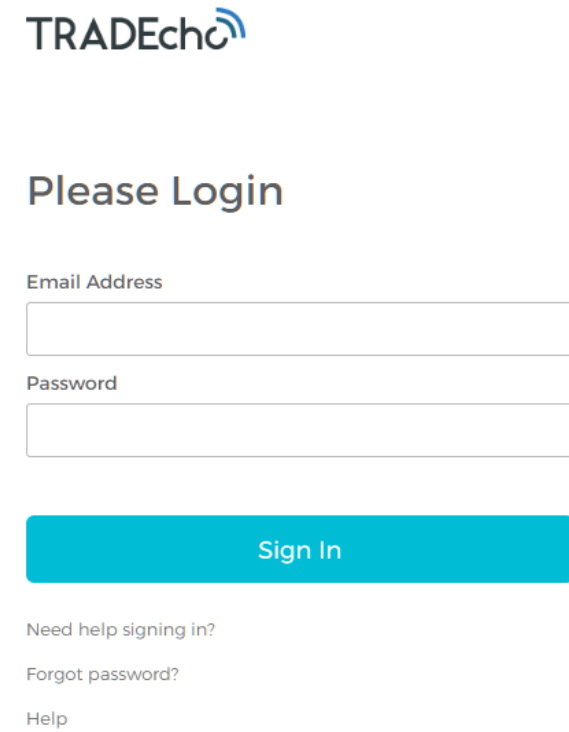
Password

Password

If you are locked out or have forgotten your password please click [here](#) to reset it

Log in

New GUI Logon Page

The new GUI logon page for TRADEcho. It features the TRADEcho logo at the top, followed by the text "Please Login". Below this are two input fields: "Email Address" and "Password". A blue "Sign In" button is located below the password field. At the bottom, there are three links: "Need help signing in?", "Forgot password?", and "Help".

TRADEcho

Please Login

Email Address

Password

Sign In

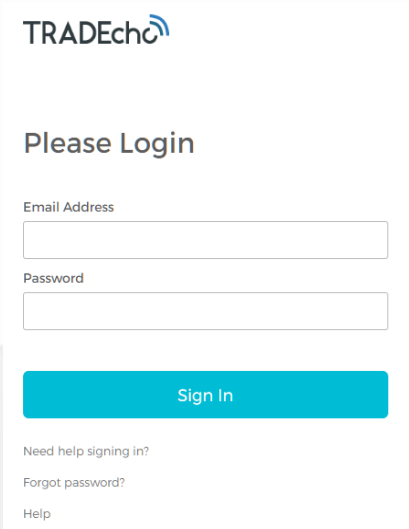
Need help signing in?

Forgot password?

Help

TRADEcho Cloud GUI - Multi-Factor Authentication (MFA)

Client will access the new TRADEcho Cloud GUI logon page and will login with an Email and a Password



TRADEcho

Please Login

Email Address

Password

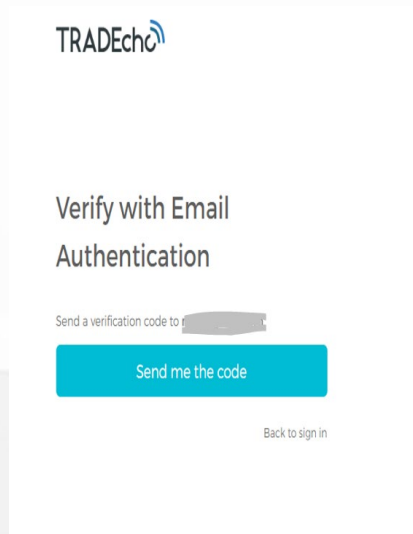
Sign In

Need help signing in?

Forgot password?

Help

A client is then prompted to click on 'Send me the code' whereby a one-time verification code is sent to the registered email address.



TRADEcho

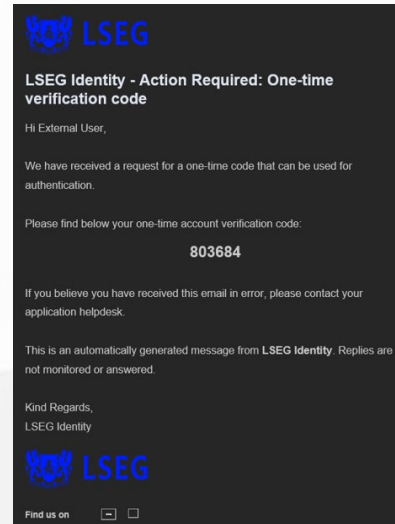
Verify with Email Authentication

Send a verification code to [redacted]

Send me the code

Back to sign in

The 'one-time verification code' is then sent to the client's registered email address from **noreply@identity.lseg.com**



LSEG Identity - Action Required: One-time verification code

Hi External User,

We have received a request for a one-time code that can be used for authentication.

Please find below your one-time account verification code:

803684

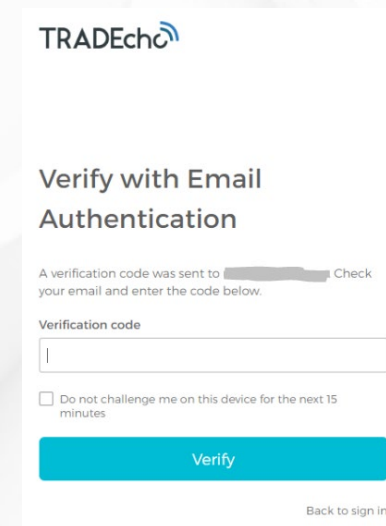
If you believe you have received this email in error, please contact your application helpdesk.

This is an automatically generated message from LSEG Identity. Replies are not monitored or answered.

Kind Regards,
LSEG Identity

Find us on

A client will be required to enter the 6-digit one-time verification code.



TRADEcho

Verify with Email Authentication

A verification code was sent to [redacted]. Check your email and enter the code below.

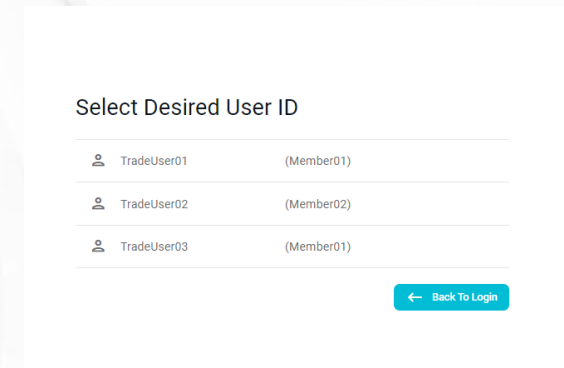
Verification code

☐ Do not challenge me on this device for the next 15 minutes

Verify

Back to sign in

Once successfully entered, a client will be asked to select the desired user ID associated to the relevant Member ID.



Select Desired User ID

TradeUser01	(Member01)
TradeUser02	(Member02)
TradeUser03	(Member01)

Back To Login

TRADEcho Cloud - GUI Overview

The screenshot displays the TRADEcho Cloud web application interface. The browser address bar shows the URL <https://tradechocds.lseg.com/trades/trade-overview>. The application header includes the TRADEcho logo, version 1.1.13.2.i1, and user information: ABAAB AHMED (AAHMED) TERP Internal Member, logged in as TEST TEST (NEIL01) TEST ACCOUNT. A notification banner states: "You are in Act on Behalf mode. All actions taken will be logged and visible to TEST TEST. Go to menu or click [here](#) to exit."

The main content area is titled "APA Trade Reports / Overview" and shows the "Number of Trade Reports" for Today (0) and Yesterday (0). Below this, there are two sections:

Rejected Trade Reports (5 most recent rejections within past week)

Instrument	Received	Reject Reason	Price	Quantity	Assisted Report
No Matches Found					

Deferred Trade Reports (Top 5 in queue for publication within past week)

Instrument	Trade ID	Price	Quantity	Trading Date	Deferral	Intended Publication	Assisted Report
No Matches Found							

The left sidebar contains a navigation menu with the following categories and items:

- APA Trade Reports
 - Overview
 - Enter APA Trade Report
 - Search APA Trade Reports
 - Assisted Reports
 - Upload APA Trade Reports
- SRR Trade Reports
 - SRR Trade Overview
 - Search SRR Trade Reports
 - SRR Rules
 - APA Preference
 - Upload SRR Trade Reports
- Statistics & Reports
 - Reports
 - Message Inbox
 - Act on Behalf Log
- Reference Data
 - Member
 - Instruments
 - Delay Models
 - Sub Asset Classes
 - Schedules
 - Countries
 - Currencies

- A Live demo is available for customer, please contact - Joao.Serodio@lseg.com

TRADEcho Cloud - GUI CSV and SFTP (MFT) CSV

TRADEcho Cloud GUI CSV

- New format for GUI upload
- Available in CDS today
- New format will be available in Production
- Refer to the new CSV file

TRADEcho Cloud SFTP (MFT) CSV

- No change to the CSV format
- Testing available from Monday 23 September 2024

TRADEcho Cloud - Group Ticker Plant

CDS TRADEcho Cloud GTP

- Temporary new CDS GTP Channels for parallel run
- For Multicast and Replay/Recovery services, IP addresses will remain the same while new ports are introduced
- Same User ID and Password as the existing CDS TRADEcho GTP Replay & Recovery

Production TRADEcho GTP

- No changes to the existing production GTP TRADEcho channels, IPs and Ports will remain the same

TRADEcho Cloud Migration - Check List before go-live

- Connectivity testing to the FIX TRADEcho APA/SRR Cloud CDS and Production environments
- Perform functional testing for CDS TRADEcho Cloud FIX APA/SRR and GUI
- Perform functional testing for CDS TRADEcho Cloud CSV SFTP upload and CSV GUI upload
- Production GUI users must have a valid email to be migrated to the TRADEcho Cloud GUI
- Attending the first mandatory Customer Dress Rehearsal (CDR) and sign off

TRADEcho Cloud - Customer Dress Rehearsals (CDRs)

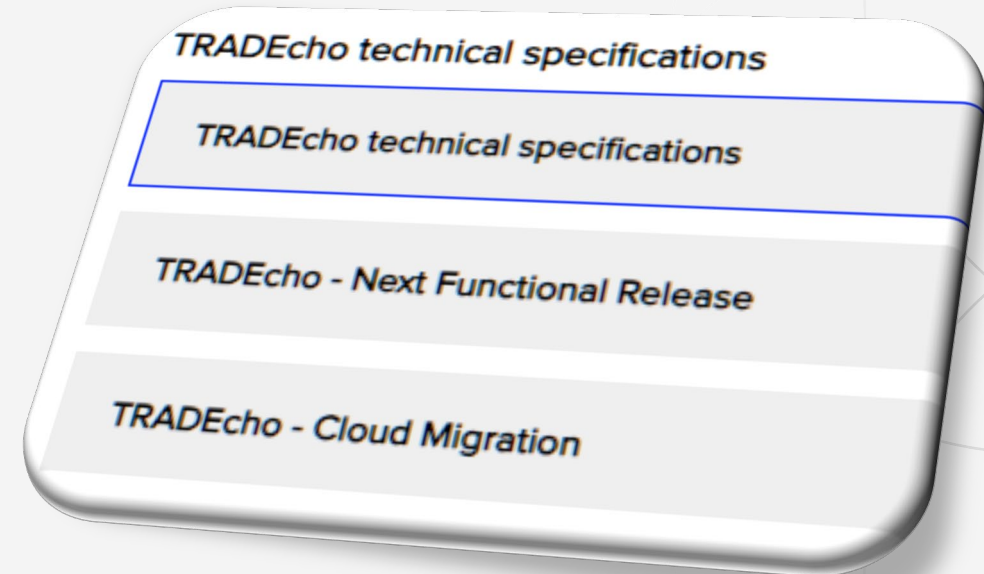
- Two Customer Dress Rehearsals (CDRs)
 - First CDR – Saturday 05 October 2024
 - Second CDR – Saturday 19 October 2024
- CDR will consist of the following production testing for FIX APA/SRR users:
 - Perform connectivity
 - Perform a logon test
 - Perform functional testing
- Accessing the new production TRADEcho Cloud GUI
- GTP customers will continue to use the existing production TRADEcho Channels

TRADEcho Cloud Migration – Specification

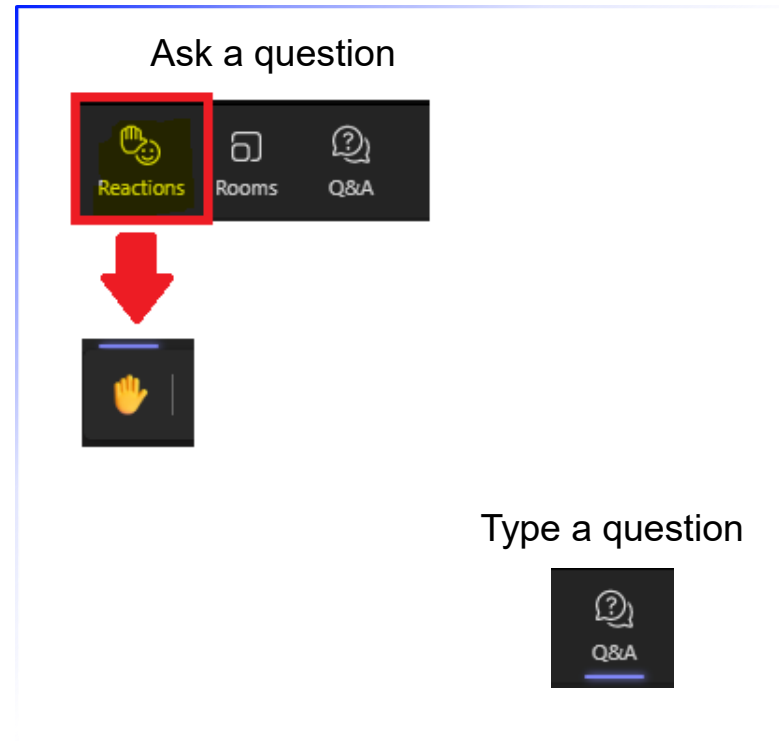
The new TRADEcho technical specifications for TRADEcho Cloud are available via the link below:

Technical Library Trade - Resources | London Stock Exchange – TRADEcho Technical Specifications - [TRADEcho Cloud Migration](#)

- TRADEcho Cloud Migration – [Customer Quick Guide to CDS & Production Readiness](#)
- TRADEcho Cloud - [Connectivity Guide](#)
- TRADEcho Cloud - [Web Portal User Guide](#)



Q & A



Thank you



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