

TRADEcho Cloud Migration

CUSTOMER QUICK GUIDE TO CDS & PRODUCTION READINESS

Issue 1.1

01 November 2024



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1 Introduction

TRADEcho have started a project to migrate the current TRADEcho on-premises (TRADEcho on-prem) service to a cloud-based solution (TRADEcho Cloud). TRADEcho has decided to transition to a cloud-based solution to offer a more efficient and highly resilient trade reporting.

1.1 PURPOSE

The purpose of this document is to provide customers with an overview of the TRADEcho Cloud migration plans and what is required from customers from a testing perspective prior to the cutover date from TRADEcho on-prem to the TRADEcho Cloud, currently scheduled for **Monday 03 February 2025**.

The following sections will provide key TRADEcho migration dates, testing requirements for Production and Customer Development Service (CDS), information regarding the Customer Dress Rehearsals (CDR) and the Production cutover date.

1.2 DOCUMENT HISTORY

Issue	Date	Description
1.0	08 July 2024	Initial
1.1	01 November 2024	<p>Section 2 - Removed CSV/SFTP backward compatible statement.</p> <p>Section 2 – Added CDS cutover date – TBC</p> <p>Section 3 – Modified section to represent current telnet</p> <p>Section 6 – New section added for TRADEcho GUI CSV upload</p> <p>Section 7 – New section added for TRADEcho CSV SFTP (MFT) upload</p> <p>Section 8 – Removing the word 'Temporary' and adding a decom date for GTP on-prem channels</p> <p>Section 9 – Updated CDR details</p>

* Within this document, where amendments have been made to the previous version, these changes will be identified by highlighting the text in Red.

2 TRADEcho Migration Key Dates

The following are the key dates for TRADEcho cloud migration:

Date	Environment/Service	Event
Monday 08 July 2024	CDS & Production – TRADEcho APA/SRR– Connectivity available via TCP Responder	TRADEcho CDS/Production telnet testing to TRADEcho Cloud environment.
Monday 15 July 2024	CDS - TRADEcho APA/SRR/GUI/CSV – Functionality	TRADEcho Customer Development Service (CDS). Functionality will be available for customers to test the FIX APA & SRR gateways including TRADEcho Cloud GUI & CSV Upload
TBC	CDS – TRADEcho APA/SRR/GUI/CSV & GTP on-prem	TRADEcho Customer Development Service (CDS) cutover date. TRADEcho CDS on-prem decommissioned included SI GTP Channels.
Saturday 11 January 2025	CDR 1 - Production - TRADEcho Cloud APA/SRR/CSV/GUI	First Customer Dress Rehearsal (CDR)
Saturday 18 January 2025	CDR 2 - Production - TRADEcho Cloud APA/SRR/CSV/GUI	Second Customer Dress Rehearsal (CDR)
Monday 03 February 2025	Production – TRADEcho Cloud APA/SRR/CSV/GUI	TRADEcho Production environment cutover. Cutover to TRADEcho Cloud – TRADEcho on-prem APA/SRR decommissioned.
Q2 2025	CDS - TRADEcho SI – Connectivity	TRADEcho Customer Development Service (CDS) connectivity testing/logon will be available for customers to test connectivity and logon only for FIX, GUI.
Q2 2025	CDS - TRADEcho SI – Functionality	TRADEcho Customer Development Service (CDS) functionality will be available for customers to test functionality FIX, GUI

Note: Customers who use both SI Quoting and APA/SRR will need to target TRADEcho on-prem platform IPs for SI Quotes but will also need to target TRADEcho Cloud ports for APA/SRR, until the migration of the SI Quoting service to the cloud in Q2 2025.

3 TRADEcho Migration to the Cloud

The migration of TRADEcho to the Cloud will impact both the TRADEcho GUI Portal and the FIX API gateways in different ways. Customers connecting to the TRADEcho Cloud FIX gateways should read section '3.1.' and customers connecting to the TRADEcho Cloud GUI Portal should read section '5.0.'

3.1 CDS TRADECHO CLOUD - CONNECTIVITY AND FUNCTIONALITY TESTING

CDS TRADEcho Cloud APA/SRR FIX gateways and the CDS TRADEcho Cloud GTP channels are available for connectivity and functional testing.

CDS TRADEcho Cloud Connectivity and Functional testing will be available as per the schedule below:

CDS Availability	Gateway Services
Monday to Friday - 03:15 to 20:15 UK time	CDS – FIX APA/SRR & GTP – Telnet & Functional

3.2 TRADECHO CLOUD PRODUCTION – FIX GATEWAY TELNET AVAILABILITY

A TCP Responder is available outside market hours to allow customers to test connectivity against the new TRADEcho Cloud production gateways, both Primary & Secondary. The tool will also be available at weekends.

Production TRADEcho Cloud TCP Responder schedule

Production Availability	Gateway Services
Monday to Thursday - 20:15 to 23:00 UK time	Production – APA & SRR - Telnet
Saturday 22:00 to Sunday 22:00 UK time	Production - APA & SRR - Telnet

All customers are required to test connectivity to the TRADEcho Cloud gateways ready for the CDR mentioned in section '2.0'.

3.3 TRADECHO CLOUD FIX ENVIRONMENT

To access the FIX TRADEcho Cloud environment for CDS and Production, customers must target the **new** ports allocated to the CDS TRADEcho Cloud gateways, as detailed in the [Technical library Trade - Resources | London Stock Exchange](#) - TRADEcho technical specifications – section TRADEcho Cloud Migration - '[TRADEcho Cloud Connectivity Guide](#)' document.

ENVIRONMENT	GATEWAY	IP ADDRESS	PORT
CDS - TRADEcho Cloud	APA FIX Gateway - Primary	194.169.6.48	62000
CDS - TRADEcho Cloud	APA FIX Gateway – Secondary	194.169.6.176	62016
CDS - TRADEcho Cloud	SRR FIX Gateway - Primary	194.169.6.48	62032
CDS - TRADEcho Cloud	SRR FIX Gateway - Secondary	194.169.6.176	62048
PRODUCTION - TRADEcho Cloud	APA FIX Gateway – Primary	194.169.6.16	62000
PRODUCTION – TRADEcho Cloud	APA FIX Gateway – Secondary	194.169.7.16	62001
PRODUCTION – TRADEcho Cloud	SRR FIX Gateway - Primary	194.169.6.17	62002
PRODUCTION – TRADEcho Cloud	SRR FIX Gateway - Secondary	194.169.7.17	62003

The technical configuration of customers will be replicated to the TRADEcho Cloud environment. Logons should be performed using the same Clomped and Password.

4 Testing

All customers are required to perform connectivity testing before Production go-live.

All Production connectivity testing (telnet) for the TRADEcho cloud environment must be completed prior to the first Customer Dress Rehearsal (CDR), **Saturday 11 January 2025**.

Pre-CDR testing:

- Customers must establish connectivity to each gateway and each environment they have access to. For example, if a member has TRADEcho FIX APA sessions in CDS, they must be able to telnet to the TRADEcho Cloud FIX APA gateways using the new allocated ports.
- **Functional testing should be completed by clients on CDS**
- Production connectivity testing must be complete before the first CDR.
- All customers must notify their Technical Account Manager or the Technical Account Management team (londonTAM@lseg.com) of successful testing once complete.

Note - CDS TRADEcho Cloud will be free of charge until the Production go-live date. CDS TRADEcho On-prem will continue to be charged until it is decommissioned.

For TRADEcho CDS access, customers who do not have a valid testing agreement for their SAP(s) will not automatically be enabled to access the CDS TRADEcho Cloud environment. To request a CDS Order Form, or for any queries related to the CDS Testing agreement, please contact the Customer Testing team (CustomerTesting@lseg.com).

5 TRADEcho Cloud GUI

5.1 ACCESSING THE TRADECHO CLOUD GUI:

Customers will need to ensure that they have a valid email address associated with their current TRADEcho production GUI user to ensure a successful migration to the Cloud. If so, customer will need to follow the process in section '5.3'.

5.2. TRADECHO CLOUD GUI – NEW URLS

CDS TRADEcho Cloud GUI - <https://tradechocds.lseg.com/login>

Production TRADEcho Cloud GUI – <https://tradechoprod.lseg.com/login>

5.3. TRADECHO CLOUD GUI – FIRST TIME LOGON

This section explains on how to access the TRADEcho Cloud GUI logon page. How to action a password reset for first time logon followed by how to setup two faction authentication.

Note – Customers will not be provided with a new GUI password, a password reset is required, to reset your password, following the process in section '5.3.1'.

5.3.1. TRADECHO CLOUD GUI - PASSWORD RESET

First selecting the 'Need help signing in'.

Then select 'Forgot Password'.

Enter the email address which exist on the TRADEcho GUI portal, you will receive a reset password link.

If the correct email has been entered, a client will receive a successful 'Email Sent' notification. A client will receive an email from noreply@identity.lseg.com

Please check on the 'RESET PASSWORD' link.

The link will take you to a password reset page. To create a new password, follow the below requirements.

5.3.2. TRADECHO CLOUD GUI – MULTI-FACTOR AUTHENTICATION SETUP

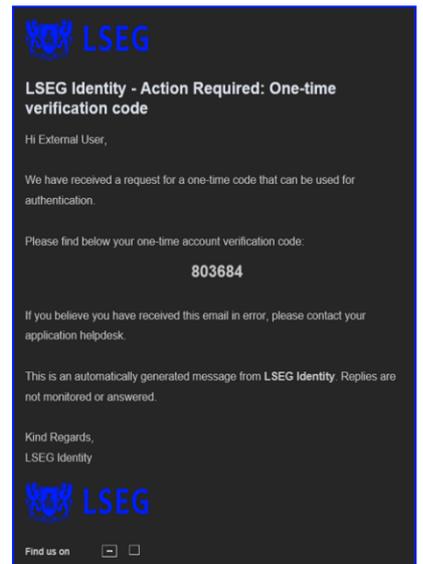
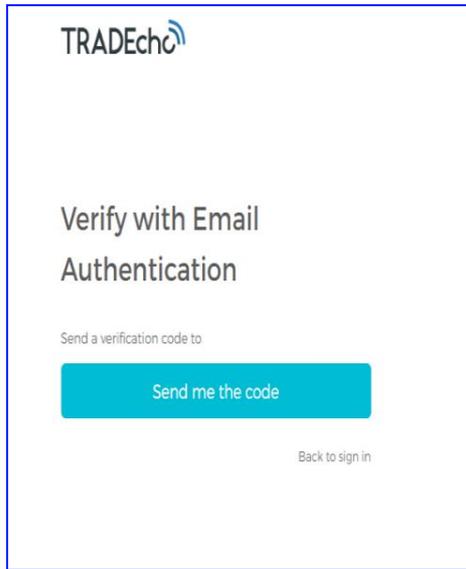
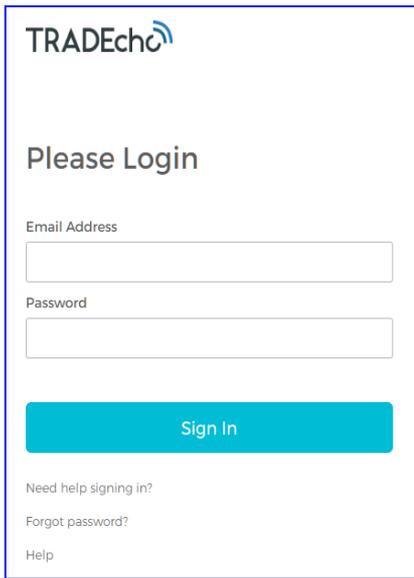
This section will provide details on how to setup multi-factor authentication (MFA).

Note – MFA setup can only be completed once section '5.3.1' is complete.

Client will access the TRADEcho Cloud GUI

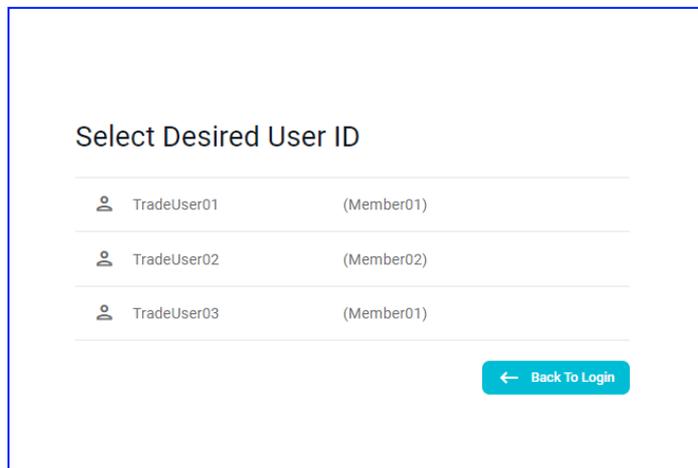
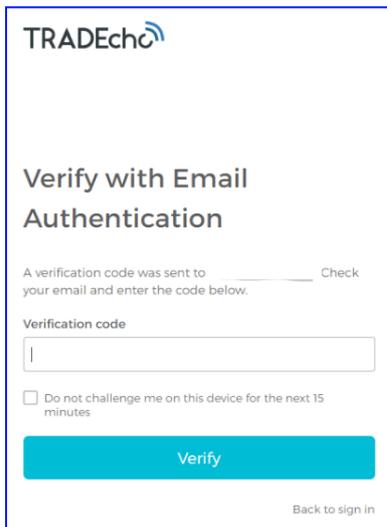
A client is then prompted to click on 'send me the code' from which a one-time verification code is sent to the registered email address.

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



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

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



6 TRADEcho GUI CSV Upload

Customers using the TRADEcho GUI to upload CSV files for trade reporting, will need to use an updated CSV file format.

In addition, four new fields have been introduced to the CSV file.

The new CSV format is available in the new 'TRADEcho Cloud (SRR or APA) CSV Trade Submission Specification via GUI', documents that can be downloaded from the TRADEcho Cloud Migration section of the [Technical Specifications website](#).

Details of the changes are highlighted in the 'Change Log' tab. All customers using the TRADEcho GUI to upload trades via CSV are advised to test within the Cloud CDS GUI, prior to production Go-live on Monday 03 February 2025.

*Testing will be available early December 2024

7 TRADEcho CSV (MFT) Upload

Customers using the TRADEcho SFTP (MFT) to upload CSV files for trade reporting, will need to use an updated CSV file format.

In addition, four new fields have been introduced to the CSV file.

The file format is available in the new 'TRADEcho Cloud (SRR or APA) CSV Trade Submission Specification via SFTP', files that can be downloaded from TRADEcho Cloud Migration section of the [Technical Specifications website](#).

Details of the changes that are made to the document are highlighted in the 'Change Log' tab, this is now available for customer testing on the CSV SFTP (MFT) upload method.

8 TRADEcho Group Ticker Plant (GTP)

TRADEcho have introduced new TRADEcho CDS Cloud GTP Multicast and Replay/Recovery channels in the cloud to allow a parallel run between the CDS TRADEcho on-prem and the CDS TRADEcho Cloud.

The existing on-prem TRADEcho CDS GTP channels will be decommissioned (date TBC), from this date, customers will need to target the new TRADEcho CDS Cloud GTP Channels.

The IP addresses will remain the same, however **new** ports have been introduced to accommodate TRADEcho Cloud GTP multicast channels and Replay & Recovery services, as detailed in the [Technical library Trade - Resources | London Stock Exchange](#) - TRADEcho technical specifications – section TRADEcho Cloud Migration - 'TRADEcho Cloud Connectivity Guide' document.

Environment	Market	Service Line	Market - Data Group - (MDG)	Description	Multicast				Unicast							
					Primary Multicast	Secondary Multicast	Primary Multicast Source IP	Secondary Multicast Source IP	Primary Port	Secondary Port	Replay		Recovery			
											Primary IP	Secondary IP	Port	Primary IP	Secondary IP	Port
CDS	TRADEcho Cloud	Level 2 Incremental (Full Depth)	1 - 5	TRADEcho Partition A SI quotes New Format	224.4.20.136	224.4.21.136	194.169.6.101	194.169.6.229	53000	53000	194.169.6.53	194.169.6.181	53136	194.169.6.54	194.169.6.182	53336
CDS	TRADEcho Cloud	MIFID II Post Trade	2 - 6	TRADEcho Partition A MIFID II	224.4.20.128	224.4.21.128	194.169.6.101	194.169.6.229	53000	53000	194.169.6.53	194.169.6.181	53128	194.169.6.54	194.169.6.182	53328
CDS	TRADEcho Cloud	Level 2 Incremental (Full Depth)	3 - 7	TRADEcho Partition B SI quotes New Format	224.4.20.137	224.4.21.137	194.169.6.101	194.169.6.229	53000	53000	194.169.6.53	194.169.6.181	53137	194.169.6.54	194.169.6.182	53337
CDS	TRADEcho Cloud	MIFID II Post Trade	4 - 8	TRADEcho Partition B MIFID II	224.4.20.129	224.4.21.129	194.169.6.101	194.169.6.229	53000	53000	194.169.6.53	194.169.6.181	53129	194.169.6.54	194.169.6.182	53329

Customers can continue to use their existing CDS TRADEcho on-prem Replay and Recovery session IDs for the new TRADEcho Cloud GTP Replay & Recovery services.

There will be no changes to the existing production GTP TRADEcho channels. The same production GTP TRADEcho on-prem multicast channels, and Replay & Recovery services, will be used to disseminate Market Data generated from TRADEcho Cloud.

Customer who requires new CDS TRADEcho Cloud GTP Replay and Recovery session IDs, can liaise with their Technical Account Manager or the Technical Account Management team via LondonTAM@lseg.com or +44 (0) 207 7797 3939.

9 Customer Dress Rehearsal (CDR)

TRADEcho plans to organise two Customer Dress Rehearsals (CDRs) prior to the TRADEcho Production go-live on **Monday 03 February 2025**, CDR dates are mentioned in section '2.0' of this document.

The CDR will allow customers to perform connectivity and functional testing for the Production TRADEcho Cloud environment, customers will be using their production Company and Passwords.

Trades submitted on this day will not be processed downstream by TRADEcho and any data received during the customer dress rehearsal should be discarded by customers.

10 Additional Information

10.1. LSEG TEAMS

Trading, Market Data Services and Customer Environments
londonTAM@lseg.com

CDS Testing Agreement
CustomerTesting@lseg.com

TRADEcho Product Management
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