CME Group

CME Request Center NR/Cert User Manual

June 18, 2025

Disclaimer

Table of Contents

Getting Started

CME Request Center NR/Cert is used to create and view requests for CME Globex entities and Clearing information for use during certification testing in the New Release and Certification environments.

Available request types include:

Futures & Options Requests

- Globex Firm
- Order Entry Sessions
- Drop Copy Sessions
- Cancel on Behalf
- Self Match Prevention

BrokerTec Requests

If you are new to using the CME Group test environments or AutoCert+ and CME Request Center NR/Cert, please start your certification process using the steps in Process Summary: BrokerTec New Release Testing Setup.

- Globex Firm and Signature
- Order Entry Sessions
- Drop Copy Sessions
- Market Data Sessions
- Self Match Prevention

EBS Requests

If you are new to using the CME Group test environments or AutoCert+ and CME Request Center NR/Cert, please start your certification process using the steps in EBS New Release Testing Setup.

- EBS Globex Firm and Signature
- EBS Order Entry Sessions
- EBS Drop Copy Sessions
- EBS Market Data Sessions
- Self Match Prevention

Administration

- Company Details
- Service Registration
- User Access
- Application Systems
- Front End Systems
- My Certifications

Injectors

- Self-Service Injector Requests

See Accessing CME Request Center NR/Cert for information on registering / activating a CME Group Login and logging in/out.

My Account

Use the **My Account** function to access additional services.

- **My Profile** - Manage user contact information and two-factor or federation authentication
    - Reset forgotten password
    - Generate an access code when contacting CME Group for support.
    - To complete application access, generate a token to provide to your firm administrator
- **Trading Interest** - Receive more educational information for the selected interests.
- **Subscription Center** -Sign up to receive email communication for topics of interest.
- **Bookmarks** - Save CME Group website content for reference.
- API Management: Create and manage IDs that are used to authenticate system-to-system communication to CME Group applications.
- PGP Key Management: Upload and manage PGP public keys which are used to view encrypted reports, sent by email.
- SFTP Management: Create and manage IDs and secure profiles to authenticate access to view reports over a secure connection.

For information on additional functions (e.g. User Profile or authentication, Duo, Federation), refer to the CME Group Login User Help.

What's New

The list below illustrates the updates made to the CME Request Center NR/Cert user manual.

Date	Topic(s)	Description
June 18, 2025	Self-Service Injector Requests	Add note to Live Clearing Trade Request for Futures & Options
September 20, 2024	• Accessing CME Request Center NR/CERT • Getting Started	Updated My Account (Profile) navigational menu
30 May 2024	Application Systems	new application system requests can be approved by the AutoCert+ administrator at your firm or CME Group Global Account Manager
9 December 2023	Administration	New function - Approval Center: View a list of approved entity requests for the last 30 days.
31 July 2023	Self Match Prevention	New function to create self-match prevention IDs to associated with Globex firms.
21 March 2023	various	The *Preferences* menu has been retitled to *Administration*
10 March 2023	Self-Service Injector Results	for Live Market Data / Live Clearing Trade Requests, BrokerTec instrument selections and sub-selections have been updated; including Long Name
26 Oct 2022	Futures & Options Requests - Cancel on Behalf	New function to enable Cancel on Behalf for a Globex Firm ID - Session ID in the New Release / CERT environment
6 Oct 2022	Format	Website and PDF format changes only
24 August 2022	EBS New Release Testing Setup	Removed links to EBS New Release Testing Setup - Process Summary on the client systems wiki.
17 February 2022	EBS Globex Firms and Signatures	"Creating an EBS Globex User Signature" - Updated the Globex User Signature character limit.
26 Jan 2022	EBS Globex Firms and Signatures	Updated screenshot with UI updated to EBS WS.
1 Sept 2021	Self-Service Injector Requests	"Creating Live Clearing Trade Requests" - Added EBS market. Updated screenshot. Removed Protocol field.
9 Aug 2021	EBS Globex Firms and Signatures	"Creating an EBS Globex User Signature" - Updated procedure and screenshots.
10 Jun 2021	Injectors	Renamed "Clearing" to "Injectors" and rewrote all procedures.

Date	Topic(s)	Description
08 Jun 2021	EBS Globex Firms and Signatures	Updated to reflect changes to participant type options.
21 Apr 2021	EBS Globex Firms and Signatures	Updated "Creating an EBS Globex Firm ID" to include post trade testing.
17 Mar 2021	Application Systems	Updated to include **Market** drop-down list.

24 Feb 2021	• EBS Requests
	   • EBS Drop Copy Sessions
	   • EBS Order Entry Sessions
	   • EBS Market Data Sessions
	   • EBS Globex Firms and Signatures
		Added new topics.

	• Accessing CME Request Center NR/Cert	"Logging In" – Added "EBS Requests" bullet after step 3.
	• Company Details	Updated introduction and added "Updating Company Details" section.
05 May 2020	Process Summary: BrokerTec New Release Testing Setup	Moved "Process Summary: BrokerTec New Release Testing Setup" from "BrokerTec Requests" to separate topic.
01 May 2020	BrokerTec Requests	Added "Process Summary: BrokerTec New Release Testing Setup" section.
10 Dec 2019	All	Updated links throughout for iLink 2.X and iLink 3.
13 Nov 2019	All	Updates throughout to incorporate BrokerTec and Futures & Options functionality.
04 Sep 2019	Company Details Service Registration Users Application Systems	Updated field definitions.
	Glossary	Added glossary.
20 Aug 2019	Application Systems	Updated screenshots and field definitions.
11 July 2019	Company Details	Edited introductory text.

Date	Topic(s)	Description
	Service Registration	
	Company Details Service Registration Application Systems	Added sentence to last step.
30 May 2019	Company Details Service Registration	Added new chapters
	Application Systems	Updated Application System Form screenshot and step 4 for multiple purposes.
	Registration	Removed chapter
22 May 2019	Application Systems	Updated descriptions of Name, Version and Vendor in step 4.
08 Apr 2019	Company Details	Added Legal Entity Identifier (LEI) and Tax ID definitions
	Application System Types Application Systems	Added "Application System Types" section. Added link from step 4 of "Application Systems" to "Application System Types."
27 Mar 2019	Front End Systems	Added procedure to resend certification email.
21 Feb 2019	Preferences (now Administration)	Front End Systems - Updated screenshot Added new chapters: • Company Details • Users • Application Systems
14 Dec 2018	Trade Injector Requests	Added "Creating Live Trade Injector Requests." Changed "Trade Injector Requests" to "Historical Trade Injector Requests" throughout.
12 Sep 2018	Trade Injector Requests	"Creating Trade Injector Requests" - Added a note for Inject Trade Count field.
27 July 2018	Trade Injector Requests	Updated screenshot of "Create Request" dialog.
24 July 2018	Futures & Options Drop Copy Sessions Futures & Options Order Entry Sessions	Updated screenshots of Drop Copy Group and iLink session lists.
13 July 2018	Getting Started	Rewrote "Getting Started" chapter.
	CME Request Center NR/Cert	Updated with Trade Injector Request information.
	Accessing CME Request Center	Updated with Trade Injector Request information.

Date	Topic(s)	Description
	NR/Cert	Added "Trade Injector Requests" section
	Clearing Trade Injector Requests Error Messages	Added new topics for Trade Injector Requests.
07 Mar 2018	Preferences (now Administration)	Updated screenshot of list of front end systems.
12 Jan 2018	Futures & Options Drop Copy Sessions Futures & Options Order Entry Sessions	Updated screenshots to show environment for keys.
5 Jan 2018	Futures & Options Drop Copy Sessions Futures & Options Order Entry Sessions	Updated "Downloading Keys" sections to reflect change from CSV to text file format.
13 Oct 2017	Getting Started Accessing CME Request Center NR/Cert My Requests Futures & Options Requests Futures & Options Drop Copy Sessions Futures & Options Order Entry Sessions	Updates throughout for addition of iLink sessions functionality.
29 Sep 2017		Initial release

Accessing CME Request Center NR/Cert

To access CME Request Center NR/Cert functions, users must have an active CME Group Login. Following are instructions to:

- Register and Activate a CME Group Login
- Log In / Out
- Forgotten User ID / Password, manage user profile

Registering and Obtaining Access to CME Request Center NR/Cert

▷ **To register for a CME Group Login:**

Prior to logging in, ensure the following is completed:

- Use the CME Group Login service to register and activate a user profile.
- All registered AutoCert+ users have access to CME Request Center NR/Cert. Contact your Global Account Manager (GAM) to request access to AutoCert+ and associate your account with the correct companies in CME Request Center NR/Cert.
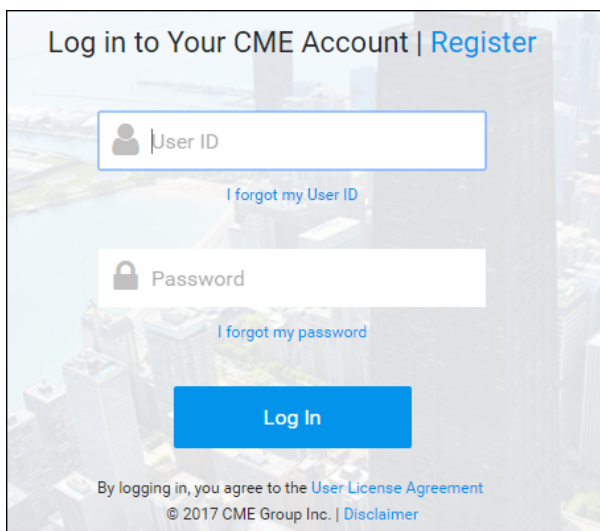
See also: Obtaining Access to FECPlus

> ⓘ **Note**: For login or registration questions or issues, refer to the CME Group Login instructions or contact EASE.

Logging In

CME Group recommends using a recent version of supported browsers (Google Chrome, Internet Explorer) to access and operate application functions.

▷ **To login to the CME Request Center NR/Cert:**

1. Enter the URL: https://autocert.cmegroup.com/requestcenter/
2. From the Login page, enter your **User ID** and **Password**, then select **Login**.

Log in to Your CME Account | Register

| 👤 | User ID |

I forgot my User ID

| 🔒 | Password |

I forgot my password

Log In

By logging in, you agree to the User License Agreement

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Upon successful login, the two factor authentication screen appears. On your mobile device or by phone, confirm the security code, then select **Continue**.

3. From the CME Customer Center menu, select **Administration** > **Request Center NR/Cert**.
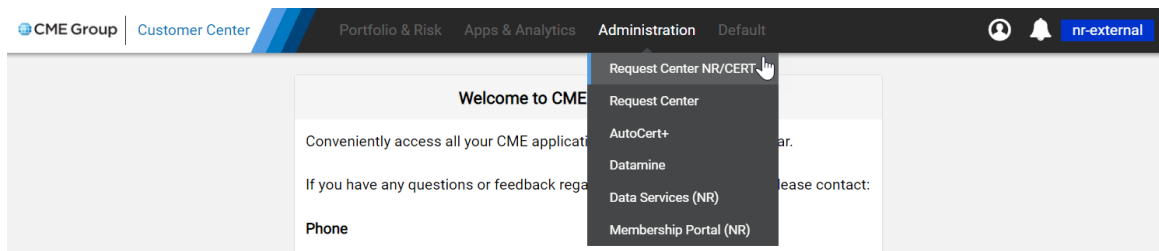
The following menu selections are available:

- **My Requests**: View In Progress, Completed and Failed request details.

- **Future & Options Requests**: Create and manage Futures & Options entity information requests; Drop Copy Sessions, Order Entry Sessions, Globex Firm IDs (GFID).

- **BrokerTec Requests**: Create and manage BrokerTec entity information requests; Drop Copy Sessions, Globex Firm IDs (GFID) and User Signatures (GUS), Order Entry Sessions, Market Data Sessions.

  > ⓘ   **Note:** Requests in CME Request Center NR/Cert do not require approval. They are automatically validated.

- **EBS Requests**: Create and manage EBS entity information requests; Drop Copy Sessions, Order Entry Sessions, Market Data Sessions, Globex Firm IDs (GFID) and User Signatures (GUS).

- **Administration**: View status of certification testing by Front End Systems for available test suites, resend a certification completion email, register a company, register a service, add users, and add application systems.

- **Injectors**: Create self-service injector requests to receive matched trade information for use during certification testing in the New Release and Certification environments. See Obtaining Access to FECPlus.

Additional Functions

For additional details, refer to the following CME Group Login resources:

- **Forgot User ID**: After validating profile details, receive a username reminder to the registered email address.

- **Forgot Password**: After validating profile details, security validation and questions, a password reset email is sent to the registered email address.

- **Manage Profile**: Create and manage user details.

  Users are required to periodically review and update their profile details. Dormant user profiles will be deactivated after an extended inactivity period.

> ⓘ **Note:** Users are restricted to 10 2FA tokens per day, including tokens for logging into CME Request Center NR/Cert and for downloading secure key pairs. Please contact EASE if you have exceeded your allowed tokens for the day but need additional access.

Logging Out

To protect accounts and data and after completing activity, users should log out of the CME Customer Center and close the browser session.

To logout, select **My Profile** then select **Logout**.

> ⓘ **System timeout**: Sessions are active for eight hours; logging out then logging in again resets the session logout timer. After a period of inactivity authentication may be required to perform additional functions.

Accessing FECPlus

Users must have access to FECPlus CERT with Firm ID entitlements before submitting self-service injector requests for **Live Clearing Trade** and **Historical Clearing Trade** information. Contact Enterprise Application & System Entitlements (EASE) to request Firm ID entitlements in FECPlus CERT.

> ⓘ **Note:** You only need access to FECPlus if you will be submitting self-service injector requests.

See: Self-Service Injector Requests

Viewing Matched Trade Information

After a request has been successfully processed, the matched trade information must be accessed in Front End Clearing Plus (FECPlus) in the target environment (Certification or New Release) indicated in the request.

> ⓘ **Note:**To view matched trade information, users must have access to FECPlus CERT.

My Requests

On the **My Requests** page, authorized users can view, copy, and export their requests.

- **Request Status** - A summary view of requests by requester, request type, market, environment, details, company, status and dates. To view additional details, select from available requests.

To view additional details, select a request.

Request Center table

Filter / Sort / Export / Print

- **Refresh**( ) - Update the table with recently submitted / approved requests
- **Filter** - To narrow the requests, enter criteria in the row below column headings. To view an exact results set, use additional filters.

- **Sort** - By default, requests appear in descending order by Request Date. Sort requests in ascending / descending order by selecting a column heading.

- **Copy** - Copy results table, to view and analyze in another application.
- **Export**:
    - **CSV** - Comma Separated Value (CSV), a flat file with commas separating cell values.
    - **PDF** - Acrobat Portable Document Format (PDF).
- **Print** - Displays all requests in a printer friendly format and opens a print dialog.

Futures & Options Requests

Using **Futures & Options Requests** functionality, authorized users can create and manage entity information that affects CME Globex order handling.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

Users may submit requests for the following:

- Globex Firm IDs

- Order Entry sessions to manage bidirectional order entry messages and secure key pairs for the sessions

> ⓘ **Note**: Using self-service functions, users can create a **SenderComp**, a concatenation of the Globex Firm ID (GFID), Order Entry Session (Session ID) and a Fault Tolerance Indicator (FTI), to submit orders on the New Release (NR) and Certification (CERT) environment.
> If you have more than one application to certify, obtain an additional ID. A separate SenderCompID is required for NR environment and CERT environment.
> See also:
> - Trading on Behalf of a Client

- Drop Copy sessions to monitor trading activity messages
- Secure key pairs for Drop Copy and iLink Order Entry sessions

- Cancel on Behalf: Enable Cancel on Behalf for a Globex Firm ID - Session ID in the New Release / CERT environment

Secure Key Pairs

Users can generate and manage the secure key pairs (Access Key ID + Secret Key) that must be used for authentication during the secure logon process for Drop Copy and Order Entry sessions.

- Once created, credentials are accessible and available for multiple downloads in CME Request Center NR/Cert.

- A customer can have up to two secure key pairs for a Session ID for up to four weeks, after which the older secure key pair is automatically expired.

  - A newly created secure key pair will have a status of active, i.e. valid for logon.

  - The first secure key pair will expire in four weeks after the market close.

- If a customer generates a third secure key pair:

  - One of the existing secure key pairs will be deleted, effective immediately, based on the customer selection.

  - The remaining secure key pair will expire in four weeks after the market close.

For security reasons, CME Group requires customers to change their security credentials every 12 months. Notification regarding pending security credential expiration will be sent to registered administrators.

Futures & Options Globex Firm

Using the **Futures & Options - Globex Firm** page, authorized users can create and manage Globex Firm IDs (GFID) for Futures & Options sessions. Globex Firm IDs are required when requesting sessions.

> ⓘ **Note:**
> -A company can have more than one GFID for each venue (market).
> -A GFID can only be assigned to one company.

> ⓘ **Note:** <u>Globex Firm IDs must be created</u> before requesting Futures & Options sessions.

The following functions are available on the **Globex Firm and Signature** page.

- Create a Futures & Options Globex Firm ID
- Delete a Futures & Options Globex Firm ID

Creating a Globex Firm ID for Futures & Options

On the **Futures & Options - Globex Firm** page, users can create Globex Firm IDs for Futures & Options sessions. Firm IDs do not have to be approved. Once they are created, they are immediately available.

▷ **To create a Globex Firm ID for Futures & Options**

1. Select **Create New Firm ID** .

2. Enter a Globex Firm ID (up to 5 characters).

3. Select **Submit**.

   A notification displays at the top of the screen. An email notification is sent to the registered email address.

   Select **Refresh**.

   The Globex Firm ID now displays in the list.

Deleting a Globex Firm ID for Futures & Options

▷ **To delete a Globex Firm ID for Futures & Options**

1. Select the checkbox next to a Globex Firm ID.

2. Select **Delete Selected Firm ID(s)**.

3. Select **Submit**.

   A notification displays.

4. Select **Refresh**.

   The selected Globex Firm ID(s) is removed from the list.

■	Globex Firm ID ▲	Market
🔍		🔍
☐	000	Futures & Options
☐	111	Futures & Options
☐	222	Futures & Options

Futures & Options Order Entry Sessions

Using the **Futures & Options - Order Entry Sessions** page, authorized users can create and manage order entry sessions which are used to:

- enter, modify and cancel orders
- receive confirmation messages (iLink 3)

Within a single Company (Primary / Secondary Globex firm), multiple order entry sessions can be created. Users can also generate and manage the secure key pairs that must be used for authentication during the secure logon process for order entry sessions.
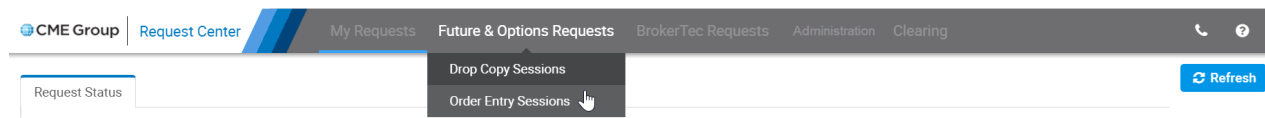
A valid Futures & Options order entry session consists of:

- SenderCompID - required before running AutoCert+ certification tests.
  - Session ID (characters 1-3)
  - Globex Firm ID (characters 4-6)
  - Fault Tolerance Indicator (character 7)
- Password
- Access Key ID
- IP address
- Port
- Market Segment ID (MSGW session)

The following functions are available on the **Order Entry Sessions** page

- Creating a Futures & Options Order Entry Session
- Viewing and Editing Futures & Options Order Entry Sessions
- Generating Keys for Futures & Options Order Entry Sessions
- Deleting Keys for Futures & Options Order Entry Sessions
- Downloading Keys for Futures & Options Order Entry Sessions
- Manage Session Protocols for Futures & Options Order Entry Sessions

Creating a Futures & Options Order Entry Session

On the **Futures & Options - Order Entry Sessions** page, users can create new Futures & Options order entry sessions.
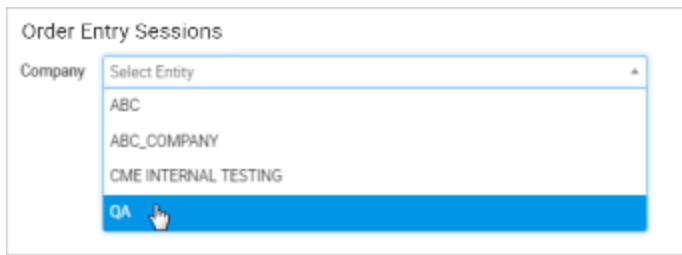
> **Note:** Globex Firm IDs must be created before requesting Futures & Options sessions.

▷ **To create a new Futures & Options order entry session:**
1. Make a selection in the **Company** drop-down menu, if necessary.

The Futures & Options order entry sessions for the company display.

2. Select **Create Order Entry Session**.

3. Enter the session details.

- **Environment** - CERT or NEWRELEASE

  > ℹ️ **Note:** Contact your Global Account Manager if you are unsure which environment to select.

- **Primary Globex Firm**

- **Secondary Globex Firm(s)** - Additional firm(s) authorized to trade on the session

- **Session Type** - Convenience Gateway or Market Segment Gateway

- **Session Protocol** - ASCII (FIX) or Binary (FIXP)

- **Number of Sessions** - 1 or 2

- **Business Rationale / Background**

4. Click **Proceed**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

> The request to create your iLink session has been submitted. Please note, these requests are processed daily starting at 4pm CT
> Request #871
> You will receive a notification email once this request is completed. You can also log into the Request Center and check the status of this request.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the newly created session appears in the list on the **Order Entry Sessions** page, with an assigned Session ID.

Viewing and Editing Futures & Options Order Entry Sessions

From the **Order Entry Sessions** page, the following functions can be performed.

- View Futures & Options order entry session details
- Edit Futures & Options order entry session details

▷ **To view session details for Futures & Options order entry sessions:**

1. Make a selection in the **Company** drop-down menu, if necessary.

The order entry sessions for the company display.

For Market Segment Gateway sessions, select **View IPs** in the **Primary ID** or **Secondary IP** field to view all of the primary and backup IPs.

2. Select a **Session ID**.

   The iLink session details display.

▷ **To edit session details for Futures & Options order entry sessions:**

1. View the session details.

2. Click **Edit**.

   Or

3. Hover over one of the fields (**Primary Globex Firm**, **Secondary Globex Firm(s)**, **Session Protocol**, **Business Rationale/Background**) and select the edit icon (✎).

4. Update as necessary.

5. Click **Submit**.

6. A notification displays. An email notification is sent to the registered email address.

Generating Keys for Futures & Options Order Entry Sessions

See: "Secure Key Pairs"

▷ **To generate keys for Futures & Options order entry sessions**

1. Select a session ID(s).

2. Select **Actions for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

    Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

    If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for Futures & Options Order Entry Sessions

See: "Secure Key Pairs"

▷ **To delete keys for Futures & Options order entry sessions**

1. Select a session ID(s).

2. Select **Actions for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for Futures & Options Order Entry Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for Futures & Options order entry sessions**

1. Select a session ID(s).

2. Select **Actions for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

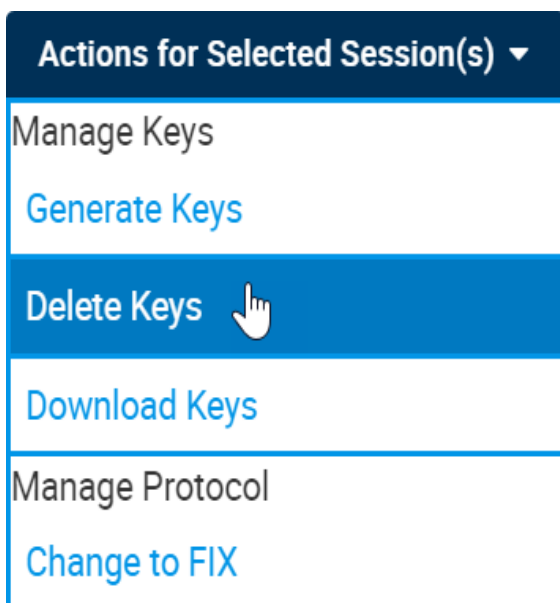6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

Manage Session Protocols for Futures & Options Order Entry Sessions

Users can change the protocol for certain sessions (FIX or FIXP).

> ℹ️ **Note:** Session protocols can only be changed for Futures & Options Order Entry **MSGW (Market Segment Gateway) sessions**. Session protocol management is not available for Futures & Options **Convenience Gateway (CGW) sessions** because only FIX is available for CGW sessions.

▷ **To change session protocols for Futures & Options order entry sessions**

1. Select a session ID(s).

2. Select **Actions for Selected Session(s)**.

3. Select **Change to FIX** or **Change to FIXP**.

4. Select **Submit**.

A notification displays.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the updated protocol appears in the list on the **Order Entry Sessions** page, with an assigned Session ID.

Futures & Options Drop Copy Sessions

Using the **Drop Copy Sessions** page, authorized users can create sessions that utilize the Drop Copy service to receive trading activity communications via the iLink 3 order entry gateway.

To receive trading activity messages at multiple related entities, configure Drop Copy sessions (target sessions) with source sendercomp sessions. Users must generate secure key pairs for authentication during Drop Copy target session secure logon.
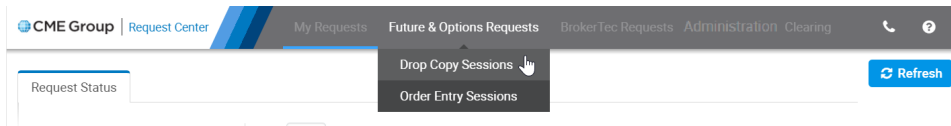
The following functions are available on the **Futures & Options - Drop Copy Sessions** page:

- Creating a Futures & Options Drop Copy Session
- Viewing and Editing Futures & Options Drop Copy Sessions
- Generating Keys for Futures & Options Drop Copy Sessions
- Deleting Keys for Futures & Options Drop Copy Sessions
- Downloading Keys for Futures & Options Drop Copy Sessions

Creating a Futures & Options Drop Copy Session

On the **Futures & Options - Drop Copy Sessions** page, users can create a new session to receive direct trading activity messages.

▷ **To create a Futures & Options Drop Copy session:**

> ⓘ   **Note:** Globex Firm IDs must be created before requesting Futures & Options sessions.

1. Make a selection in the **Company** drop-down menu, if necessary.
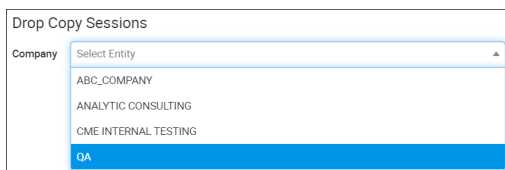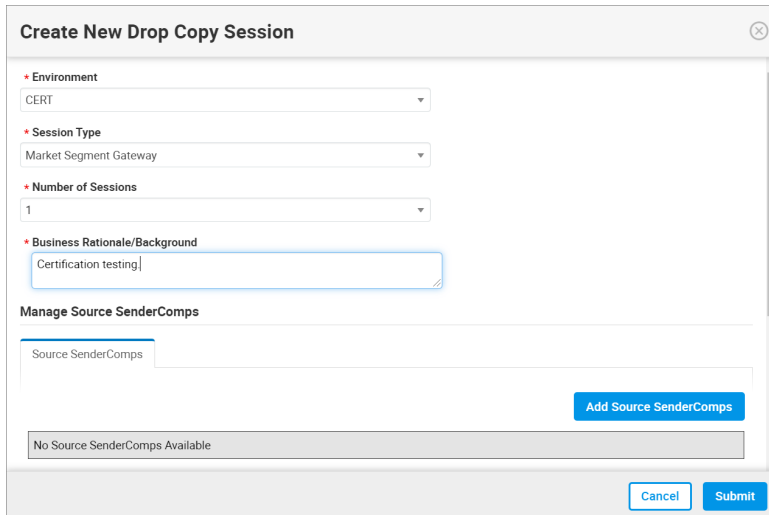
2. Select **Create New Session**.
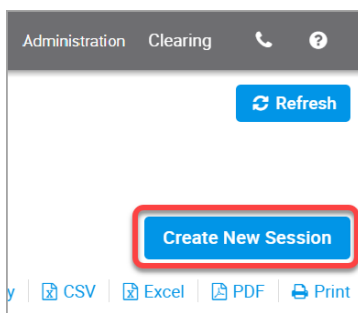
3. Make selections in the drop-down menus:
   - **Environment** - CERT or NEWRELEASE

> ℹ️ **Note:** If you are unsure which environment to select, contact Global Account Management (GAM.

- **Session Type** - Convenience Gateway or Market Segment Gateway (iLink)
- **Number of Sessions** - 1 or 2
- **Business Rationale/Background**

Create New Drop Copy Session ⊗

* Environment
CERT ▾

* Session Type
Market Segment Gateway ▾

* Number of Sessions
1 ▾

* Business Rationale/Background
Certification testing.

Manage Source SenderComps
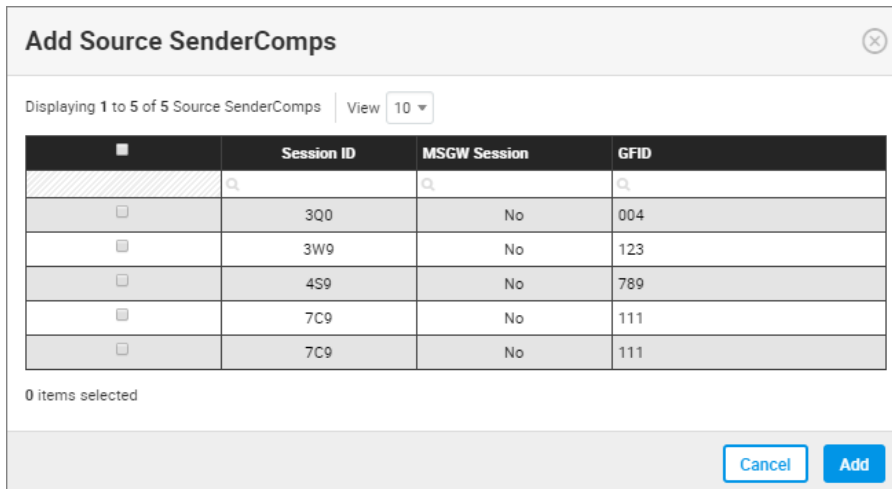
Source SenderComps

Add Source SenderComps

No Source SenderComps Available

Cancel   Submit

4. Select **Add Source SenderComps**.

5. Select source SenderComp checkbox(es) and select **Add**.

Add Source SenderComps ⊗

Displaying 1 to 5 of 5 Source SenderComps | View 10 ▾

☑	Session ID	MSGW Session	GFID
☐	3Q0	No	004
☐	3W9	No	123
☐	4S9	No	789
☐	7C9	No	111
☐	7C9	No	111

0 items selected

Cancel   Add

The selections will appear in the list.

6. Click **Submit**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

The request to update your Drop Copy Group has been submitted
Request #837
You will receive a notification email once this request is completed. You can also log into the Request Center and check the status of this request.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the Drop Copy session appears in the list on the Drop Copy Sessions page.

Viewing and Editing Futures & Options Drop Copy Sessions

On the **Futures & Options - Drop Copy Sessions** page, users can view and edit existing Futures & Options Drop Copy sessions.

▷ **To view Futures & Options Drop Copy session details:**

1. Make a selection in the **Company** drop-down menu, if necessary.

Drop Copy Sessions

Company	Select Entity ▲
	ABC_COMPANY
	ANALYTIC CONSULTING
	CME INTERNAL TESTING
	QA

Drop Copy Sessions   ⟳ Refresh

Company QA ▼

Manage Keys for Selected Sessions(s) ▲   Create New Session

Displaying 1 to 10 of 13 Drop Copy Groups   View 10 ▼   Copy | CSV | Excel | PDF | Print

	Session ID ▲	Market Segment Gateway	Environment	Source Sendercomps	Market	Key ID / Expiration Date	Primary IP	Secondary IP	Primary Port	Company Contact	Live Date
☐	302MSGN	Yes	CERT	–	Futures & Options	–	View IPs	View IPs	7622		31 Oct 2019
☐	303MSGN	Yes	NEWRELEASE	ACT	Futures & Options	–	View IPs	View IPs	7619		31 Oct 2019
☐	304MSGN	Yes	NEWRELEASE	–	Futures & Options	–	View IPs	View IPs	7621		31 Oct 2019
☐	305MSGN	Yes	NEWRELEASE	–	Futures & Options	–	View IPs	View IPs	7626		31 Oct 2019
☐	307MSGN	Yes	NEWRELEASE	–	Futures & Options	–	View IPs	View IPs	7599		24 Oct 2019
☐	308MSGN	Yes	NEWRELEASE	–	Futures & Options	–	View IPs	View IPs	7615		30 Oct 2019
☐	309MSGN	Yes	NEWRELEASE	–	Futures & Options	–	View IPs	View IPs	7624		31 Oct 2019
☐	Q3ACPON	No	NEWRELEASE	–	Futures & Options	–	10.210.141.109	10.210.141.113	8228		31 Oct 2019
☐	Q4ACPON	No	NEWRELEASE	–	Futures & Options	*****	10.210.141.109	10.210.141.113	8167		19 Sep 2019
☐	Q5ACPON	No	NEWRELEASE	–	Futures & Options	–	10.210.141.109	10.210.141.113	8230		31 Oct 2019

« First ‹ Previous 1 2 Next › Last »

Manage Keys for Selected Sessions(s) ▲   Create New Session

For Drop Copy for Market Segment Gateway sessions, select **View IPs** in the **Primary ID** or **Secondary IP** field to view all of the primary and backup IPs.

IPs for Session 309MSGN

Primary IPs

IP	Market Segment ID
69.50.112.183	70
69.50.112.195	60
69.50.112.189	72
69.50.112.177	64
69.50.112.202	50
69.50.112.172	58
69.50.112.167	78
69.50.112.197	74
69.50.112.191	54
69.50.112.179	82
69.50.112.204	76
69.50.112.174	56
69.50.112.198	84
69.50.112.187	80
69.50.112.181	52
69.50.112.168	68
69.50.112.199	99
69.50.112.169	88

Backup IPs

IP	Market Segment ID
69.50.112.200	84
69.50.112.170	68
69.50.112.194	60
69.50.112.176	64
69.50.112.182	70
69.50.112.188	72
69.50.112.171	58
69.50.112.201	50
69.50.112.166	78
69.50.112.196	74
69.50.112.190	54
69.50.112.178	82
69.50.112.173	56
69.50.112.203	76
69.50.112.180	52
69.50.112.175	88
69.50.112.205	99
69.50.112.186	80

OK

2. Select a **Session ID**.

> **Note**: To view specific results, within a list, use the sort / filter option.

On the Details pages, session configuration information displays:

- **Session ID**
- **Environment**
- **Session Type**
- **Business Rationale**
- **Manage Source SenderComps** - The source SenderComps assigned to a Drop Copy session can be edited.

▷ **To edit an existing Futures & Options Drop Copy session**

1. View the Futures & Options Drop Copy session details.

2. Click **Add Source SenderComps**

    a. Select a session ID.

    b. Select **Add**.

3. Or select the **(x)** in the **Remove** column.

Session ID	MSGW Session ▲	GFID	Remove
🔍	🔍	🔍	
~~L54~~	~~Yes~~	~~000~~	↺

4. Click **Submit**.

   A notification displays at the top of the screen. An email notification is sent to the registered email address.

   > **The request to update your Drop Copy Group has been submitted**
   > Request #838
   > You will receive a notification email once this request is completed. You can also log into the Request Center and check the status of this request.

   After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

   After validation and setup, the status changes to **Completed** and source SenderComps are added / removed from the Drop Copy session.

Generating Keys for Futures & Options Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To generate keys for Futures & Options Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

   Manage Keys for Selected Sessions(s) ▼
   - Generate Keys 👆
   - Delete Keys
   - Download Keys
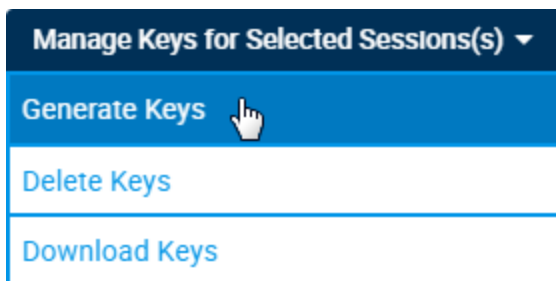
4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

   Generate New Keys ⊗

   > Only **one active key** is allowed per session.
   > Please select which key below you would like to **delete immediately** for the following session:
   > **Please Note:** Any additional keys will be expired in 4 weeks.

   ☐ Select all oldest keys   🚩 Key will expire within 4 weeks   ⚠ Key is old and should be replaced

Session ID	Key ID(s)	Key Creation Date	Key Expiry Date	Environment
○ PD8	80W5cqa05pRf4OybCotD	12 Sep 2017	🚩 10 Oct 2017	NEWRELEASE
○	0gKBRrC95qlkxr6EKH5a	12 Sep 2017	12 Sep 2018	

   Cancel   **Delete Selected Key(s) and Proceed**

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

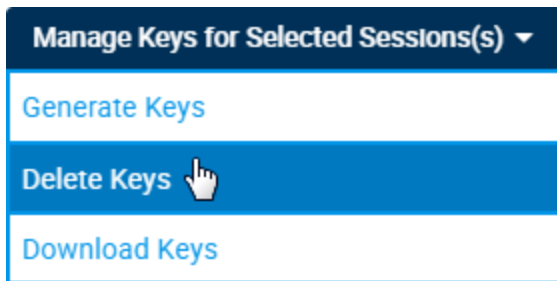10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for Futures & Options Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To delete keys for Futures & Options Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for Futures & Options Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for Futures & Options Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

Cancel on Behalf - Futures & Options

Using the **Cancel on Behalf** page, authorized users can enable Cancel on Behalf (COB) functionality for Globex Firm ID (GFID) - Session IDs in the New Release / CERT environment to send and receive cancel on behalf messages via the iLink order entry gateway.

To transmit COB messages, ensure the GFID and order entry sessions are setup prior to enabling source sendercomp sessions.

> **Note**: For additional information refer to Client Systems wiki - Trading on Behalf of a Client - Cancel on Behalf.

Enabling Cancel on Behalf

▷ **To enable Cancel on Behalf:**

1. From the *Futures & Options Requests* menu, select **Cancel on Behalf**, then make a selection in the **Company** drop-down menu, if necessary.

2. From the *Cancel on Behalf* page, select **Environment: , Globex Firm ID**.

    A list of Session IDs, for the selected GFID, appears.

3. Select the **Session ID**(s) to enable, then select **Actions for Selected Session(s)** > **Enable Cancel on Behalf**.

4. On the dialog that appears, review the selected session information, then select **Enable for Cancel on Behalf**.

A confirmation banner appears, the request appears on the My Requests page and an email message is sent to the requestor.

Cancel on Behalf will be effective for the selected session after 4:30 pm CT and available for the next trading session.

Disabling Cancel on Behalf

▷ **To disable Cancel on Behalf:**

1. From the *Cancel on Behalf* page, select **Environment: , Globex Firm ID**.

2. Select the **Session ID**(s) to disable, then select **Actions for Selected Session(s)** > **Disable Cancel on Behalf**.

3. On the dialog that appears, review the selected session information, then select **Disable for Cancel on Behalf**.

A confirmation message appears, the request appears on the My Requests page and an email message is sent to the requestor.

Cancel on Behalf will be disabled for the selected session after 4:30 pm CT and restricted for subsequent trading sessions.

Self Match Prevention

CME Globex Self-Match Prevention (SMP) is optional functionality that allows market participants to prevent the matching of orders for accounts with common ownership, within and across different Globex Firm IDs (GFID) and/or clearing firms.

Use the Request Center Self Match Prevention function to create a SMP ID, for testing in the certification / new release environment.

> **Note**: For additional details, see CME Globex Self- Match Prevention Functionality - Frequently Asked Questions. In the Production environment SMP ID registration is performed on the Firm Administrator Dashboard (FADB).
> **See also**: FADB Self-Match Prevention instructions.

Enabling Self Match Prevention

▷ **To create a Self-Match Prevention ID:**

1. From the *Request Center >* *Futures & Options Requests*

 / BrokerTec Requests

 / EBS Requests menu, select **Self Match Prevention**, then select a **Company** and **Environment** on the page that appears.

2. Select **Create a New SMP ID** button, enter the three character **Globex Firm ID** (position 4-6 of tag 49 / 56 - Sender-CompID / TargetCompID).

   Repeat as necessary to add additional GFIDs.

A SMP ID is automatically assigned to the request and confirmation message appears after submission.

> **Note**: SMP ID assignments are effective after 4:00 pm CT daily and available for the next trading session.

The request to create your SMP ID has been submitted.
Request #24444
You will receive a notification email once this request is completed.

Updating Firm ID

▷ **To update Firm ID:**

A function is available to update GFIDs associated with SMP IDs; add, delete.

1. From the *Self Match Prevention* page, select the checkbox for a SMP ID to update.

2. Select a **SMP ID** (checkbox) from the list, then select **Actions for the selected SMP ID** > **Update Firm ID**.

3. On the *Update SMP ID* dialog, enter or delete **GFIDs** associated with the selected SMP ID.

BrokerTec Requests

Using **BrokerTec Requests** functionality, authorized users can create and manage entity information that affects BrokerTec order handling.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

If you are new to using the CME Group test environments or AutoCert+ and CME Request Center NR/Cert, please start your certification process using the steps in Process Summary: BrokerTec New Release Testing Setup.

Users may submit requests for the following:

- Drop Copy sessions to monitor trading activity messages.

- Globex Firm IDs (GFID) and Globex User Signatures (GUS) to use when requesting sessions.

> ⓘ **Note:**
> -A company can have more than one GFID and GUS for each venue (market).
> -A GFID can only be assigned to one company.
> -A GUS can only be assigned to one company.

- Order entry sessions to manage bidirectional order entry messages and secure key pairs for the sessions.

> ⓘ **Note**: Using self-service functions, users can create a **SenderComp**, a concatenation of the Globex Firm ID (GFID), Order Entry Session (Session ID) and a Fault Tolerance Indicator (FTI), to submit orders on the New Release (NR) and Certification (CERT) environment.
> If you have more than one application to certify, obtain an additional ID. A separate SenderCompID is required for NR environment and CERT environment.
> See also:
> - Trading on Behalf of a Client

- Market data sessions
- Secure key pairs for Drop Copy, Order Entry and market data sessions.

Secure Key Pairs

Users can generate and manage the secure key pairs (Access Key ID + Secret Key) that must be used for authentication during the secure logon process for Drop Copy, order entry and market data sessions (see BrokerTec documentation for details).

- Once created, credentials are accessible and available for multiple downloads in CME Request Center NR/Cert.

- A customer can have up to two secure key pairs for a Session ID for up to four weeks, after which the older secure key pair is automatically expired.

  - A newly created secure key pair will have a status of active, i.e. valid for logon.

  - The first secure key pair will expire in four weeks after the market close.

- If a customer generates a third secure key pair:

  - One of the existing secure key pairs will be deleted, effective immediately, based on the customer selection.

  - The remaining secure key pair will expire in four weeks after the market close.

For security reasons, CME Group requires customers to change their security credentials every 12 months. Notification regarding pending security credential expiration will be sent to registered administrators.

Process Summary: BrokerTec New Release Testing Setup

CME Group requires that all client systems are certified by AutoCert+, the CME Group API certification tool that is used to test API conformance for Order Entry, Market Data, Drop Copy, and Straight-Through Processing (STP) systems. CME Request Center NR/Cert is used to create and view requests for CME Globex entities and Clearing information for use during certification testing. CME Group offers two customer testing environments, Certification and New Release.

> ⓘ **Note:** Currently, certification testing for BrokerTec functionality can only be performed in the New Release environment.

BrokerTec customers who are new to using AutoCert+ and CME Request Center NR/Cert must complete the following steps:

1. Secure connectivity to CME Group's Globex New Release environment. See the CME Globex New Release Environment Onboarding document for details.

2. Ensure that you have registered a CME Group Login for each user requiring access to the CME Group testing environments.

3. Provide your CME Global Account Manager (GAM) with your CME Group Login(s).

   Your account manager enables access to the test environment and entitles users to the respective firms.

4. Log into CME Request Center NR/Cert using your CME Group Login.

5. Submit company details for approval. You may proceed to the next step prior to receiving this approval.

   > ⓘ **Note:** From the **Market** drop-down, select BrokerTec.

6. Create an application system profile and submit it for approval.

7. Create additional users if necessary.

   CME Group reviews and approves submitted company details, application system details and users.

8. Create Globex Firm IDs (GFID) and Globex User Signatures (GUS).

   > ⓘ **Note:** Some GFID(s) may have been prepopulated by CME Group.

9. Create Order Entry, Drop Copy, and Market Data sessions as needed using the GFID created in the previous step.

10. Register Services. This step is required for the STP service only. If testing only Globex, this step can be skipped.

11. Create secure key pairs for iLink and Drop Copy sessions.

12. Create a canonical FIX message for iLink and Drop Copy sessions and populate the HMAC signature for logon.

13. See IP / Port details.

14. Subscribe to receive Test Environment Notifications.

15. Begin testing using the available AutoCert+ test suites.

BrokerTec Globex Firms and Signatures

Using the **BrokerTec Requests - Globex Firm and Signature** page, authorized users can create and manage Globex Firm IDs (GFID) and Globex User Signatures (GUS). Globex Firm IDs and Globex User Signatures are required when requesting sessions.

> ⓘ **Note:**
> -A company can have more than one GFID and GUS for each venue (market).
> -A GFID can only be assigned to one company.
> -A GUS can only be assigned to one company.
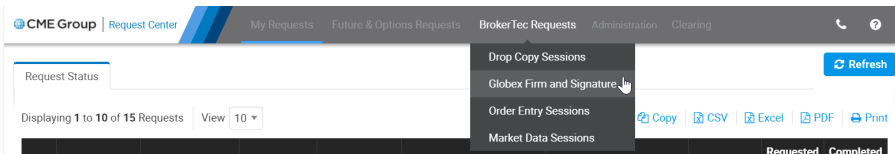
The following functions are available on the **Globex Firm and Signature** page.

- [Create a BrokerTec Globex Firm ID](#)
- [Delete a BrokerTec Globex Firm ID](#)
- [Create a BrokerTec Globex User Signature](#)
- [Delete a BrokerTec Globex User Signature](#)
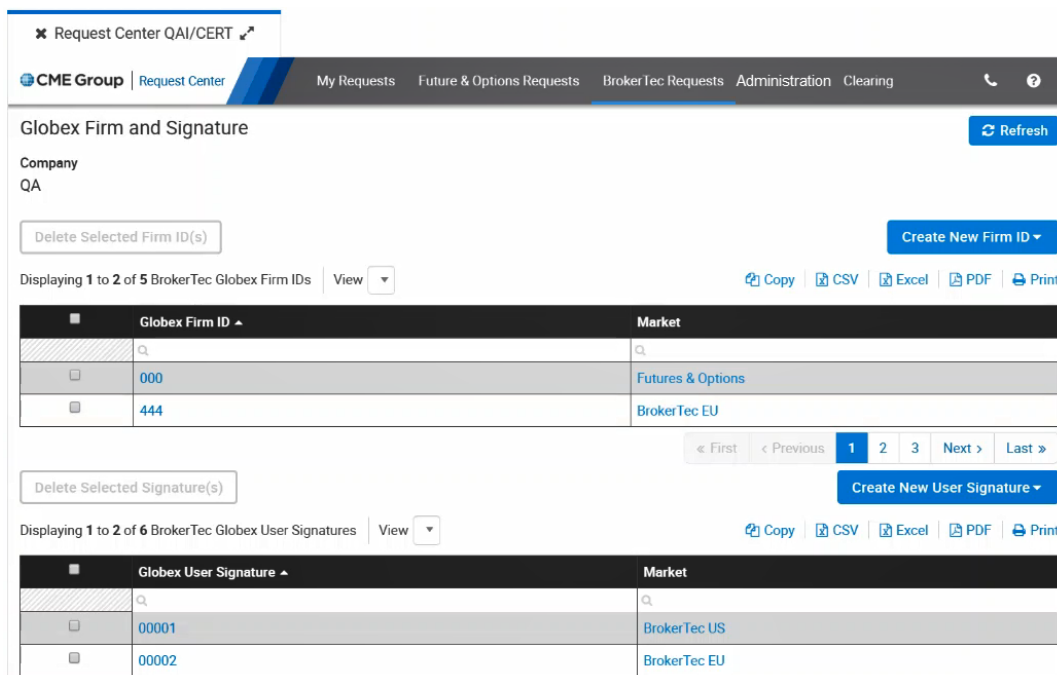
Creating a BrokerTec Globex Firm ID

On the **BrokerTec Requests - Globex Firm and Signature** page, users can create BrokerTec Globex Firm IDs. Firm IDs do not have to be approved. Once they are created, they are immediately available.
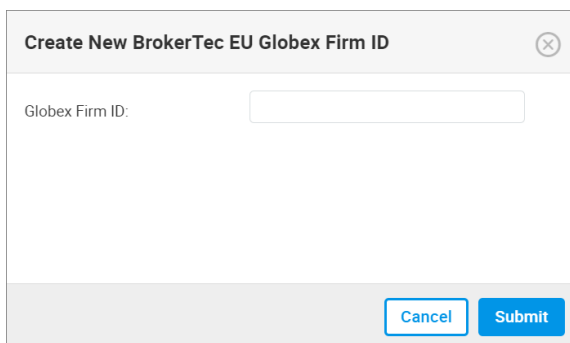
> ⓘ **Note:** If you receive an error when creating your Globex Firm ID stating "Firm ID you are trying to create is already exist" please contact your Global Account Manager.

▷ **To create a BrokerTec Globex Firm ID**

1. Select **Create New Firm ID** and select a market (BrokerTec EU or BrokerTec US).

2. Enter a Globex Firm ID (up to 5 characters).

3. Select **Submit**.

   A notification displays at the top of the screen. An email notification is sent to the registered email address.

   Select **Refresh**.

   The BrokerTec Globex Firm ID now displays in the list.

Deleting a BrokerTec Globex Firm ID

▷ **To delete a BrokerTec Globex Firm ID**

1. Select the checkbox next to a Globex Firm ID.

2. Select **Delete Selected Firm ID(s)**.

3. Select **Submit**.

A notification displays.

4. Select **Refresh**.

The selected BrokerTec Globex Firm ID(s) is removed from the list.

Creating a BrokerTec Globex User Signature

On the **BrokerTec Requests - Globex Firm and Signature** page, users can create BrokerTec Globex User Signatures. Globex User Signatures do not have to be approved. Once they are created, they are immediately available.

▷ **To create a BrokerTec Globex User Signature**

1. Select **Create a New User Signature** and select a market.

2. Enter a Globex User Signature (up to 5 characters).

3. Select **Submit**.

4. A notification displays.

5. The BrokerTec Globex User Signature now displays in the list.

Deleting a BrokerTec Globex User Signature

▷ **To delete a BrokerTec Globex User Signature**

1. Select the checkbox next to "Globex User Signature" to select all signatures or select the check box next to individual signatures.

2. Select **Delete Selected Signature(s)**.

3. Select **Submit**.

Delete BrokerTec Globex User Signatures ⊗

Please confirm that you would like to delete following BrokerTec
Globex User Signature(s):

00001

Cancel   **Submit**

4. A notification displays.

BrokerTec Globex Participant deleted
Selected Globex Participant(s) have been deleted. Please click refresh button to get updated Participant IDs
list.

5. Select **Refresh**.

The selected BrokerTec Requests Globex User Signature(s) is removed from the list.

Delete Selected Signature(s)

Displaying **1** to **2** of **6** BrokerTec Globex

☐	**Globex User Signature**
	🔍
☐	00002
☐	00003

BrokerTec Order Entry Sessions

Using the **BrokerTec Requests - Order Entry Sessions** page, authorized users can create and manage order entry sessions which are used to:

- enter, modify and cancel orders
- receive confirmation messages

> ⓘ **Note:** The iLink IP and port information will be made available in the Request Center NR/CERT once the session(s) creation has been completed.

Within a single Company (Primary Globex firm), multiple order entry sessions can be created. Users can also generate and manage the secure key pairs that must be used for authentication during the secure logon process for order entry sessions.

A valid order entry session consists of:

- SenderCompID - required before running AutoCert+ certification tests.
  - Session ID (first 3 characters)
  - Globex Firm ID (next 3 to 5 characters)
  - Fault Tolerance Indicator (last character)
- Password
- Access Key ID
- IP address
- Port
- Market Segment ID (MSGW session)

The following functions are available on the **Order Entry Sessions** page:

- Creating a BrokerTec Order Entry Session
- Generating a Key for BrokerTec Order Entry Sessions
- Deleting Keys for BrokerTec Order Entry Sessions
- Downloading Keys for BrokerTec Order Entry Sessions

Creating a BrokerTec Order Entry Session

On the **BrokerTec Requests - Order Entry Sessions** page, users can create new BrokerTec order entry sessions.

> ⓘ **Note:** Globex Firm IDs and Globex User Signatures must be created before requesting sessions.

▷ **To create a new BrokerTec order entry session:**

1. Make a selection in the **Company** drop-down menu, if necessary.

The BrokerTec order entry sessions for the company display.

2. Select **Create New Order Entry Session**(Create iLink Session).

3. Enter the session details.

- **Environment** - NEWRELEASE
- **Primary Globex Firm**
- **Number of Sessions** - 1 or 2
- **Business Rationale / Background**

4. Select **Proceed**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

> The request to create your iLink session has been submitted. Please note, these requests are processed daily starting at 4pm CT
> Request #863
> You will receive a notification email once this request is completed. You can also log into the Request Center and check the status of this request.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the newly created session appears in the list on the **BrokerTec Order Entry Sessions** page, with an assigned Session ID.

Generating Keys for BrokerTec Order Entry Sessions

See: "Secure Key Pairs"

▷ **To generate keys for BrokerTec Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

    If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for BrokerTec Order Entry Sessions

See: "Secure Key Pairs"

▷ **To delete keys for BrokerTec Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for BrokerTec Order Entry Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for BrokerTec Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

 If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

BrokerTec Drop Copy Sessions

Using the **BrokerTec Requests - Drop Copy Sessions** page, authorized users can create sessions that utilize the Drop Copy service to receive trading activity communications via the iLink order entry gateway. To receive trading activity messages at multiple related entities, configure BrokerTec Requests drop copy sessions (target sessions) with one or more source sendercomp sessions.

Users must generate secure key pairs for authentication during BrokerTec Request - Drop Copy secure logon.
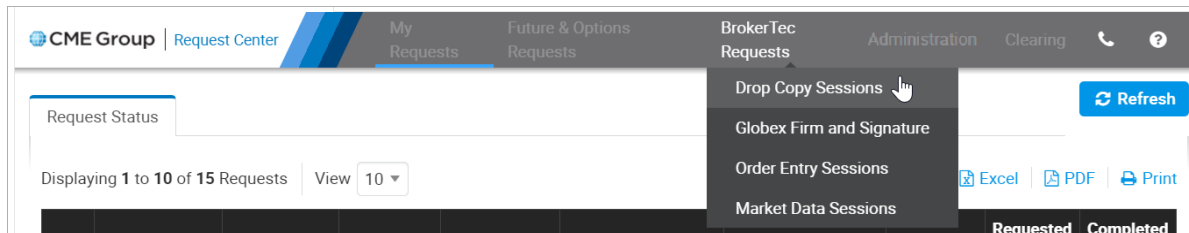
The following functions are available on the **Drop Copy Sessions** page:

- Creating a BrokerTec Drop Copy Session

- Generating Keys for BrokerTec Drop Copy sessions

- Deleting Keys for BrokerTec Drop Copy sessions

- Downloading Keys for BrokerTec Drop Copy sessions

Creating a BrokerTec Drop Copy Session

On the **BrokerTec Requests - Drop Copy Sessions** page, users can create a new BrokerTec Drop Copy session to receive direct trading activity messages.

> **Note:** Before creating Drop Copy sessions, ensure you have already created a Globex Firm ID, a Globex User Signature and at least one iLink session

▷ **To create a BrokerTec Drop Copy session:**

1. Make a selection in the **Company** drop-down menu, if necessary.
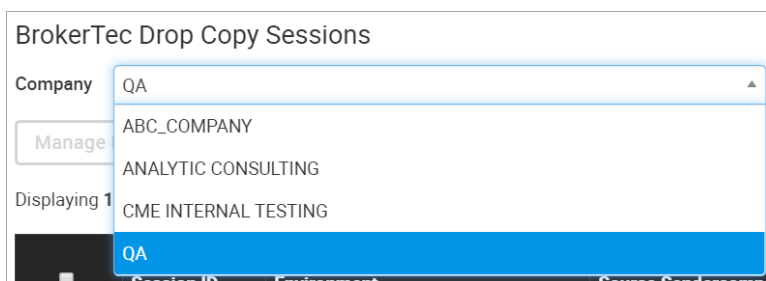
2. Select **Create New Session** and a market (BrokerTec EU or BrokerTec US).

3. Make selections in the drop-down menus:

   - **Environment** - NEWRELEASE
   - **Number of Sessions** - 1 or 2
   - **Business Rationale/Background**

4. Select **Add Source SenderComps**.

5. Select **Source SenderComps** checkboxes and select **Add**.

The selected source SenderComps appear in the list.

6. Click **Submit**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the Drop Copy session appears in the list on the Drop Copy Sessions page.

> ℹ️   **Note:** The Drop Copy IP and port information will be made available on the Request Center NR/CERT once the session(s) creation has been completed.

Generating Keys for BrokerTec Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To generate keys for BrokerTec Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.


9. Select **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for BrokerTec Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To delete keys for BrokerTec Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

The request to delete keys for your sessions has been processed successfully and the keys have now been deleted
Request #94

Downloading Keys for BrokerTec Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for BrokerTec Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

BrokerTec Market Data Sessions

Using the **Market Data Sessions** page, authorized users can create and manage market data sessions.
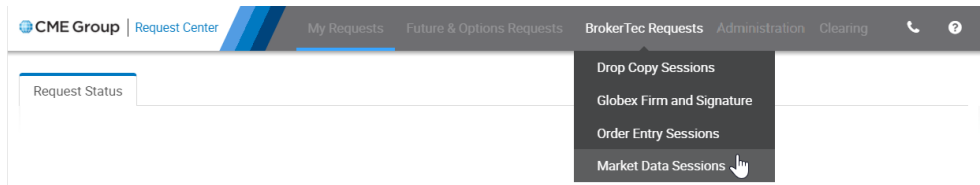
The following functions are available on the **Market Data Sessions** page

- [Creating BrokerTec Market Data Sessions](#)
- [Generating Keys for BrokerTec Market Data Sessions](#)
- [Deleting Keys for BrokerTec Market Data Sessions](#)
- [Downloading Keys for BrokerTec Market Data Sessions](#)

Creating a BrokerTec Market Data Session

On the **BrokerTec Requests - Market Data Sessions** page, users can create new BrokerTec market data sessions.

> ⓘ   **Note:** [Globex Firm IDs and Globex User Signatures must be created](#) before requesting sessions.

▷ **To create a new BrokerTec market data session:**

1. Make a selection in the **Company** drop-down menu, if necessary.

The BrokerTec market data sessions for the company display.

2. Click **Create New Market Data Session** and select a market (BrokerTec EU or BrokerTec US).

3. Enter the session details.

- **Environment** - NEWRELEASE
- **Number of Sessions** - 1 or 2
- **Business Rationale / Background**

4. Select **Proceed**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the newly created session appears in the list on the **BrokerTec Market Data Sessions** page, with an assigned Session ID.

Generating Keys for BrokerTec Market Data Sessions

See: "Secure Key Pairs"

▷ **To generate keys for BrokerTec Market Data sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

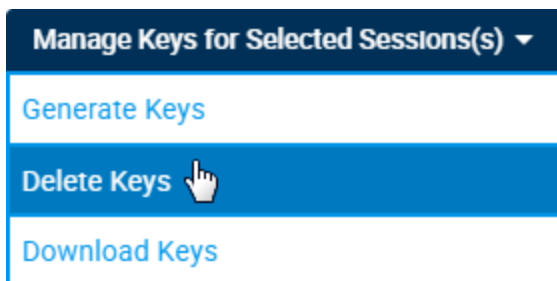10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for BrokerTec Market Data Sessions

See: "Secure Key Pairs"

▷ **To delete keys for BrokerTec Market Data sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for BrokerTec Market Data Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for BrokerTec Market Data sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

Self Match Prevention

CME Globex Self-Match Prevention (SMP) is optional functionality that allows market participants to prevent the matching of orders for accounts with common ownership, within and across different Globex Firm IDs (GFID) and/or clearing firms.

Use the Request Center Self Match Prevention function to create a SMP ID, for testing in the certification / new release environment.

> ⓘ **Note**: For additional details, see CME Globex Self- Match Prevention Functionality - Frequently Asked Questions.
> In the Production environment SMP ID registration is performed on the Firm Administrator Dashboard (FADB).
> **See also**: FADB Self-Match Prevention instructions.

Enabling Self Match Prevention

▷ **To create a Self-Match Prevention ID:**

1. From the *Request Center > Futures & Options Requests*

     / BrokerTec Requests

     / EBS Requests menu, select **Self Match Prevention**, then select a **Company** and **Environment** on the page that appears.

2. Select **Create a New SMP ID** button, enter the three character **Globex Firm ID** (position 4-6 of tag 49 / 56 - Sender-CompID / TargetCompID).

    Repeat as necessary to add additional GFIDs.

A SMP ID is automatically assigned to the request and confirmation message appears after submission.

> **Note**: SMP ID assignments are effective after 4:00 pm CT daily and available for the next trading session.

Updating Firm ID

▷ **To update Firm ID:**

A function is available to update GFIDs associated with SMP IDs; add, delete.

1. From the *Self Match Prevention* page, select the checkbox for a SMP ID to update.

2. Select a **SMP ID** (checkbox) from the list, then select **Actions for the selected SMP ID** > **Update Firm ID**.

3. On the *Update SMP ID* dialog, enter or delete **GFIDs** associated with the selected SMP ID.

EBS Requests

Using **EBS Requests** functionality, authorized users can create and manage entity information that affects EBS order handling.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

If you are new to using the CME Group test environments or AutoCert+ and CME Request Center NR/Cert, please start your certification process using the steps in Process Summary: EBS New Release Testing Setup.

Users may submit requests for the following:

- Order entry sessions to manage bidirectional order entry messages and secure key pairs for the sessions.

- Globex Firm IDs (GFID) and Globex User Signatures (GUS) to use when requesting sessions.

  > ⓘ **Note:**
  > -A company can have more than one GFID and GUS for each venue (market).
  > -A GFID can only be assigned to one company.
  > -A GUS can only be assigned to one company.

  > ⓘ **Note**: Using self-service functions, users can create a **SenderComp**, a concatenation of the Globex Firm ID (GFID), Order Entry Session (Session ID) and a Fault Tolerance Indicator (FTI), to submit orders on the New Release (NR) and Certification (CERT) environment.
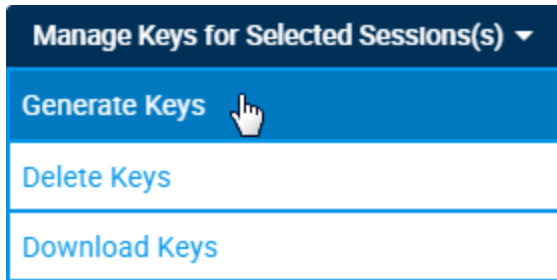 > If you have more than one application to certify, obtain an additional ID. A separate SenderCompID is required for NR environment and CERT environment.
  > See also:
  > - Trading on Behalf of a Client

- Market data sessions

- Drop Copy sessions to monitor trading activity messages.

- Secure key pairs for Drop Copy, Order Entry and Market Data sessions.

Secure Key Pairs

Users can generate and manage the secure key pairs (Access Key ID + Secret Key) that must be used for authentication during the secure logon process for Drop Copy, order entry and market data sessions.

- Once created, credentials are accessible and available for multiple downloads in CME Request Center NR/Cert.

- A customer can have up to two secure key pairs for a Session ID for up to four weeks, after which the older secure key pair is automatically expired.

  - A newly created secure key pair will have a status of active, i.e. valid for logon.

  - The first secure key pair will expire in four weeks after the market close.

- If a customer generates a third secure key pair:

  - One of the existing secure key pairs will be deleted, effective immediately, based on the customer selection.

  - The remaining secure key pair will expire in four weeks after the market close.

For security reasons, CME Group requires customers to change their security credentials every 12 months. Notification regarding pending security credential expiration will be sent to registered administrators.

EBS New Release Testing Setup

CME Group requires that all client systems are certified by AutoCert+, the CME Group API certification tool that is used to test API conformance for Order Entry, Market Data and Drop Copy systems. CME Request Center NR/Cert is used to create and view requests for CME Globex entities and Clearing information for use during certification testing.

If you are new to using the CME Group test environments or AutoCert+ and CME Request Center NR/Cert, please start your certification process using the steps in Process Summary: EBS New Release Testing Setup.

EBS Globex Firms and Signatures

Using the **EBS Requests - Globex Firms and Signatures** page, authorized users can create and manage Globex Firm IDs (GFID) Legacy EBS Market term is Deal/Floor Code and Globex User Signatures (GUS) Legacy EBS Market term is Trader Id.. Globex Firm IDs and Globex User Signatures are required when requesting sessions.

> **ⓘ Note:**
> -A company can have more than one GFID and GUS for each venue (market).
> -A GFID can only be assigned to one company.
> -A GUS can only be assigned to one company.
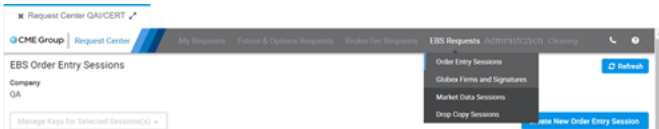
The following functions are available on the **EBS Requests - Globex Firms and Signatures** page.

- [Creating an EBS Globex Firm ID](#)
    - [Creating an EBS Globex Firm ID](#)
    - [Creating an EBS Globex Firm ID for Post Trade Testing](#)
- [Deleting an EBS Globex Firm ID](#)
- [Creating an EBS Globex User Signature](#)
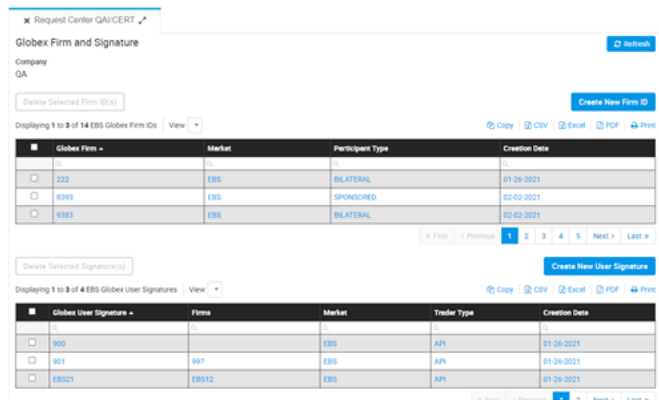
Creating an EBS Globex Firm ID

On the **EBS Requests - Globex Firms and Signatures** page, users can create EBS Globex Firm IDs (GFID) Legacy EBS Market term is Deal/Floor Code. Firm IDs do not have to be approved. Once they are created, they are immediately available.

> **ⓘ Note:** If you receive an error when creating your Globex Firm ID stating "Firm ID you are trying to create is already exist" please contact your Global Account Manager.

> **ⓘ Note:** There are two separate procedures for creating a Globex Firm ID depending on whether or not the Globex Firm ID will be used for post trade testing.

- [Creating an EBS Globex Firm ID](#)
- [Creating an EBS Globex Firm ID for Post Trade Testing](#)

Creating an EBS Globex Firm ID

> ⓘ **Note:** This procedure is used to create a Globex Firm ID that **WILL NOT** be used for post trade testing. See Creating an EBS Globex Firm ID for Post Trade Testing to create a Globex Firm ID that **WILL** be used for post trade testing.

▷ **To create an EBS Globex Firm ID**

1. Select **Create New Firm ID**.

2. Select **No** in response to the question, "Do you require Post Trade Testing?"

3. Select a **Participant Type**: Bilateral a first class trading participant that "trades in own name". Bilateral participants are known to each other, grant bilateral credit to each other, and settle with each other. Optionally, they may grant prime credit to their prime clients., Prime a participant that is not known to the market. To trade, Prime Customers receive credit allocation from a Bilateral participant (their Prime Broker) and "trade in the name of" that Bilateral participant.

4. Enter a **Parent Firm ID** (for Prime participants only).

5. Enter a **Globex Firm ID** (up to 4 characters).

6. Select the **Environment:** New Release

7. Select **Submit**.

   A notification displays at the top of the screen. An email notification is sent to the registered email address.
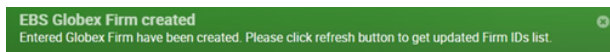
   Select **Refresh**.

   The EBS Globex Firm ID now displays in the list.

Creating an EBS Globex Firm ID for Post Trade Testing

> ⓘ   **Note:** This procedure is used to create a Globex Firm ID that **WILL** be used for post trade testing. See Creating an EBS Globex Firm ID to create a Globex Firm ID that **WILL NOT** be used for post trade testing.
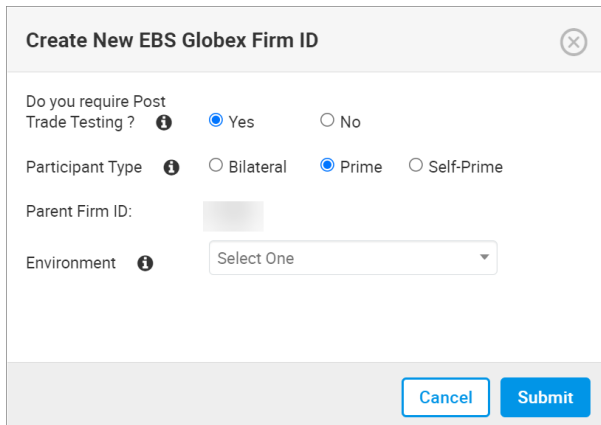
▷ **To create an EBS Globex Firm ID for Post Trade Testing**

1. Select **Create New Firm ID**.

2. Select **Yes** in response to the question, "Do you require Post Trade Testing?"

3. Select a **Participant Type**: Bilateral a first class trading participant that "trades in own name". Bilateral participants are known to each other, grant bilateral credit to each other, and settle with each other. Optionally, they may grant prime credit to their prime clients., Prime a participant that is not known to the market. To trade, Prime Customers receive credit allocation from a Bilateral participant (their Prime Broker) and "trade in the name of" that Bilateral participant.,

Self-Prime a participant who is part of the same Institution Group (i.e "legally related participants" as defined by CME Group staff) with their immediate Credit Parent. A Prime Customer can be Self-Primed.

4. Enter a **Parent Firm ID** (for Prime and Self-Prime participants only).

5. Enter a **Globex Firm ID** (up to 4 characters).

6. Select the **Environment**: NEWRELEASE.

7. Select **Submit**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

Select **Refresh**.

The EBS Globex Firm ID now displays in the list.

Deleting an EBS Globex Firm ID

▷ **To delete an EBS Globex Firm ID**
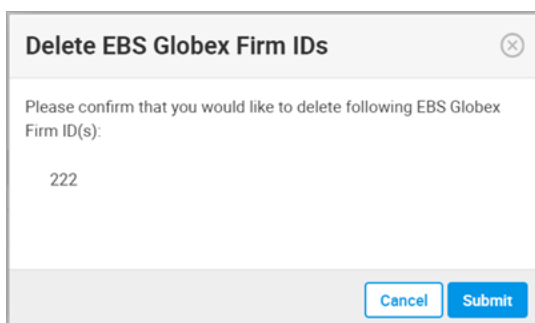
1. Select the checkbox next to a Globex Firm ID.

2. Select **Delete Selected Firm ID(s)**.

3. Select **Submit**.

A notification displays.

EBS Globex Firm(s) deleted
Selected Globex Firm(s) have been deleted. Please click refresh button to get updated Firm IDs list.

4. Select **Refresh**.

The selected EBS Globex Firm ID(s) is removed from the list.

Creating an EBS Globex User Signature

On the **EBS Requests - Globex Firms and Signatures** page, users can create EBS Globex User Signatures (GUS) Legacy EBS Market term is Trader Id.. Globex User Signatures do not have to be approved. Once they are created, they are immediately available.

▷ **To create an EBS Globex User Signature**

1. Select **Create a New User Signature**.

Create New EBS Globex User Signature ⊗

Globex User Signature ⓘ	[ ]
Environment ⓘ	NEWRELEASE ▼
Globex Firm ID ⓘ	Select One ▼
Trader Type ⓘ	○ API ○ EBS WS ● AI ADAPTER
Email ID ⓘ	[ ]
Login ID ⓘ	[ ]

Cancel   **Submit**

2. Enter a **Globex User Signature**.

ⓘ **Note:** The Globex User Signature must be <u>EXACTLY</u> 3 characters.

3. Select the **Environment Environment for which the Participant ID needs to be created**: NEWRELEASE

4. Select a **Globex Firm ID Legacy EBS Market term is Trader ID.**.

5. Select a **Trader Type API indicates this GUS will be used for iLink order entry. UI indicates this GUS will be used for EBS Workstation.**: API, EBS WS, AI Adapter.

6. Enter an **Email ID** (for EBS WS or API ADAPTER only)

7. Enter a **Login ID** (for EBS WS or API ADAPTER only)

8. Select **Submit**.

9. A notification displays.

EBS Globex Participant created
Entered Globex Participant have been created. Please click refresh button to get updated Participant IDs list.
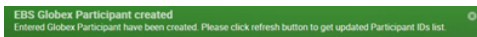
10. The EBS Globex User Signature now displays in the list.

EBS Order Entry Sessions

Using the **EBS Requests - Order Entry Sessions** page, authorized users can create and manage order entry sessions which are used to:

- enter, modify and cancel orders
- receive confirmation messages

> ⓘ **Note:** The iLink IP and port information will be made available in the Request Center NR/CERT once the session(s) creation has been completed.

Within a single Company (Primary Globex firm), multiple order entry sessions can be created. Users can also generate and manage the secure key pairs that must be used for authentication during the secure logon process for order entry sessions.

A valid order entry session consists of:

- SenderCompID - required before running AutoCert+ certification tests.
  - Session ID (first 3 characters)
  - Globex Firm ID (next 3 to 5 characters)
  - Fault Tolerance Indicator (last character) - The FTI is not created in Request Center, but it is submitted for order messages.
- Password
- Access Key ID
- IP address
- Port
- Market Segment ID (MSGW session)

The following functions are available on the **Order Entry Sessions** page:

- Creating an EBS Order Entry Session
- Generating a Key for EBS Order Entry Sessions
- Deleting Keys for EBS Order Entry Sessions
- Downloading Keys for EBS Order Entry Sessions

Creating an EBS Order Entry Session

On the **EBS Requests - Order Entry Sessions** page, users can create new EBS order entry sessions.

> ⓘ **Note:** Globex Firm IDs and Globex User Signatures must be created before requesting sessions.

▷ **To create a new EBS order entry session:**

1. Make a selection in the **Company** drop-down menu, if necessary.

The EBS order entry sessions for the company display.

2. Select **Create New Order Entry Session**(Create iLink Session).

3. Enter the session details.

- **Session Type** - Convenience Gateway, Market Segment Gateway
- **Market** - New York, London, Tokyo
- **Environment** - NEWRELEASE
- **Primary Globex Firm**
- **Number of Sessions** - 1 or 2
- **Business Rationale / Background**

4. Select **Submit**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the newly created session appears in the list on the **EBS Order Entry Sessions** page, with an assigned Session ID.

Generating Keys for EBS Order Entry Sessions

See: "Secure Key Pairs"

▷ **To generate keys for EBS Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**

- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for EBS Order Entry Sessions

See: "Secure Key Pairs"

▷ **To delete keys for EBS Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for EBS Order Entry Sessions
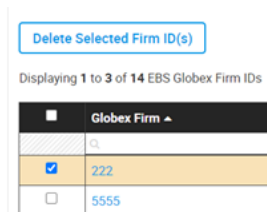
See: "Secure Key Pairs"

▷ **To download existing keys in text format for EBS Order Entry sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

EBS Market Data Sessions

Using the **EBS Requests - Market Data Sessions** page, authorized users can create and manage market data sessions.
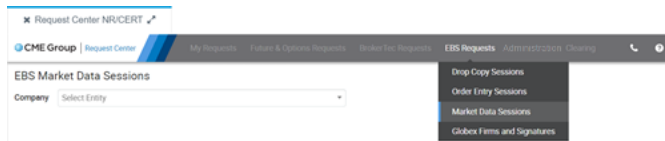
The following functions are available on the **EBS Requests - Market Data Sessions** page

- Creating EBS Market Data Sessions
- Generating Keys for EBS Market Data Sessions
- Deleting Keys for EBS Market Data Sessions
- Downloading Keys for EBS Market Data Sessions

Creating an EBS Market Data Session

On the **EBS Requests - Market Data Sessions** page, users can create new EBS market data sessions.

> **Note:** Globex Firm IDs and Globex User Signatures must be created before requesting sessions.

▷ **To create a new EBS market data session:**

1. Make a selection in the **Company** drop-down menu, if necessary.

The EBS market data sessions for the company display.

2. Select **Create New Market Data Session**.

3. Enter the session details.

- **Environment** - NEWRELEASE
- Globex Firm
- **Number of Sessions** - 1 or 2
- **Business Rationale / Background**

4. Select **Proceed**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the newly created session appears in the list on the **EBS Market Data Sessions** page, with an assigned Session ID.

Generating Keys for EBS Market Data Sessions

See: "Secure Key Pairs"

▷ **To generate keys for EBS Market Data sessions**

1. Select a session ID(s).
2. Select **Manage Keys for Selected Session(s)**.
3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

If you did not receive the security code, select **Resend Code**.

9. Click **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for EBS Market Data Sessions

See: "Secure Key Pairs"

▷ **To delete keys for EBS Market Data sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for EBS Market Data Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for EBS Market Data sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

EBS Drop Copy Sessions

Using the **EBS Requests - Drop Copy Sessions** page, authorized users can create sessions that utilize the Drop Copy service to receive trading activity communications via the iLink order entry gateway. To receive trading activity messages at multiple related entities, configure EBS Drop copy sessions (target sessions) with one or more source sendercomp sessions.

Users must generate secure key pairs for authentication during the EBS Request - Drop Copy secure logon.
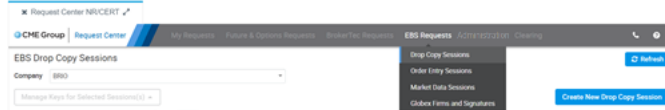
The following functions are available on the **EBS Requests - Drop Copy Sessions** page:

- Creating an EBS Drop Copy Session
- Generating Keys for EBS Drop Copy sessions
- Deleting Keys for EBS Drop Copy sessions
- Downloading Keys for EBS Drop Copy sessions

Creating an EBS Drop Copy Session

On the **EBS Requests - Drop Copy Sessions** page, users can create a new EBS Drop Copy session to receive direct trading activity messages.

> ℹ **Note:** Before creating Drop Copy sessions, ensure you have already created a Globex Firm ID, a Globex User Signature and at least one iLink session.

▷ **To create an EBS Drop Copy session:**

1. Make a selection in the **Company** drop-down menu, if necessary.
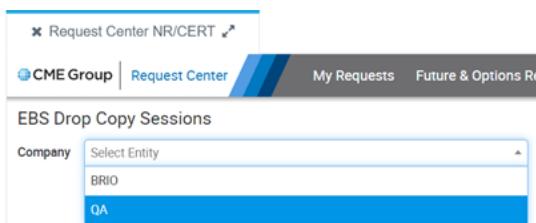
2. Select **Create New Drop Copy Session**.

3. Make selections in the drop-down menus:

- **Session Type** - Convenience Gateway, Market Segment Gateway
- **Market** - New York, London, Tokyo
- **Environment** - NEWRELEASE
- **Number of Sessions** - 1 or 2
- **Business Rationale/Background**

4. Select **Add Source SenderComps**.

5. Select **Source SenderComps** checkboxes and select **Add**.

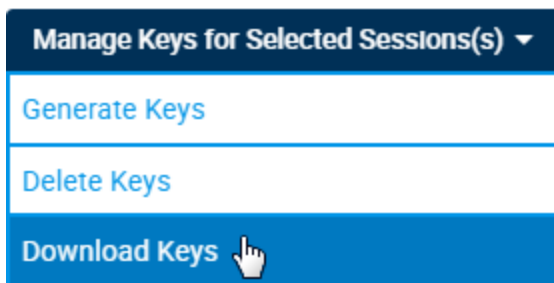The selected source SenderComps appear in the list.

6. Click **Submit**.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

After requests are submitted, they will have a status of In-Progress until they are processed daily beginning at 4pm CT. Then they are processed and assigned a status of Completed or Failed. If a request fails, the reason for the failure will be included in the request details on the My Requests page.

After validation and setup, the status changes to **Completed** and the Drop Copy session appears in the list on the Drop Copy Sessions page.

> **Note:** The Drop Copy IP and port information will be made available on the Request Center NR/CERT once the session(s) creation has been completed.

Generating Keys for EBS Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To generate keys for EBS Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Select **Generate Keys**.

4. If prompted, select a key(s) to be deleted immediately and select **Delete Selected Key(s) and Proceed**.

5. The **Generate New Keys** window displays any existing key IDs.

- **Existing Key ID to be expired in 4 weeks**
- **Existing Key ID to be deleted Immediately** - this key id (selected in the previous step) will be deleted immediately upon creation of a new key id.

Click **Generate Key(s)**.

6. A notification at the top of the screen and the **Download Keys** window are displayed. An email notification is sent to the registered email address.

7. Click **Download All Key(s)**.

8. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

9. Select **Download All Key(s)**.

10. Select a destination for the file if your web browser requires.

11. Open the saved file to view the secure key pair(s).

Deleting Keys for EBS Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To delete keys for EBS Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Delete Keys**.

If there is more than one key for a session, select the key(s) to be deleted.

4. Click **Delete Key(s)**.

5. In the confirmation window, select **Delete Key(s)** again.

6. A notification displays at the top of the screen. An email notification is sent to the registered email address.

Downloading Keys for EBS Drop Copy Sessions

See: "Secure Key Pairs"

▷ **To download existing keys in text format for EBS Drop Copy sessions**

1. Select a session ID(s).

2. Select **Manage Keys for Selected Session(s)**.

3. Click **Download Keys**

4. Click **Download All Keys**.

5. Enter the security code that was sent to your device.

   If you did not receive the security code, select **Resend Code**.

6. Click **Download All Key(s)**.

7. Select a destination for the file if your web browser requires.

8. Open the saved file to view the secure key pair(s).

Self Match Prevention

CME Globex Self-Match Prevention (SMP) is optional functionality that allows market participants to prevent the matching of orders for accounts with common ownership, within and across different Globex Firm IDs (GFID) and/or clearing firms.

Use the Request Center Self Match Prevention function to create a SMP ID, for testing in the certification / new release environment.

> **Note**: For additional details, see CME Globex Self- Match Prevention Functionality - Frequently Asked Questions. In the Production environment SMP ID registration is performed on the Firm Administrator Dashboard (FADB).
> **See also**: FADB Self-Match Prevention instructions.

Enabling Self Match Prevention

▷ **To create a Self-Match Prevention ID:**

1. From the *Request Center >* *Futures & Options Requests*

 / BrokerTec Requests

 / EBS Requests menu, select **Self Match Prevention**, then select a **Company** and **Environment** on the page that appears.

2. Select **Create a New SMP ID** button, enter the three character **Globex Firm ID** (position 4-6 of tag 49 / 56 - Sender-CompID / TargetCompID).

   Repeat as necessary to add additional GFIDs.

A SMP ID is automatically assigned to the request and confirmation message appears after submission.

ⓘ   **Note**: SMP ID assignments are effective after 4:00 pm CT daily and available for the next trading session.

Updating Firm ID

▷ **To update Firm ID:**

A function is available to update GFIDs associated with SMP IDs; add, delete.

1. From the *Self Match Prevention* page, select the checkbox for a SMP ID to update.

2. Select a **SMP ID** (checkbox) from the list, then select **Actions for the selected SMP ID** > **Update Firm ID**.

3. On the *Update SMP ID* dialog, enter or delete **GFIDs** associated with the selected SMP ID.

Administration

The **Administration** menu is used by the AutoCert+ administrator at your firm to manage the following self-service entity functions:
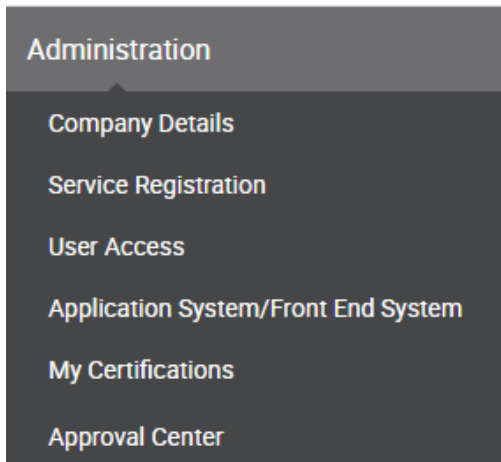
a. Company Details: submit a form to register a company

b. Service Registration: register a service

c. User Access: add users that will be able to perform certification testing

d. Application Systems: add application systems that can be used during certification testing

- Front End Systems: view the status of certification testing by front end systems for available test suites; resend a certification completion email

e. My Certifications:

- View front end test suite system certifications status.

- For a given application system, resend test suite completion email.

f. Approval Center: View a list of approved entity requests for the last 30 days.

Company Details

Users may submit company details for the first time or update existing company details.

- Current customers with an existing company profile can request entitlements to access additional markets for testing by updating company details and adding CME F&O, BrokerTec and/or EBS markets.

- New customers who do not yet have a company profile can submit company details for CME F&O, BrokerTec, and/or EBS markets for testing, as needed.

Company Details requests must have a status of Submitted before you can submit other requests such as: service registration, new user or application system requests. A company that already exists in AutoCert+ but has incomplete information will be required to submit the Company Details form before proceeding with additional requests.

- Submitting a Company Details Form

- Updating Company Details

Submitting a Company Details Form

▷ **To submit a Company Details form:**

1. From the **Administration** menu, select **Company Details**.

2. Select a company in the "Company" drop-down.

3. Select "Add Company Details."

4. The **Company Details Form** dialog displays.

Enter the following information:

- **Full Legal Name of Entity or Company** - Official name of the person or entity that owns the business.

- **Entity/Company Type** - Official name of the person or entity that owns the business.

  (Asset Manager, Bank, Commercial/Corporate, Exchange, FCM, Hedge Fund, IB, ISV, Market Data Vendor, Prop Firm, Retail, Risk Management Vendor, Other)

- **Company Headquarters Region** - Region (Americas, Emerging Markets Europe, MiddleEast Africa (EMEA) or Asia Pacific (APAC)) considered to be the business' most prestigious location which may include where the majority of its employees work.

- **Business Contact Name** - Individual at firm who gives or receives specific information to/from CME Group.

- **Business Contact Phone** - Main phone number of the Individual at a firm who gives or receives specific information to/from CME Group.

- **Business Contact Email** - Email address of the Individual at a firm who gives or receives specific information to/from CME Group.

- **Firm Legal Entity Identifier (LEI) or** Tax ID - 20-character alpha-numeric identifier that identifies distinct legal entities that engage in financial transactions.**LEI Issuer/Jurisdiction** - Also known as a Local Operating Unit (LOU) which supplies registration, renewal, and other services, and acts as the primary interface for **legal entities** wishing to obtain an LEI.

  (CICI Utility, WM Datenservice, INSEE, London Stock Exchange, Takasbank)

- **Market** - BrokerTec, Futures & Options, EBS

- **Notes** - Any additional information that might be helpful that is not already specified in the other fields.

5. Select **Submit**.

The request is then routed to the Global Account Management (GAM) team for approval. You will receive an email with the status of the request (Approved, Denied) when the request has been processed.

Updating Company Details

▷ **To update Company Details:**

1. From the **Administration** menu, select **Company Details**.
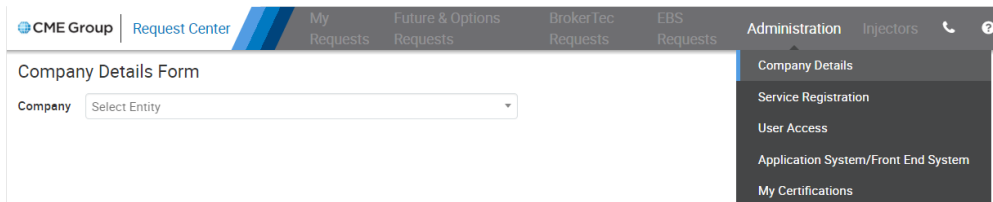
2. Select a company in the "Company" drop-down.

3. Select a company in the list with a status of approved (the most recent if there are multiple).

4. Select "Edit."

5. The **Company Details Form** dialog displays.

Update the following information as needed:

- **Full Legal Name of Entity or Company** - Official name of the person or entity that owns the business.

- **Entity/Company Type** - Official name of the person or entity that owns the business.

  (Asset Manager, Bank, Commercial/Corporate, Exchange, FCM, Hedge Fund, IB, ISV, Market Data Vendor, Prop Firm, Retail, Risk Management Vendor, Other)

- **Company Headquarters Region** - Region (Americas, Emerging Markets Europe, MiddleEast Africa (EMEA) or Asia Pacific (APAC)) considered to be the business' most prestigious location which may include where the

majority of its employees work.

- **Business Contact Name** - Individual at firm who gives or receives specific information to/from CME Group.

- **Business Contact Phone** - Main phone number of the Individual at a firm who gives or receives specific information to/from CME Group.

- **Business Contact Email** - Email address of the Individual at a firm who gives or receives specific information to/from CME Group.

- **Firm Legal Entity Identifier (LEI) or** [Tax ID] - 20-character alpha-numeric identifier that identifies distinct legal entities that engage in financial transactions.**LEI Issuer/Jurisdiction** - Also known as a Local Operating Unit (LOU) which supplies registration, renewal, and other services, and acts as the primary interface for **legal entities** wishing to obtain an LEI.

  (CICI Utility, WM Datenservice, INSEE, London Stock Exchange, Takasbank)

- **Market** - BrokerTec, Futures & Options, EBS

- **Notes** - Any additional information that might be helpful that is not already specified in the other fields.

5. Select **Submit**.

   The request is then routed to the [Global Account Management (GAM)] team for approval. You will receive an email with the status of the request (Approved, Denied) when the request has been processed.

Service Registration

> ℹ **Note:** Service registration forms can be submitted once the [company details] request has a status of Submitted.

▷ **To submit a service registration form:**

1. From the **Administration** menu, select **Service Registration**.
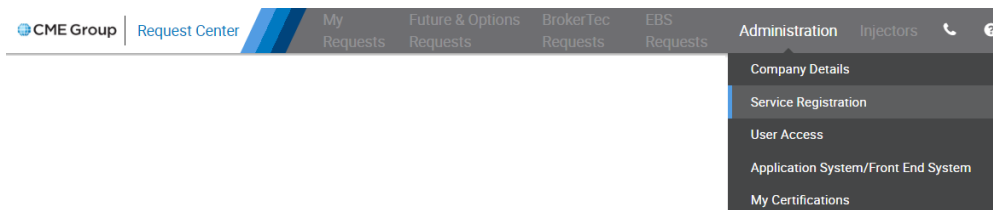
2. Select a company in the "Company" drop-down.

3. Select "Add Service Registration."
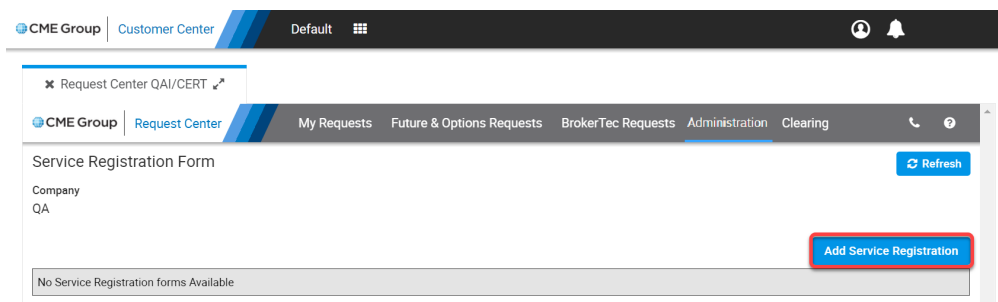
4. The **Service Registration Form** dialog displays.

Enter the following information:

- **Which CME Service will be developed to or tested?** - CME Group provides a critical array of services for trades transacted upon CME trading platforms and reported to CME Clearing.

  (STP)

- **Full Legal Name of Entity or Company** - CME Group provides a critical array of services for trades transacted upon CME trading platforms and reported to CME Clearing.

- **Developer / Tester CME Group ID** - ID of the individual developing and/or testing an application, which is created by an individual but assigned by CME Group to access specific CME Group applications and services. The CME STP Trade View interface requires a CME Group Login ID to be specified for all Verification Officers and Application Users. Please ensure each of these individuals has created and activated a CME Group Login ID through the CME Group Login Registration Process.

- **Preferred Protocol (Select One)** - FIX or FIXML are the 2 preferred protocols for CME STP. (FIX) protocol is an electronic communications protocol initiated in 1992 for international real-time exchange of information related to securities transactions and markets. FIXML is the XML encoding used within FIX & is widely adopted for derivatives post trade clearing, settlement & reporting. 4 attributes (FIX version number, Schema Release Date, FIXML Extension Version & Custom Application Version) must be included on the FIXML element of each message sent to the CME STP and will appear on all FIXML messages sent by the API.

- **Business Rationale**

- **Are you utilizing an ISV?** - More information is needed pertaining to the Vendor being used if the answer to this question is 'Yes' and will appear below.

- **ISV Firm Name** - Name of the Independent Software Vendor offering the application service.

- **Is this a Hosting ISV?** - Independent Software Vendor who offers and supports the application system within its own dedicated environments and/or service.

- **Is Support available during all Trading Hours?** - Hours which CME Group are opento conduct trading across its various venues which include Globex, ClearPort & Floor vary by product and venue.

- **Trade Submission Venue (Select all that apply).** - Describes the trade submission models (Dual-Side or Single-Side) supported by CME ClearPort. Dual-Side Trade Submissions include buy side and sell side details of the trade to be cleared by CME Clearing. Single-Side Trade Submissions involve details for only single-sided trades.

(Globex, ClearPort, CME STP Bace)

- **Other Comments**
- **SenderSub ID (STP API ID)** - SenderSubID is AKA Tag 50 ID and STP API ID. A Tag 50, or Operator ID, is a user ID that uniquely identifies a party that accesses and submits messages to CME Globex. The clearing member who guarantees the CME Globex connection for the party is responsible for ensuring the uniqueness of the Tag 50 ID issued to the party. For purposes of Straight Through Processing (STP) the Sender Sub ID indicates the assigned value used to identify specific message originator (user) within a firm. This value must match the username sent via HTTP Basic authentication, must be in all uppercase letters & is required in all messages sent by FIX Clients to CME STP & always is unencrypted.
- **Client Software Solution Type (Select all that apply). Required for entitlements** - Trading Firm (R="7"), Broker Firm (Name of Broker Firm for the Reporting Trading Firm) (R="30"), Asset Management Firm (Name of Asset Manager for the Reporting Trading Firm) (R="49").

5. Select **Submit**.

   The request is then routed to the Global Account Management (GAM) team for approval. You will receive an email with the status of the request (Approved, Denied) when the request has been processed.

Users

The **Users** page is used to add users that can be used for certification testing.

> **Note:** User forms can be submitted once the company details request has a status of Submitted.

▷ **To add a user:**

1. From the **Administration** menu, select **Users**.
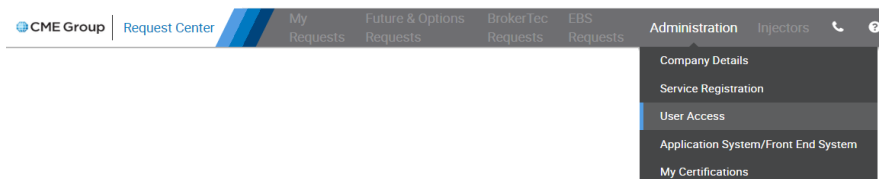
2. Select a company in the "Company" drop-down.

3. Select **Add User**.
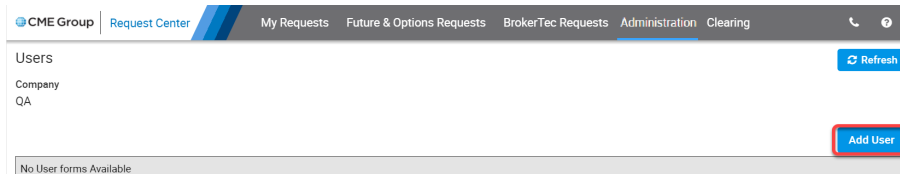
   The CME Group Login Lookup dialog displays.

CME Request Center NR/Cert

4. Enter a registered CME Group Login and proceed to the next step.

    OR

    Select the link to create a new CME Group Login. Then return to the beginning of this procedure.

5. Select **Look Up**.

    The **User Form** dialog displays with pre-filled information for the following fields:

    - **Testing User Full Name**
    - **CME Group Login ID** - Self-managed, centralized user profile service for authenticating access to CME Group content and tools.
    - **Email Address**
    - **Phone Number**
    - **City**
    - **Country**

- 112 - User Manual

6. Select a **Time Zone** (e.g. "GMT -6") and enter a **Business Rationale**.

7. Select **Submit**.

8. A notification displays.

9. Select **Refresh** .

   The added user displays in the list.

   After user requests are submitted, they remain in the Submitted state until they are Approved by your Global Account Manager.

10. Select a user in the list to view details.


   The request is then routed to the Global Account Management (GAM) team for approval. You will receive an email with the status of the request (Approved, Denied) when the request has been processed.

Application Systems

The **Application Systems** page is used to add application systems that can be used for certification testing and represents the system name and version being certified for a particular API.

> **Note:** Application system forms can be submitted once the company details request has a status of Submitted.

▷ **To add an application system:**

1. From the **Administration** menu, select **Application System / Front End System**.

CME Request Center NR/Cert

2. Select a company in the "Company" drop-down.

3. Select "Add Application System."

The **Application System Form** dialog displays.

4. Enter the following information:

- **Market** - BTEC US/EU, EBS, Futures and Options

- **Purpose** - Self-managed, centralized user profile service for authenticating access to CME Group content and tools.

> ⓘ **Note:** If you select more than one Purpose, a separate system profile is created for each Purpose (Order Entry, Market Data, Drop Copy, etc…). All will have same name and version number. If the name/version is different, please add additional Application Systems after the profile is complete.

- **Type** - Describes various application system types associated with certifications pertaining to order entry, Drop Copy, market data & audit trail. See Application System Types.

- **Application System Name** Free text string of 30 alpha-numeric characters which provides the name of the application system being used to generate FIX application messages. This will normally be a trading system, OMS, or EMS. For iLink 2.X this tag is required on the Logon (tag 35-MsgType=A) message header only. For iLink 3 this tag is required on the 35=Establish message only.

- **Application System Version** - Free text string of 10 alpha-numeric characters which provides the version of the application system being used to initiate FIX application messages. For iLink 2.X this tag is required on the Logon (tag 35-MsgType=A) message header only. For iLink 3 this tag is required on the 35=Establish message only.

- **Application System Vendor** -Free text string of 10 alpha-numeric characters which provides the vendor of the application system. For iLink 2.X this tag is required on the Logon (tag 35-MsgType=A) message header only. For iLink 3 this tag is required on the 35=Establish message only.

- **Category** - Describes various categories associated with certifications pertaining to order entry, Drop Copy, market data & audit trail.

  (Accelerator, Audit Trail, Broker System, CME System (CME Direct), ISV System, Library, Prop System, Quote Vendor Only)

- **Usage** - Describes various categories associated with certifications pertaining to order entry, Drop Copy, market data & audit trail.

  (Certification, Testing)

  > ℹ️ **Note:** An application system with Testing selected as the Usage cannot be used to complete certification.

- **Application System Commercial Name** - Arbitrarily adopted name given by the owner of the application system to distinguish it as produced or sold by the owner as well as possibly protected by trademark.

- **Brief Description** - Provides a description of the application system offering(s) and capabilities.

- **Is this a Third Party Application meant for distribution to customers?** - Application system that is intended to be freely distributed or sold by an entity other than the original vendor of the development platform.

  - **End user able to make changes to the Application System other than necessary configuration values?** - Signifies if end users of the application system have the ability to make material changes in the logic or code used by the application system.

  - **If the Application System has or intends to certify to iLink or Drop Copy, are all of the 1600 Tag Values locked? (End user unable to alter values).** - Do end users of the application system have the ability to alter the values used in Tag 1603 (Application System Name), Tag 1604 (Application System Version) and Tag 1605 (Application System Vendor).

  - **Upload a document that visually describes how the customer/customer's system will use/interact with the Application System** - Visual diagram which helps CME to understand how the application system used by the end client interacts with CME Globex and/or STP.

- **Business Rationale**

- **IP Address (for STP FIX Clients only)** - TCP/IP over SSL is required to establish physical connection to CME STP FIX

- **External development Firm Name: (firm name that has been contracted to develop a proprietary application on the company's behalf)**

5. Select **Submit**.

6. A notification displays.

The application system displays in the list.

Select the request in the list to view details.

Select "Download" to download the PDF if a file was attached to the request.

 After application system requests are submitted, they remain in the *Submitted* state until *Approved* by the AutoCert+ administrator at your firm or CME Group Global Account Management.

Application System Types

The following types are available in the "Application System Form" when adding an application system.

- **Automated Trading System** - A trading method in which a computer makes decisions and enters orders without human intervention. This is a programmatic way of representing the trader.

- **Client Systems Security Ecosystem** - Test suite enables companies to verify with CME Group that the client systems security ecosystem requirements have been completed. Client systems security ecosystem requirements include strong passwords, encryption of confidential and sensitive data and two-factor authentication.

- **Non-Automated Trading System** - Orders that are submitted to CME Globex by an individual directly entering the order into a front-end system, typically via keyboard, mouse or touch screen, and which is routed in its entirety to the match engine at the time of submission.

- **Quote Vendor System** - Application system developed by a 3rd party which disseminates the actual price, bid, or asked price of cash commodities or futures contracts but does not provide order entry capability.

- **Semi-Automated Trading System** - Trading system that is not fully automated and still requires some human inter-action.

My Certifications / Front End Systems

The **My Certifications / Front End Systems** page is used to:

- [View the status of certification testing by front end systems for available test suites](#)

- [Resend the certification test suite completion email for an application system](#)

> ⓘ **Note:** Only front end systems that the logged in user is permissioned for in AutoCert+ will display.

Viewing Certification Testing Status

▷ **To view certification testing status:**

1. From the **Administration** menu, select **Application System / Front End System**.
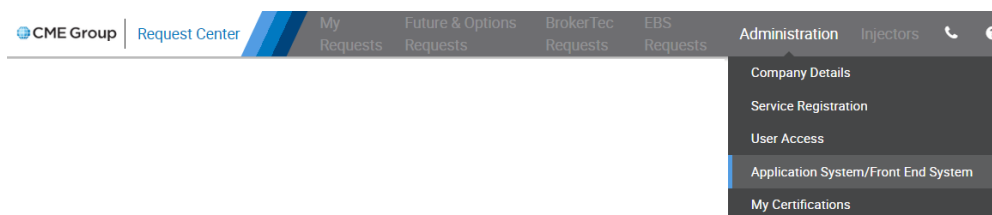
2. Select a **Company** and **Market** in the drop-down.
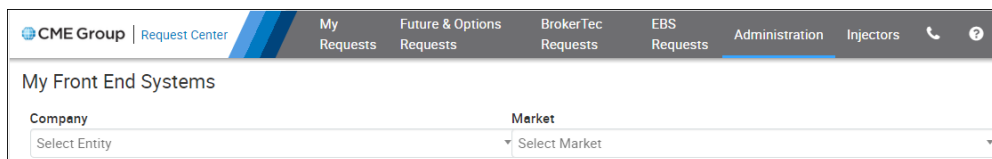
A list of front end systems and the certification test suites that the applications are certified to are displayed.

Resending a Certification Completion Email

▷ **To resend a certification completion email:**

1. [View certification testing status](#).
2. Select **Resend Certification Email**.
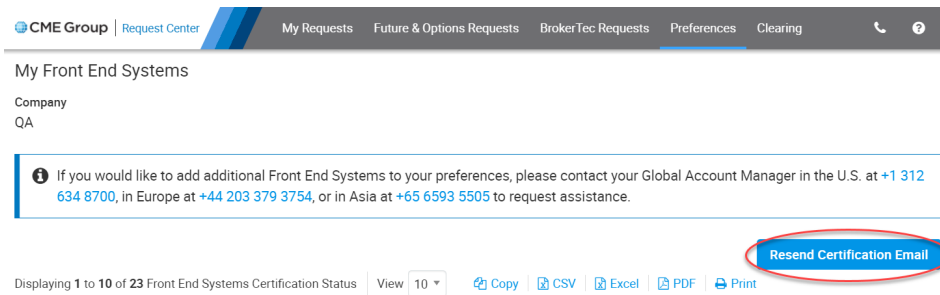
3. Select an "Application System" .

The "Test Suite" drop-down list is populated with the completed test suites for the selected application system.

4. Select a "Test Suite".

5. Select **Submit**.

6. A notification displays.
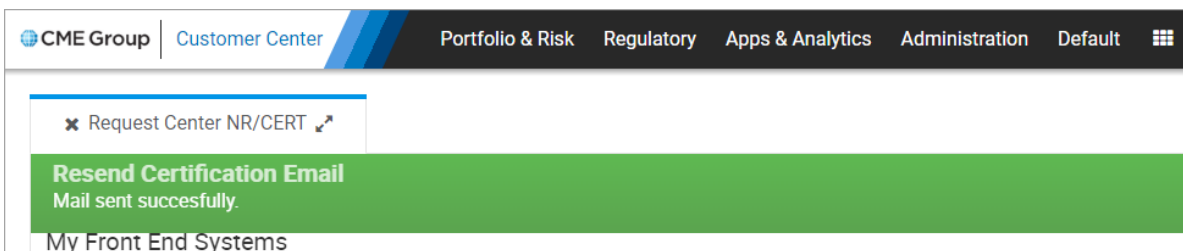
The certification completion email is resent to the registered email address.

Approval Center

Using the Approval Center function, authorized firm administrators can view a list of submitted user access requests for their entity and recently approved entity user requests.

▷ **To access the Approval Center:**

1. From the CME Customer Center menu, select **Administration** > **Request Center NR/CERT**.
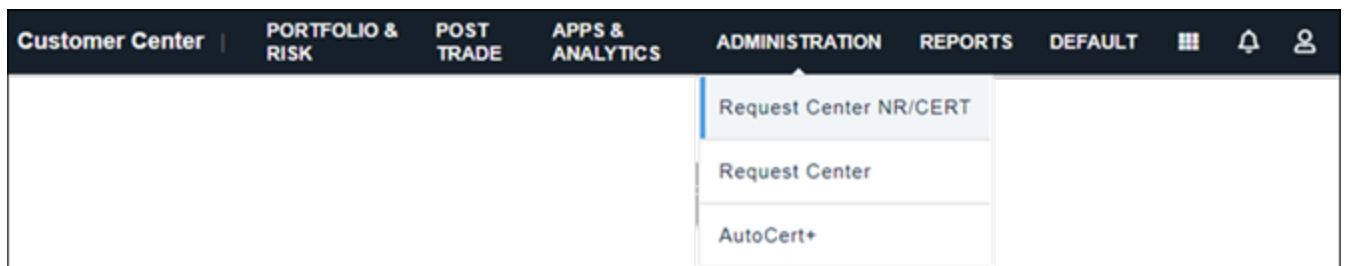
2. From the Request Center menu, select **Administration** > **Approval Center**.
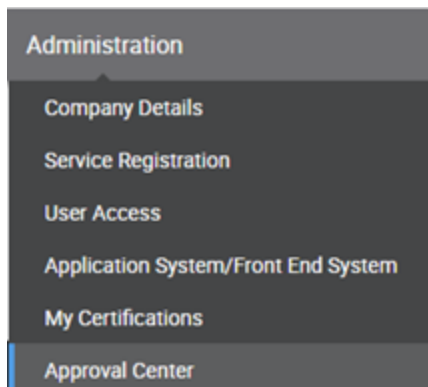
Approval Center functions

Approval Center

Company
TEST

Displaying **1** to **2** of **2** Submitted Request | View ▾

a

Copy | CSV | P

b

ID	Company	Request Type	Environment	Firm Type ▾	Requester	Reviewer	Request Date	Statu
🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍
12345	TEST	User Access	NA	NA	Sally Speculator	Andy Admin	02 Mar 2023, 09:12 CST	Subm
67890	TEST	User Access	NA	NA	Tom Tester	Andy Admin	05 Dec 2023, 02:40 CST	Subm

Displaying **1** to **3** of **18** Approved Request | View ▾

Copy | CSV | P

c

ID	Company	Request Type	Environment	Firm Type	Requester ▾	Requested Date	Reviewed By	Reviewed Date	Status	A D
🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍
1603	TEST	User Access	NA	NA	Tom Tester	04 May 2020, 07:25 CDT	Andy Admin	04 May 2020, 00:00 CDT	Approved	0 2 C
20527	TEST	User Access	NA	NA	Tom Tester	22 Oct 2021, 04:09 CDT	Andy Admin	22 Oct 2021, 00:00 CDT	Approved	2 0
20570	TEST	User Access	NA	NA	Tom Tester	25 Oct 2021, 06:44 CDT	Andy Admin	25 Oct 2021, 00:00 CDT	Approved	2 0

« First   ‹ Previous   **1**   2   3   4   5   6   Next :
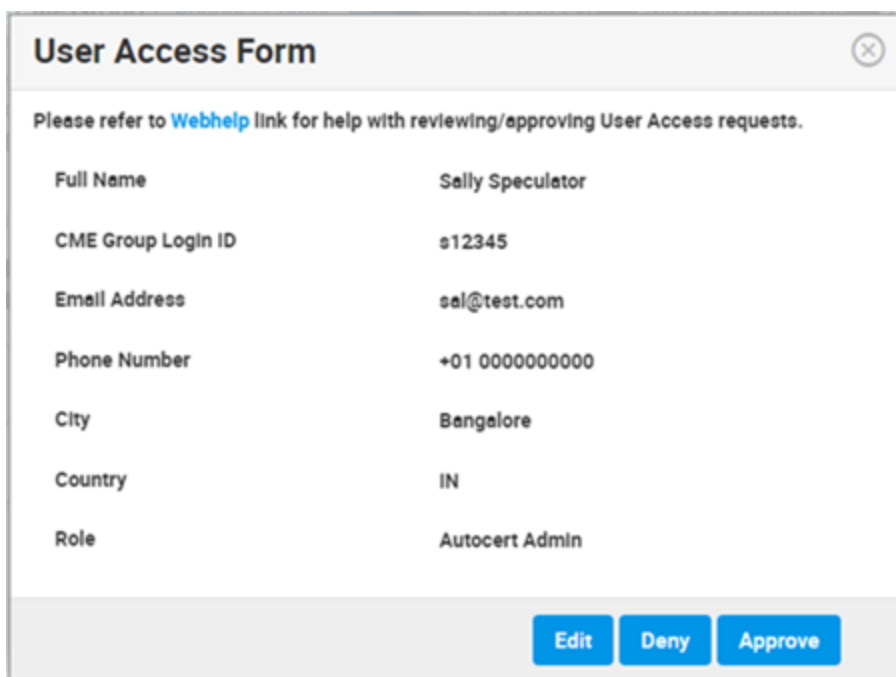
a. **Request Center table**: Export, print, sort, search results.

b. **Submitted Requests**: An authorized firm administrator can select a request to assign a decision or edit request details.
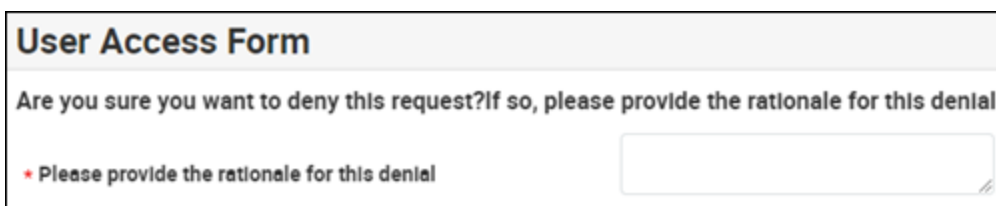
- **Approve** - Approves user access, a confirmation banner appears and email is sent to the requestor.

- **Deny** - Enter a reason for denial then confirm the selection by selecting *Yes*.

  A confirmation banner appears and email is sent to the requestor.

- **Edit** - Allows an authorized firm administrator to update the assigned *Role*, *Time Zone* and enter *details* for the requestor to determine why a different role was assigned.

c. **Approved Requests**: View the details of submitted requests, including the assigned firm administrator decision and reviewer/approver.

Injectors

Using **Injectors** functionality, authorized users can submit self-service injector requests to receive matched trade information for testing in the Certification and New Release environments.

Self-Service Injector Requests

Using **Self-Service Injectors** functionality, authorized users can submit three types of requests for trade information to be used during certification testing in the New Release and Certification environments.

- **Live Market Data Request** - to receive mock trading market data
- **Live Clearing Trade Request** - to receive mock trading clearing information
- **Historical Clearing Trade Request** - to receive historical clearing trade information from the Production environment

Users must have access to FECPlus CERT with Firm ID entitlements before submitting self-service injector requests for **Live Clearing Trade** and **Historical Clearing Trade** information. Contact Enterprise Application & System Entitlements (EASE) to request Firm ID entitlements in FECPlus CERT.

> **(i)** **Note:** FECPlus CERT access is not required for Live Market Data requests.
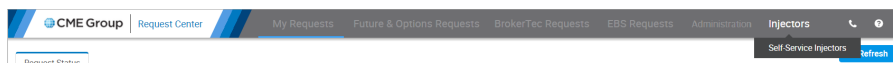
- Creating Live Market Data Requests
- Creating Live Clearing Trade Requests
- Creating Historical Clearing Trade Requests
- Contract Naming Convention
- Accessing Matched Trade Information

See also: Error Messages

Creating Live Market Data Requests

All registered AutoCert+ users have access to CME Request Center NR/Cert. Contact your Global Account Manager (GAM) to request access to AutoCert+ and associate your account with the correct companies in CME Request Center NR/Cert.

▷ **To create a Live Market Data Request:**

1. Select **Create Request** ( ).
2. Select the **Live Market Data Request** tab.
3. Enter / select **Live Market Data Request** details.

   - **Target Environment**: The environment in which the test trades will be injected (CERT / NR)
   - **Market**: Available selections:

     - *BrokerTec EU/US*

     - *Futures & Options*

EBS

- **Market Segment** (BrokerTec EU/US only): Available selections:
  - UST (40) - then **Enter Long Name** (textual description for a financial instrument)
  - US Repo (42) - then **Select All-or-None status**: Yes / No *and* **Long Name**
  - EU Bonds (44) - then **Enter Long Name**
  - EU Repo (46) - then **Select All-or-None status**: Yes / No *and* **Long Name**

  After entering the long name, the full term code will appear.
- **Contract (Globex Code)** (Futures and Options / EBS): See <u>Contract Naming Convention</u> (e.g. GEZ9)
- **Long Name** (BrokerTec): Long Name of the Financial Instrument. See also - <u>MDP 3.0 - Market Data Security Definition</u>
- **eFIX** (EBS only): See <u>EBS eFix Matching Service</u>
- **Number Of Orders - 1, 5, 10**
- **Quantity**
- **Price**

4. Select **Submit**.

5. The request will be displayed on the Self-Service Injector Requests page.

Request ID ▾	Requester	Request Type	Trade Environment	Trade Venue	Firm Exchange	Firm ID	Status	Requested Date	Last Updated Date	Comments
40420	User1	Live MD Request	CERT	NA	NA		Submitted	03 Jun 2021, 17:10 CDT	03 Jun 2021, 12:11 CDT	NA
40302	User2	Live Clearing Trade Request	NEWRELEASE	NA	NA		Processed	01 Jun 2021, 18:14 CDT	01 Jun 2021, 13:14 CDT	NA
40085	User3	Historical Clearing Trade Request	NEWRELEASE	NA	NA		Processed	26 May 2021, 10:50 CDT	26 May 2021, 05:50 CDT	NA

> ⓘ **Note:** Self-service injector requests will not be displayed on the My Requests page.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

The Self-Service Injector Request has been submitted
Request 18590
You can check the status of this request in Self-Service Injector Requests Page.

After requests are submitted, they will enter the Submitted state. Next, the requests will enter the Processing and then Processed states. If a request fails, the reason for the failure will be included in the Comments column on the Self-Service Injector Requests page.

Creating Live Clearing Trade Requests

Users must have access to FECPlus CERT with Firm ID entitlements before submitting self-service injector requests for **Live Clearing Trade** and **Historical Clearing Trade** information. Contact Enterprise Application & System Entitlements (EASE) to request Firm ID entitlements in FECPlus CERT.

▷ **To create a Live Trade Request:**

1. Select **Create Request** (Create Request).

2. Select the **Live Clearing Trade Request** tab.

3. Enter the **Live Clearing Trade Request** details.

- **Target Environment** - The environment in which the test trades will be injected (NR, CERT)

- **Market**:

  - *Futures & Options*

  - *BrokerTec EU/US*

EBS

- **Market Segment** (BrokerTec EU/US only): Available selections:
  - UST (40) - then **Enter Long Name** (textual description for a financial instrument)
  - US Repo (42) - then **Select All-or-None status**: Yes / No *and* **Long Name**
  - EU Bonds (44) - then **Enter Long Name**
  - EU Repo (46) - then **Select All-or-None status**: Yes / No *and* **Long Name**

  After entering the long name, the full term code will appear.

- **Long Name** (BrokerTec): Long Name of the Financial Instrument. See also - MDP 3.0 - Market Data Security Definition
- **Contract (Globex Code)** (Futures and Options / EBS): See Contract Naming Convention (e.g. GEZ9)
- **eFIX** (EBS only): See EBS eFix Matching Service
- **Clearing Firm ID**

  > **Note:** If the desired Firm ID is not listed in the drop-down, contact Enterprise Application & System Entitlements (EASE) to get entitlements for that Firm ID in CERT FECPlus. You can also create a Globex Firm ID for Futures & Options in the Request Center NR/CERT for submitting a Live Clearing Trade Request.

- **Clearing Account**
- **Give-up Firm**: Executing firm ID to which the fill is *given up*
- **CtiCode**: 1, 2, 3, or 4
- **Number of Trades**: Number of trades to be injected - 10, 20, 50, 100, 200

3. Select **Submit**.

4. The request will be displayed on the Self-Service Injector Requests page.

Request ID ▾	Requester	Request Type	Trade Environment	Trade Venue	Firm Exchange	Firm ID	Status	Requested Date	Last Updated Date	Comments
40420	User1	Live MD Request	CERT	NA	NA		Processed	03 Jun 2021, 17:10 CDT	03 Jun 2021, 12:11 CDT	NA
40302	User2	Live Clearing Trade Request	NEWRELEASE	NA	NA		Submitted	01 Jun 2021, 18:14 CDT	01 Jun 2021, 13:14 CDT	NA
40085	User3	Historical Clearing Trade Request	NEWRELEASE	NA	NA		Processed	26 May 2021, 10:50 CDT	26 May 2021, 05:50 CDT	NA

> ℹ️ **Note:** Trade injector requests will not be displayed on the My Requests page.

A notification displays at the top of the screen. An email notification is sent to the registered email address.

> **The Self-Service Injector Request has been submitted** ✕
> Request 18590
> You can check the status of this request in Self-Service Injector Requests Page.

After requests are submitted, they will enter the Submitted state. Next, the requests will enter the Processing and then Processed states. If a request fails, the reason for the failure will be included in the Comments column on the Self-Service Injector Requests page. After a self-service injector request has been successfully processed, the matched trade information must be accessed using FECPlus in the target environment (CERT or NR) indicated in the request.

Creating Historical Clearing Trade Requests

Users must have access to FECPlus CERT with Firm ID entitlements before submitting self-service injector requests for **Live Clearing Trade** and **Historical Clearing Trade** information. Contact Enterprise Application & System Entitlements (EASE) to request Firm ID entitlements in FECPlus CERT.

▷ **To create a Historical Clearing Trade Request:**

1. Select **Create Request**(Create Request).
2. Select the **Historical Clearing Trade Request** tab.
3. Enter the **Historical Clearing Trade Request** details.

- **Target Environment** - The environment in which the test trades will be injected (NR, CERT)
- **Trade Venue**
- **Trade Type** - e.g., OUTRIGHT, SLED

- **Firm Exchange** - e.g., CME, CBOT, NYMEX
- **Firm ID**

> ⓘ **Note:** If the desired Firm ID is not listed in the drop-down, contact Enterprise Application & System Entitlements (EASE) to get entitlements for that Firm ID in CERT FECPlus.

- **Use Firm ID for Source Trade** - Indicates whether or not the Firm ID will be used as search criteria for the source trade
- **Source Trader ID**

> ⓘ **Note:** If the Trade Type is SLED, a Source Trader ID must be entered.

- **Source Trade Date For Full Day Injection**
- **Product Exchange**
- **Product Type**
- **Product Symbol** - Clearing product symbol
- **Period Code**
- **Option Type**
- **Strike Price**
- **Source Customer Account**
- **CTI Origin**
  - Customer = Customer of a trading member firm or clearing member firm.
  - House = Trading member firm or clearing member firm.
- **Inject Trade Count** - Number of trades to be injected

> ⓘ **Note:** You are limited to 50,000 trades per hour.

- **Inject Trade Date** - Trade date of the trades to be injected
- **Inject Trader ID** - Trader ID for the trades to be injected
- **Inject Customer Account** - Customer account for the trades to be injected

3. Select **Submit**.

4. The request will be displayed on the Self-Service Injector Requests page.

> ⓘ **Note:** Self-service injector requests will not be displayed on the My Requests page.

Request ID ▼	Requester	Request Type	Trade Environment	Trade Venue	Firm Exchange	Firm ID	Status	Requested Date	Last Updated Date	Comments
🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	🔍	
40420	User1	Live MD Request	CERT	NA	NA		Processed	03 Jun 2021, 17:10 CDT	03 Jun 2021, 12:11 CDT	NA
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40085	User3	Historical Clearing Trade Request	NEWRELEASE	NA	NA		Submitted	26 May 2021, 10:50 CDT	26 May 2021, 05:50 CDT	NA

A notification displays at the top of the screen. An email notification is sent to the registered email address.

The Self-Service Injector Request has been submitted
Request 18590
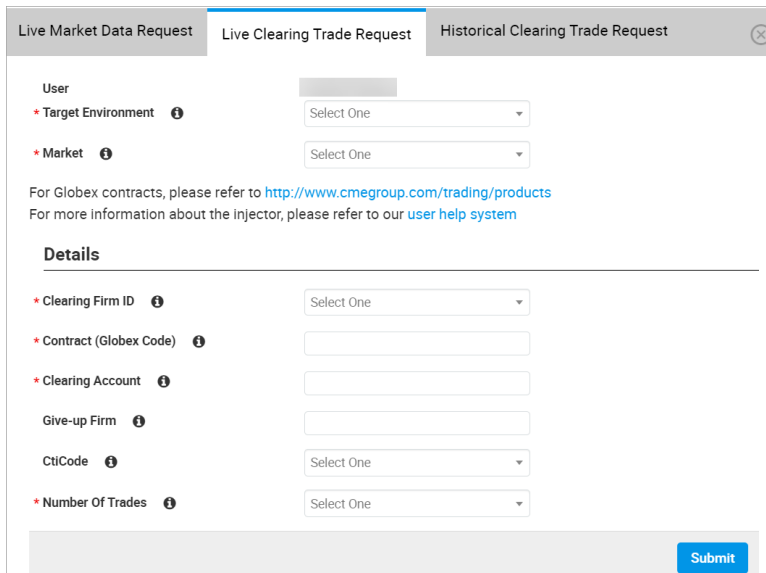You can check the status of this request in Self-Service Injector Requests Page.

After requests are submitted, they will enter the Submitted state. Next, the requests will enter the Processing and then Processed states. If a request fails, the reason for the failure will be included in the Comments column on the Self-Service Injector Requests page. After a self-service injector request has been successfully processed, the matched trade information must be accessed using FECPlus in the target environment (CERT or NR) indicated in the request.

Contract Naming Convention

Examples of contract names are shown below.

Example: Futures Contract Name

Futures contract names consist of: the CME Globex product code, month code and last digit of the contract year.

Eurodollar Future Dec 2019 = **GEZ9**

Product Code	GE	Eurodollar
Month Code	Z	December
Year	9	2019

Example: Options Contract Name

Options contract names consist of: the CME Globex product code, month code, last digit of the contract year, call/put indicator and strike price.

Corn Option March 2019 Call @ 400 = **OZCH9 C400**

Product Code	OZC	Corn Option
Month Code	H	March
Year	9	2019
Call/Put	C	Call
Strike Price	400	400

Accessing Matched Trade Information

After a Self-Service Request has been successfully processed, the matched trade information must be accessed in Front End Clearing Plus (FECPlus) in the target environment (CERT or NR) indicated in the request.

> ⓘ **Note:** To view matched trade information, users must have access to FECPlus CERT.

▷ **To access matched trade information:**

1. Go to one of the following URLs:
   - CERT: logincert.cmegroup.com
   - NR: loginnr.cmegroup.com
2. Login to FECPlus.
3. Access the matched trade information.

   > ⓘ **Note:** Access the FECPlus user manual by selecting the Help link in the FECPlus application.

Error Messages

See the list of errors that you might receive when submitting self-service injector requests and the necessary actions to take below.

Error Message	Action Required
Failed to get sample Outright Trades	No outright trades found. Update your request to match the trades in Production.
Failed to get sample Spreads	No spread trades found. Update your request to match the trades in Production.
Couldn't find product's ISIN from IRIS Product Component API	The product you used to replay was not found. Update your request to match the trades in Production.
Unable to get source trades from production due to outright mapping file issue	
Unable to get source trades from production due to spreads mapping file issue	
Error while fetching Source trades from CDPS in Production.	
Unable to get trades from production due to an exception	Contact Clearing Services for assistance.
Failed to inject OUTRIGHT Trades	
Failed to inject SLED Trades	
TransmitTradesService throws unhandled exception:	
Failed to generate Trades	
Failed to generate Trades as ISIN replacement had errors for all trades.	

Glossary

- **Accelerator** - A special type of expansion card designed specifically for the purpose of accelerating various workloads to achieve ultra-low latency.

- **Affiliate** - Companies in which the parent company owns less than 50% interest. Also used to refer to companies that are related to each other in some way.

- **Algorithm** - Process or set of rules to be followed in calculations or other problem-solving operations which can perform data processing and automated trading.

- **Application Program Interface (API)** - Set of routines, protocols, and tools for building software applications. Specifies how software components should interact.

- **Asset Manager** - Assists and oversees all aspects of the administrative, financial, capital and operations of an assigned portfolio.

- **Audit Trail** - CME, CBOT, NYMEX, COMEX Rule 536.B.2. requires that the electronic audit trail associated with any system that accesses the CME Globex platform through the CME iLink gateway contain a complete and accurate record of all activity through that connection, and account for every electronic communication by the order routing or front-end system from the time such order routing or front-end system receives or generates an electronic communication until it is communicated to CME Globex.

  Firms responsible for the order routing/front-end audit trail of a trading system that accesses CME Globex through the CME iLink gateway must have the ability to display data in the required format.

  Further, the connected entity must ensure that all trading functionality supported by the system is appropriately reflected in the audit trail and the Rule requires that clearing members guaranteeing a connection to CME Globex are responsible for maintaining, or causing to be maintained, the electronic audit trail for a minimum of 5 years by the responsible party as set forth in the Rule.

- **Audit Trail Profile Name** - Free text string of 30 alpha-numeric characters which provides the naming convention that identifies the firm and trading application associated with the audit trail.

- **Audit Trail Profile Relationship** - Identifies the relationship between the audit trail translation tool to the trading application system and there are two options:

  1. One audit trail to one trading application system (one2one): If you chose this type of relationship then only one order entry application may be tied to the audit trail profile.

  2. One audit trail to many trading application systems (one2many): If you chose this type of relationship then more than one order entry application can be tied to the audit trail profile.

- **Audit Trail Profile Version** - Free text string of 10 alpha-numeric characters which provides the version of the audit trail.

- **Audit Trail Types**

  - Order Entry Prop/Audit Trail Prop - Customer using a certified proprietary application for order entry and certifying a proprietary audit trail application.

  - Order Entry Prop/Audit Trail Vendor - Customer using a certified proprietary application for order entry and using a vendor for audit trail.

  - Order Entry Vendor/Audit Trail Prop - Customer using a certified vendor application for order entry and certifying a proprietary application for audit trail.

  - Order Entry Vendor/Audit Trail Vendor - Customer using a certified vendor application for order entry and using a vendor for audit trail.

- **Audit Trail Usage** - Select Certification or Test. Production is reserved for Market Regulation only

- **AutoCert+** - Automated testing tool for validating application functionality which provides an easy-to-use web interface for walking through CME Group certification scenarios.

- **Bank** - Financial institution licensed to receive deposits and make loans.

- **Binary** - Binary code represents text, computer processor instructions, or any other data using a two-symbol system. The binary code assigns a pattern of binary digits, also known as bits, to each character, instruction, etc. and is unable to be altered.

- **Broker System** - Software provided by brokers which is used for User Acceptance Testing (UAT) purposes only. A broker is a person paid a fee or commission for executing buy or sell orders for a customer.

- **Client Systems Security Ecosystem Test** - Test suite enables companies to verify with CME Group that the client systems security ecosystem requirements have been completed. Client systems security ecosystem requirements include strong passwords, encryption of confidential and sensitive data and two-factor authentication.

- **CME System (CME Direct)** - CME developed and supported application system which provides access to futures, options, block and OTC markets on one screen.

- **Commercial** - An entity involved in the production, processing, or merchandising of a commodity.

- **Drop Copy** - Risk management service designed to facilitate real-time monitoring of trading activity on the CME Globex platform. Drop Copy 4.0 sends carbon copies of iLink execution reports, heartbeats and acknowledgement, and trade bust messages for one or many source sessions through a FIX protocol-based messaging interface.

- **Exchange** - Central marketplace with established rules and regulations where buyers and sellers meet to trade futures and options contracts or securities. Exchanges include designated contract markets and derivatives transaction execution facilities.

- **Execution Management System (EMS)** - Designed to display market data and to provide seamless and fast access to trading destinations for the purpose of transacting orders.

- **Futures Commission Merchant (FCM)** - Individual, association, partnership, corporation, or trust that solicits or accepts orders for the purchase or sale of any commodity for future delivery on or subject to the rules of any exchange and that accept payment from or extend credit to those whose orders are accepted.

- **Field-Programmable Gate Array (FPGA)** - Integrated circuit which contains programmable logic blocks and interconnection circuits designed to be configured by a customer.

- **Hedge Fund** - A private investment fund or pool that trades and invests in various assets such as securities, commodities, currency, and derivatives on behalf of its clients, typically wealthy individuals. Some commodity pool operators operate hedge funds.

- **Introducing Broker (IB)** - A person who is engaged in soliciting or in accepting orders for the purchase or sale of any commodity for future delivery on an exchange who does not accept any money, securities, or property to margin, guarantee, or secure any trades or contracts that result therefrom.

- **Independent Software Vendor (ISV) System** - Application system made and sold by an independent 3rd party organization specializing in making and selling software.

- **Library** - A software library generally consists of pre-written code, classes, procedures, scripts, configuration data and more used by computer programs often for software development.

- **Market Data Vendor** - 3rd party which provides market data to financial firms, traders, and investors. The data distributed is collected from sources such as a exchange feeds, brokers and dealer desks or regulatory filings.

- **Order Management System (OMS)** - Electronic system developed to execute trading orders in an efficient and cost-effective manner. Brokers and dealers use order management systems when filling orders for various types of instruments and are able to track the progress of each order throughout the system.

- **Proprietary (Prop) System** - Application system developed and utilized by an organization whose owners, employees, and/or contractors trade in the name of accounts owned by the group and exclusively use the funds of the group for all of their trading activity.

- **Quote Entry** - The ability to submit Mass Quotes into the CME Globex system. The Mass Quote message allows authorized customers to generate two-sided markets on assigned options instruments. A single Mass Quote message can include up to 15 two-sided quotes for single or multiple instruments within the same Product Code.

- **Quote Vendor Only** - 3rd party who disseminates the actual price, bid, or asked price of cash commodities or futures contracts.

- **Quote Vendor System** - Application system developed by a 3rd party which disseminates the actual price, bid, or asked price of cash commodities or futures contracts but does not provide order entry capability.

- **Retail** - Customer transactions made by a non-member of an exchange.

- **Risk Management Vendor** - 3rd party who assists organizations in managing and monitoring their risk exposure resulting from their trading activity.

- **Semi-Automated Trading Syste**m - Trading system that is not fully automated and still requires some human interaction.

- **Tag 1603**- Free text string of 30 alpha-numeric characters which provides the name of the application system being used to generate FIX application messages. This will normally be a trading system, OMS, or EMS.For iLink 3 this tag is required on the35=Establish message only.

- **Tag 1604**- Free text string of 10 alpha-numeric characters which provides the version of the application system being used to initiate FIX application messages.For iLink 3 this tag is required on the35=Establish message only.

- **Tag 1605**- Free text string of 10 alpha-numeric characters which provides the vendor of the application system.For iLink 3 this tag is required on the35=Establish message only.

- **Tax ID** - A Taxpayer Identification Number is an identifying number used for tax purposes in the United States. It is also known as a Tax Identification Number or Federal Taxpayer Identification Number. A TIN may be assigned by the Social Security Administration or by the Internal Revenue Service.