

# Account Management Service User Manual

22 April 2024



Neither futures trading nor swaps trading are suitable for all investors, and each involves the risk of loss. Swaps trading should only be undertaken by investors who are Eligible Contract Participants (ECPs) within the meaning of Section 1a(18) of the Commodity Exchange Act. Futures and swaps each are leveraged investments and, because only a percentage of a contract's value is required to trade, it is possible to lose more than the amount of money deposited for either a futures or swaps position. Therefore, traders should only use funds that they can afford to lose without affecting their lifestyles and only a portion of those funds should be devoted to any one trade because traders cannot expect to profit on every trade. All examples discussed are hypothetical situations, used for explanation purposes only, and should not be considered investment advice or the results of actual market experience.

CME Group, the Globe Logo and CME are trademarks of Chicago Mercantile Exchange Inc. CBOT is a trademark of the Board of Trade of the City of Chicago, Inc. NYMEX is a trademark of New York Mercantile Exchange, Inc. COMEX is a trademark of Commodity Exchange, Inc. All other trademarks are the property of their respective owners.

The information within this manual has been compiled by CME Group for general purposes only. CME Group assumes no responsibility for any errors or omissions. Additionally, all examples in this manual are hypothetical situations, used for explanation purposes only, and should not be considered investment advice or the results of actual market experience. All matters pertaining to rules and specifications herein are made subject to and are superseded by official CME, CBOT and NYMEX rules. Current rules should be consulted in all cases concerning contract specifications.

Copyright © 2023 CME Group Inc. All rights reserved.

---

# Table of Contents

<b>Getting Started</b>	<b>5</b>
What's New	6
Logging In	8
CME Group Login	8
Log In	8
Log Out	8
Roles and Entitlements	9
Dashboard	10
<b>Account Functions</b>	<b>11</b>
Account Search	11
Additional Account Functions	12
Create New Account	12
CME Direct (CME Globex)	15
ICC (CME Globex)	18
Spot FX	19
Creating ClearPort Account	21
Creating Trading Account / Trading Sub Account	29
Creating Trading Account / Trading Sub-Account	30
CME ClearPort	32
CME Direct (CME Globex)	32
Creating Trading Sub-Account	34
Trade Type Restriction	35
Editing Accounts / Credit Controls	36
Additional Account functions:	42
Creating Accounts via Upload	43
Max Usage Download	46
Updating ICC Account Limits via Upload	47
Managing ICC Credit Controls for Multiple Execution Firms	50
Copying Accounts	54
<b>Credit Controls</b>	<b>56</b>
Managing Account Credit Controls	56
Managing ICC Credit Controls / Product Limits	58
Calculating ICC Limits	60
Position Limit Calculations	61
Futures Max Long and Short Position Usage Calculations	61
Options Max Long and Short Position Usage Calculations	61
Calculation Examples	62
Risk Control Algorithm	62
Crude Oil (CL) Futures Example	63
Crude Oil (LO) Options Example	63
Futures Outright with Default Contract Multiplier	63
Example	64
Futures Outright with Contract Multiplier not Equal to 1(CMED 50MW Power)	66
Example	66

Futures Spread .....	67
Option Outright .....	69
Options Spread .....	70
Suspending / Allowing Order Entry .....	72
Trade Type Restriction .....	74
Calculating / Setting Option Limits .....	76
Account Credit Control Models .....	77
Product Position Limit Checking .....	77
Separate Long / Short Position Limits may be set at the Future and Option Product	
Levels .....	77
Futures Products .....	77
Futures General Equations .....	77
Option Products .....	78
<b>FX Link and FX Spot+ Credit Management and Account Setup .....</b>	<b>79</b>

# Getting Started

Account Management Service is used by Clearing, Execution Firm, and Trader Risk administrators to create and manage accounts associated with CME Globex, Inline Credit Controls (ICC), Over The Counter (OTC), CME Direct and Spot FX.

The following functions are available:

- [Registration and Login](#): Access Account Management Service with a valid CME Group Login.
- Account [Creation](#) and [Management](#): Create and update CME Direct (CME Globex), CME ClearPort and ICC (CME Globex) accounts, including access and entitlements:
  - Trading [services](#).
  - [Market types](#), [products](#), [brokers](#).
  - [Credit Controls](#): Credit and Product quantity limits.
  - [FX Link and FX Spot+ Credit Management and Account Setup](#)
  - Uploading account updates / [Bulk Upload](#): Download account details as a spreadsheet, then upload to update multiple accounts.
- [Trade Type Restriction](#): View and restrict CME ClearPort enabled accounts from submitting block trades.
- [Dashboard](#): Functionality overview.

## What's New

The list below illustrates the updates made to the Account Management Service Help system.

Date	Topic	Description
22 April 2024	<a href="#">Create New Account</a>	Agency Cross (A-Cross) crossing protocol has been decommissioned. See also: <a href="#">NYMEX/COMEX Rule 539.C</a> (Pre-Execution Communications Regarding Globex Trades).
26 June 2023	<a href="#">Credit Controls</a>	Added Account Credit Control Models and CME ClearPort Product Position Limit details
31 October 2022	Format	Website and PDF format changes only.
19 October 2022	<a href="#">Create New Account</a>	Expanded restricted special characters for customer created account numbers
22 June 2022	<ul style="list-style-type: none"> <li><a href="#">Searching Accounts</a></li> <li><a href="#">Create New Account</a></li> <li><a href="#">Managing Accounts</a></li> </ul>	Updated search for Account Owner Name and/or Legal Entity Identifier (LEI). Users can configure accounts with different registered owners to be margined together.
24 February 2020	<a href="#">Credit Controls</a>	Updated option limit calculation examples
17 July 2019	<a href="#">Calculating ICC Limits</a>	ICC calculation details and examples are included
21 March 2019		Summarizes the FX Link / Spot FX onboarding and setup process.
14 February 2019	<a href="#">Managing ICC Credit Controls via Upload</a>	Updating multiple execution firm product limits, via upload.
13 November 2018	<a href="#">Creating an Account</a>	Created individual chapters that illustrate account creation.
30 October 2018	all	updated upload / download process - ICC, accounts, credit controls.
27 August	all	Initial release.

Date	Topic	Description
2018		

## Logging In

After confirming CME Group Login registration and association with a Account Management Service authorized firm, review the following login instructions.

### CME Group Login

CME Group Login is a self-managed, centralized user profile service that authenticates access to Account Management Service and other applications and services.

- [Create a new CME Group Login user ID and profile](#): Prior to accessing, all users must have an active login profile.
- [Review the CME Group Login User Guide](#): Access guidance and instructions: register, retrieve forgotten user ID, reset password, update profile and manage other services.
- [Update a CME Group Login User ID and profile](#): Login privileges are retained even if users change firms, email address, registration information, User ID or password. Some instances may require access and entitlements update.

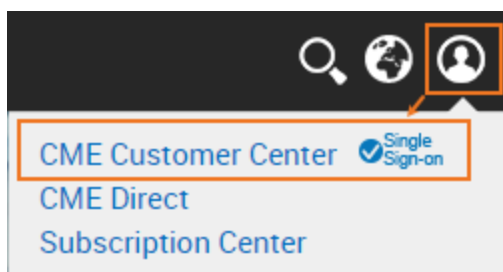
For additional registration or login assistance, including forgotten user ID and password, contact [Enterprise Access and System Entitlements \(EASE\)](#).

To request application access, contact [Global Account Management](#).

### Log In

► **To login to Account Management Service:**

1. Using a [supported](#) web browser, navigate to [cmegroup.com](https://cmegroup.com), select the **Login / Profile icon** () , then select **CME Customer Center** (single sign on).



2. On the page that appears, enter the **CME Group Login ID** and **Password**, then select **Login**.


 **Note:** To register for a CME Group Login ID, view [CME Group Login Registration](#).

3. From the **Portfolio & Risk** tab, select **Account Management Service**.



 **Note:** For login or access issues, contact [Enterprise Application & System Entitlements \(EASE\)](#) or go to the [CME Group Login](#) page.

### Log Out

From the CME Customer Center menu, select the **Login / Profile icon** () , then select **Logout**.



If the application is idle for 30 minutes, the system automatically times out.

## Roles and Entitlements

Account Management Service application functions are available to clearing and executing firm users, with the ability to assign multiple entitlements to a single user.


Role requests are coordinated with [Global Account Management](#) (GAM). Access issues are managed by [Enterprise Application & System Entitlements](#) (EASE).



**Example:** To authorize a clearing firm administrator, for CME Globex and CME ClearPort, select:

- Globex Clearing Firm Account Admin and CPC Clearing Firm Account Admin.

Role	Firm Type	Platform	Entitlement Description
Clearing Firm Account Administrator	Clearing Firm	CME ClearPort, CME Direct (Globex), Spot FX, Inline Credit Controls (Globex)	<p>View, create, edit accounts, including multiple account updates using download / upload.            Manage risk by setting market types, products, broker / asset manager access.            Set credit limits and controls at the account and product levels.            Restrict CME ClearPort accounts eligible for pre-negotiated trade submissions by Trade Type.            Create Delegated Intermediary (DI) accounts and flag clearing accounts as DI.            Manage Customer (Parent) Accounts, which are owners of trading sub-accounts.</p> <div> <p><b>Note:</b> <a href="#">Services</a> (trading platform) assignment restricts accounts to the specified platform only. To authorize additional platforms, select additional services. Administrative users must be authorized to the platforms they wish to manage (e.g. to manage a CME Direct authorized account, the administrator must also be an authorized CME Direct administrator).</p> <ul style="list-style-type: none"> <li>- CPC Clearing Firm Account Admin: CME ClearPort</li> <li>- Globex Clearing Firm Account Admin: CME Direct</li> <li>- ICC Clearing Member Firm Account Admin: CME Globex - A, <a href="#">download / upload</a> ICC configuration, alert threshold alerts, execution firm order entry suspension.</li> </ul> <p>Also manages <a href="#">Admin Policy</a> (via Entity Risk Management), alert thresholds, product restrictions.</p> </div> <p><b>Spot FX</b>            View, Create, Edit Spot FX accounts.            Download accounts configuration, upload multiple account updates.            View and edit clearing accounts, firm rights, asset managers, credit limits.</p>
Execution Firm Account Administrator	Execution Firm	CME Direct (Globex), Spot FX, Inline Credit Controls (Globex)	<p>Create ICC accounts.            Set product quantity and credit limits.            View Admin policy settings and alerts, set by the Clearing Member Firm Account Administrator.            Manage execution firm order entry permissions.            Download / upload ICC account and credit control updates.</p>
Sub Clearing Member Firm Account	Clearing Firm	Inline Credit Controls (Globex)	<p>For a sub-clearing firm, that is guaranteed by a parent Clearing Member Firm.            View, create, edit clearing and execution firm (ICC) accounts.</p>





Administrator			<p>Manage risk by setting market, product and broker access. Set credit limits and at the account and product quantity limits. Restrict CME ClearPort accounts eligible for pre-negotiated trade submissions, by Trade Type. Identified as the controlling firm of an execution firm; requires at least one execution firm.</p>
Trader Administrator	Trading Firm	CME ClearPort, CME Direct (Globex)	<p>View, create and edit Trading Accounts, including owner firm, broker firms, traders, services and status. View eligible sub-accounts, credit controls, where the trading firm is the account owner.</p> <div>  <b>Note:</b> Cannot create trading sub-accounts.         </div>
Trader Risk Administrator	Trading Firm	CME ClearPort, CME Direct (Globex)	<p>Create and edit trading sub accounts, that clear through the delegated intermediary and clearing member firm, including credit controls, credit limits. Manage broker firm and trader assignments.</p>
Broker Viewer	Broker	CME ClearPort, CME Globex	<p>Search and view accounts for which their broker firm(s) are assigned entitlements. For a given account, view products and services.</p>

## Dashboard

The Dashboard provides an overview of Account Management Service functions and support contacts.

Available functions:



- [Accounts](#)
- [Trade Type Restriction](#)
-  - **Info:** View the current user and system version.
-  - **Phone:** Opens a dialog to contact the CME Global Command Center (GCC).
-  - **Email:** Opens the default email program to send a support request.
-  - **Help:** Opens the User Manual / WebHelp.

# Account Functions

From the Account menu, Clearing, Execution and Trader Risk administrators can create and manage accounts authorized for CME Globex, CME Direct, CME ClearPort, Inline Credit Controls and Spot FX.

The following functions are available:

- [Search / View Accounts](#)
- [Create a New Account](#)
- [Trading Account / Trading Sub-Account](#)
- [Credit Controls](#)
- [Managing Accounts](#)

## Account Search

Use the Account function to search and view account configuration details or [create](#) a new account.

### ▶ To view account details:

1. Go to the **Account** page.
2. Select the **Account Type**, then perform a search.  
Based on the selected Account Type, search criteria may vary.
3. Enter search criteria.

Partial entries are accepted, results matching any of the entered characters will appear.

- **Clearing Account** - Select / specify search criteria:
  - Service CME Direct (CME Globex) Inline Credit Controls [(ICC)(CME Globex)] CME ClearPort
  - Account Number The alphanumeric identifier for ClearPort or CME Globex accounts that identify the trading firm. ClearPort account numbers may be up to 20 characters. CME Globex account numbers may be up to 12 characters.
  - Account Alias An account identifier that refers to the Account, Origin and Clearing firm and is assigned by the trading firm.
  - Spot FX Ref Number Optional user specified external reference number
  - Clearing Member Registered member clearing firm
  - Account Owner / LEI Search by the account owner name or Legal Entity Identifier. As characters are entered matching results appear.
  - Execution Firm Equivalent to the session ID, the firm that submits orders.
  - Status Active / Inactive / All / Pending

The screenshot displays the 'Account Management' interface. At the top, there's a navigation bar with 'Account Management', 'Dashboard', 'Account', and 'Trade Type Restriction'. Below this, the 'Account List' section is visible, featuring a 'Create New Account' button and links for 'Download', 'Upload', and 'Max Usage Download'. The search form includes several input fields: 'Account Type' (a dropdown menu currently showing 'Clearing Acct'), 'Service' (a dropdown menu showing 'All'), 'Account Number' (a text input field), 'Account Alias' (a text input field), 'Spot FX Ref Number' (a text input field), 'Clearing Member' (a text input field), 'Account Owner / LEI' (a text input field with a placeholder 'Search By Owner or LEI'), 'Execution Firm' (a text input field with a placeholder 'Text Search EF'), and 'Status' (a dropdown menu showing 'All'). A blue 'Search' button is located at the bottom right of the form.

- **Trading Account** - Select / specify search criteria:
  - Managing Firm A Delegated Intermediary firm that creates and manages sub-accounts.

For additional field descriptions, refer to [Clearing Account](#) (above).

The screenshot shows the 'Account Management' dashboard with the 'Account' tab selected. The 'Account List' section features a search bar with the following filters: Account Type (set to 'Trading Acct'), Service (set to 'All'), Account Number (with a text input), Managing Firm (with a text input), Account Owner / LEI (with a text input and a 'Search By Owner' button), and Status (set to 'All'). A 'Search' button is located to the right of these filters. Above the search bar are buttons for 'Create New Account', 'Download', 'Upload', and 'Max Usage Download'.

4. Clicking **Search** without criteria returns all accounts you are authorized to view.
5. To view Account Details, select the **blue** linked Account Number.

## Additional Account Functions

- [Create New Account](#)
- [Manage / Update existing account\(s\)](#)
- [Download / Upload](#) (Bulk Update)
  - Download configuration as a MS Excel spreadsheet.
  - Update then Upload the file to update the configuration for multiple accounts.
- [Max Usage Download](#)

## Create New Account

Use the Account function to [search](#), [create](#) and [manage](#) clearing and [trading](#) accounts (including [trading sub-accounts](#)).

Account setup includes [platforms / services](#) CME Direct (CME Globex), CME ClearPort, Inline Credit Controls (CME Globex), Spot FX, Straight-Through Processing, products, broker permissions and credit controls.

The following instructions illustrate the process to create an account.

### Overview

1. [Create New Account](#) button
2. [Clearing Account Settings](#)
  - [Trading Account / Trading Sub-Account](#) (if applicable)
3. Select [Service\(s\)](#):
  - CME Direct (CME Globex)
  - CME ClearPort
  - Inline Credit Controls (CME Globex)
  - Spot FX
  - Straight-Through Processing - Create an account enabled for CME STP (only Clearing Account Settings are required)
    - a. **Market Type Permissions**
    - b. **Product Permissions**
    - c. **Broker / Asset Manager Permissions**

d. **Credit Controls**e. **Save and Activate** account (or create as Inactive, to finish [later](#))▶ **To Create an Account:**

Before creating a new account, perform an account [search](#) to ensure it doesn't exist.

1. From the Account page, select the **Create New Account** button.

The screenshot shows the 'Account Management' dashboard with the 'Account' tab selected. The 'Account List' section features a 'Create New Account' button highlighted with a yellow box. Below this are search filters for Account Type (Clearing Acct), Service (ICC), Account Number (Account Number/LEI), Account Alias, Spot FX Ref Number, Clearing Member, Account Owner / LEI (Search By Owner), Execution Firm (Text Search EF), and Status (All). A 'Search' button is also present.

2. On the page that appears, specify **Clearing Account Settings**.

**Clearing member\***

Clearing members assume financial and performance responsibility for all transactions executed through them and cleared by CME Clearing whether it is for the account of a customer, member, or their own account.

**Account Number\***

The alphanumeric identifier for the account that is unique at the firm.

- **CME ClearPort:** Up to 20 characters.
- **CME Globex (CME Direct or ICC):** Up to 12 characters.

If more than 12 characters are entered, CME Globex service will not be available for selection.

Do not use the following special characters in the first, second or last position.

@	at
%	percent
^	caret
&	ampersand
(	left parentheses
)	right parentheses
_	underscore
=	equal
{	left brace
}	right brace
[	left bracket
]	right bracket
	vertical bar
\	backslash

:	colon
;	semi colon
"	double quote
'	single quote
<	less than
>	greater than
,	comma
.	period
	space

**Description\***

User specified identification details.

**Owner Firm\***

The Trading firm or LEI owner of this account.

If the clearing account is designated as Delegated Intermediary (DI); specify by the clearing member firm. Additional details are inherited from Trading Account Owner.

DI (parent) accounts cannot be updated via [Bulk upload](#).

**Asset Manager (Controller) Firm**

Enter the name in the field; available choices appear based on the partially entered name.

For DI and sub-accounts: If an asset manager firm is assigned to the clearing account, trading sub-accounts cannot be created and the DI selection will not be available.

**Owner's Primary Business Activity\***

Required when shown.

**Country of Origin\***

Appears when a dynamic (not registered) owner firm is specified.

**House / Customer Indicator\***

Indicates whether the account represents customer segregated funds or house funds.

**CTI Code\***

**CTI1** - An individual member trading for her or her own account, **CTI2** - A member firm trading for its proprietary account, **CTI3** - A member firm trading for another member, **CTI4** - All other individuals.

**Portfolio Margin Futures**

Enables the account for the [Portfolio Margining](#) program for futures.

**Delegated Intermediary (DI)**

Specified by the clearing member firm administrator, instead of Asset Manager.

**Margin Account**

Enables customer accounts to aggregate trades to calculate OTC trade cross-account margin offsets. The Margin Owner field specifies the registered owner firm.

- **SELF:** Non-CME ClearPort accounts use Self, which assigns the same account number as the owner.
- **Specify Margin Account:** Associate accounts with clearing member, beneficial owner, designated margin account.
- **Margin multiple accounts to same owner firm:** For CME ClearPort accounts only, multiple accounts, with different Owner Firms, can use the same Margin Account.

The accounts must be associated with the same Clearing Member and the Owner Firms for both accounts must use the same LEI.

3. Select a **Service**, then specify **Account Details**:

For detailed instructions by service, refer to:

[A. CME Direct \(CME Globex\)](#)

[B. ICC \(CME Globex\)](#)

[C. Spot FX](#)

[D. CME ClearPort](#)

## CME Direct (CME Globex)

A. **CME Direct (CME Globex)** - Select the *CME Direct (CME Globex)* tab, then specify the following:

i. For **Step 1: Setup**, Enter the **iLink Session ID(s)** to enable.

The screenshot shows the 'Services' section with tabs for 'CME Direct (CME Globex)', 'ClearPort Clearing', 'Cross Venue Risk', and 'ICC (CME Globex)'. The 'CME Direct (CME Globex)' tab is active. Below the tabs is the 'Account Details' section with a progress bar showing five steps: Step 1: Setup (active), Step 2: Market Type Permissions, Step 3: Product Permissions, Step 4: Broker Permissions, and Step 5: Credit Controls. A 'Cancel' button is in the top right. The 'CMED Account Attributes' section contains an 'iLink Session ID' field with a dropdown menu showing 'Select an iLink Session ID'.

The **iLink Session ID** (also known as SenderComp) obtained from [Global Account Management](#) is used for in-house brokerage purposes, is submitted with trades, and associated with Clearing Member firms that appear with the selection.

The screenshot shows the 'iLink Session ID' dropdown menu. The dropdown is open, showing a list of session IDs with their corresponding clearing firms: [CME: ...], [COMEX: ...], [DME: ...], [FXS: ...], [KCB: ...], and [MGE: ...].

Clearing Firms can assign a default iLink Session ID / SenderComp for in-house Broker entities.

**Note:** If an iLink Session ID is not selected, a dialog appears and must be acknowledged before proceeding with account setup.

ii. Select **Step 2: Market Type Permissions**, then select at least one Market Type (required).

CME Direct (CME Globex) **Pending** ClearPort Clearing **Enable** ICC (CME Globex) **Enable**

**Account Details** Cancel Remove CMED

**Step 1: Setup** **Step 2: Market Type Permissions** **Step 3: Product Permissions** Step 4: Broker Permissions Step 5: Credit Controls

**Market Type Permissions**

Market Type	Access
CME Agriculture (Globex)	<input type="radio"/> None <input checked="" type="radio"/> Specific <input type="radio"/> All
FX Link (Globex)	<input type="radio"/> None <input type="radio"/> Specific <input checked="" type="radio"/> All





- **None:** Submitting orders for this **Market Type**, including all **Products** is restricted.
- **Specific:** Requires selection of individual (step 3) product permissions
- **All:** Enable order submission for all products in the selected market type.

**Note:** Specific and All, requires setting credit and long / short quantity limits (step 5); configured with the [Credit Controls](#) function.

iii. (If *Specific* was selected for at least one product in the previous step), select **Step 3: Product Permissions**.

From the Available Products, **add product(s)** the account will be permitted to trade.

**Note:** To find a specific product, enter the symbol or name (including partial) in the search field.

- Add  / Add All  to the *Selected Products* list
- Remove:  / Remove All:  from the *Selected Products* list.

CME Direct (CME Globex) **Pending** ClearPort Clearing **Enable** ICC (CME Globex) **Enable**

**Account Details** Cancel Remove CMED

**Step 1: Setup** **Step 2: Market Type Permissions** **Step 3: Product Permissions** **Step 4: Broker Permissions** Step 5: Credit Controls

**Product Permissions**

Select Specific Products

Hold CTRL key down to select multiple products. Products in **RED** are not available for this account.

**Available Products**

Search Products

Globex/Clearing Code - Exchange - Name

06E / 06E - CME - TEST EUR/USD Futures  
0AUT / 0AUT - CME - Test AUD/USD OPTIONS AMER-STYLE  
0EO / 0EO - CME - TEST EVENT SWAP SYNTHETIC FUT  
1AD / 1AD - CME - AUD/USD Weekly Premium Quoted European Style Op  
1BP / 1BP - CME - GBP/USD Weekly Premium Quoted European Style Op  
1CD / 1CD - CME - CAD/USD Weekly Premium Quoted European Style Op  
1EU / 1EU - CME - EUR/USD Weekly Premium Quoted European Style Opt  
1JY / 1JY - CME - JPY/USD Weekly Premium Quoted European Style Opt  
2AD / 2AD - CME - AUD/USD Weekly Premium Quoted European Style Op

**Selected Products**

Search Products

Globex/Clearing Code - Exchange - Name

00E / 00E - CME - TEST EUR/USD OPTIONS AMER-STYLE

iv. Select **Step 4: Broker Permissions**, then specify brokers authorized to operate this account.



CME Direct (CME Globex) **Pending**

**Account Details** Cancel Remove CMED

Step 1: Setup Step 2: Market Type Permissions Step 3: Product Permissions **Step 4: Broker Permissions** Step 5: Credit Controls

**Broker Permissions**





Available Brokers

Search Brokers

005 trading firm  
0102TT  
0202TP4  
0402gps01  
040716P2ST  
040816P2  
080816A1

Selected Brokers

Search Brokers

- Add  / Add All  to the *Selected Brokers* list
- Remove:  / Remove All:  from the *Selected Brokers* list.

v. Select **Step 5: Credit Controls**, specify the Currency, RAV and product (long/short) limits.

CME Direct (CME Globex) **Pending**

**Account Details** Cancel Save Remove CMED

Step 1: Setup Step 2: Market Type Permissions Step 3: Product Permissions Step 4: Broker Permissions **Step 5: Credit Controls**

**Credit Control**

Note: Setting options quantity limits is optional. If no limit is set for options, trading in options may occur up to the futures limit. Options are converted into futures equivalent quantities by applying delta. Intra-commodity spread quantities for futures and options are reflected as 15% of the order quantity.

Currency: US Dollar Credit Limit:  Credit Usage: 0 Remaining Credit: 0 % Credit Limit Used: Not Enabled Start of Day Positions: Not Enabled

Permissible Products: Show all products tradable in this account Set All Unset Limits to Zero Search:

Product Symbol	Globex / Clearing Code	Product Type	Max Qty Long	Max Qty Short	Net Fills	% of Max Qty Long Used	% of Max Qty Short Used	Working Long	Working Short	Net Fills + Working Long	Net Fills + Working Short
Australian Dollar US Dollar FX Link Spot FX	AUDUSD / AUDUSD	FWD	zero	zero							
British Pound US Dollar FX Link Spot FX	GBPUSD / GBPUSD	FWD	zero	zero							
Euro US Dollar FX Link Spot FX	EURUSD / EURUSD	SPOT	zero	zero							
New Zealand Dollar / US Dollar Spot FX	NZDUSD / NZDUSD	FWD	zero	zero							


- **Currency** - select the currency denomination
- (Risk Asset Value) **RAV Limit**(required) - The entered amount is denominated by millions in the selected currency.
- **Max Qty Long / Short** - The default is *unlimited*. Pending entries are indicated by green.


Max Qty Long	Max Qty Short
1	1

**Additional Options**

- **Permissible Products** - Show all products tradable in this account / **Show Products with individual limits** - Show products with specific limits.
- **Set All Unset Limits to Zero**: Enters 0 for all *Max Qty Long* / *Max Qty Short* fields not already entered.
- **Search** - Filter to products that match the entered symbol and/or name.

**Additional Information**

- **Margin Usage** - Amount (of the RAV limit) used.
  - **Remaining Margin** - Of the total available RAV limit.
  - **% Margin Used** - Margin Usage expressed as a percentage of RAV limit.
  - **Max Margin Usage** - Maximum utilization for the day. View available credit to determine if action is necessary.
  - **Export Max Margin Usage Report**() - View historical *Max Margin usage* and *end of day RAV limits*.
- vi. Select **Save**, then finalize account creation by creating as **Active** or **Inactive**.


Create Account 

Create Account as

☒ Active
 ☐ Inactive

Cancel

OK

 **Note:** To activate the account later, **search** for the inactive account, go to the Account Settings page, then select **Activate**.

**ICC (CME Globex)**[back to top](#)

- B. **ICC (CME Globex)** - Select the *ICC (CME Globex)* tab, then specify the following:
- For **Step 1: Setup**, Specify the **Execution Firm(s)\*** to associate with the account.  
As you type, matching execution firms appear in a list; select to add.

- ii. Select **Create**, then specify whether to create as **Active** or **Inactive** *To configure or modify settings at a later time.*

**Note:** To activate the account later, **search** for the inactive account, go to the Account Settings page, then select **Activate**.

- iii. To complete account creation, go to [Managing ICC Credit Controls](#) and set Clearing Member and Execution Firm product limits.

[ICC \(CME Globex\)](#) does not require [Market / Product / Broker](#) permissions.

- iv. ICC order management uses firm-wide policy settings to manage maximum allowable product limits. To manage order handling from unregistered accounts or for products with unset limits go to Entity Risk Management - [Policy & Threshold Settings](#).

## Spot FX

[back to top](#)

- C. **Spot FX** - Select the **ICC (CME Globex)** tab, then continue to set up Spot FX.

- i. Specify **Execution Firm(s)\*** details.

As you type, matching execution firms appear in a list; select to add.

**Services** Enable for STP ONLY

ClearPort Clearing Enable ICC (CME Globex)

Cancel Enable

**Execution Firms**

\* TEST (123) x Choose an EF

- ii. Select **Enable**, then specify whether to create as **Active** or **Inactive** To configure or modify settings at a later time.

**Create Account** ✕

Create Account as

☐ Active

☐ Inactive

Cancel OK

**Note:** To activate the account later, **search** for the inactive account, go to the Account Settings page, then select **Activate**.

- iii. To complete account creation and activation, view [Entity Risk Management - Spot FX](#) instructions to view details on linking Trading Firms and setting Spot FX Credit Controls (via ICC).

[Spot FX](#) enabled does not require [Market / Product / Broker](#) permissions.

## Creating ClearPort Account

CME ClearPort provides Brokers, Traders, and Asset Managers an application to enter and submit off-exchange deals for clearing through CME Group.

An **authorized CPC Clearing Firm Account Admin**, entitled for a clearing firm clearing firm account administrator can use Account Management Service (AMS) functions to create and manage accounts for entering privately-negotiated over-the-counter (OTC) transactions into [CME ClearPort](#).

Prospective CME ClearPort market participants (individual, clearing firm, brokerage firm, trading firm) must complete the following to receive access to CME ClearPort clearing services.

- Create and register a [CME Group Login ID](#) to authenticate access to CME Group applications and services.
- (if applicable) Confirm that the associated clearing firm / front-end provider / Independent Software Vendor (ISV) is enabled for products that will be used for CME ClearPort.
- Complete and submit the [CME ClearPort Services Registration](#).
- Complete and submit the [OTC Clearing Account Registration](#).

Users will receive notification when access is authorized; when Account Management Service is available for account creation.



**Note:** Additional setup may be required (see below examples):

-**Products** - (e.g. [CBOT Treasury Invoice Swaps](#), [CME IRS](#)).

-**Firms** - Associated *firms* must be setup and enabled for the same products and clearing firm associations as the *account*.

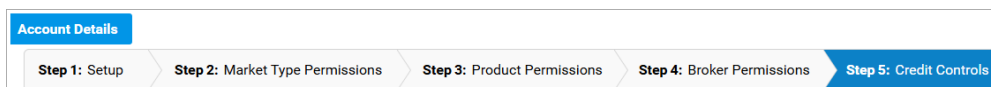
-**Users** creating and managing accounts must have [entitlements](#) to add accounts for a firm.

See also: [CME ClearPort](#)

For additional assistance, contact [Global Account Management](#).

Refer to the below instructions to use Account Management Service to create and activate an account entitled for CME ClearPort market types.

- Identify [account](#) settings and their relationship to the clearing member.
- [Select](#) the Service (**ClearPort Clearing**) and account details.



- [Setup](#) - Select the account attribute / type.
- [Market Type Permissions](#) - Assign Market types for products the account can trade.
- [Product Permissions](#) - Select individual products associated with the selected market types.
- [Broker Permissions](#) - Specify broker firms that can submit trades.
- [Credit Controls](#) - Specify risk value and long / short quantity limits.



**To create a CME ClearPort account:**

- From the Account Management Service, select the **Account** tab, then select **Create New Account**.

**Note:** Account Management Service is accessible from the **CME Customer Center - Portfolio & Risk** menu.


- On the page that appears, specify **Clearing Account Settings**.

**Note:** Required fields are indicated by a red asterisk (\*).  
The Clearing Account Settings pane includes a button to minimize its appearance.

#### Clearing Account Settings:

- Clearing Member\***: Clearing members assume financial and performance responsibility for all transactions executed through them and cleared by CME Clearing whether it is for the account of a customer, member, or their own account.
- Account Number\***: Up to 20 characters. The alphanumeric identifier for the account that is unique at the firm. **Do not use the following special characters in the first, second or last position.**

@	at
%	percent
^	caret
&	ampersand

(	left parentheses
)	right parentheses
_	underscore
=	equal
{	left brace
}	right brace
[	left bracket
]	right bracket
	vertical bar
\	backslash
:	colon
;	semi colon
"	double quote
'	single quote
<	less than
>	greater than
,	comma
.	period
	space

- **Description\***: User specified identification details.
- **Owner Firm\***: The Trading firm or LEI owner of this account. If the clearing account is designated as Delegated Intermediary (DI); specify by the clearing member firm. Additional details are inherited from Trading Account Owner.  
DI (parent) accounts cannot be updated via [Bulk upload](#).
- **Asset Manager (Controller) Firm**: Enter the name in the field; available choices appear based on the partially entered name.  
For DI and sub-accounts: If an asset manager firm is assigned to the clearing account, trading sub-accounts cannot be created and the DI selection will not be available.
- **House / Customer Indicator\***: Indicates whether the account represents customer segregated funds or house funds.
- **CTI Code\***: **CTI1** - An individual member trading for her or her own account, **CTI2** - A member firm trading for its proprietary account, **CTI3** - A member firm trading for another member, **CTI4** - All other individuals.
- **Portfolio Margin Futures**: Enables the account for the Portfolio Margining program for futures.
- **Delegated Intermediary**: Specified by the clearing member firm administrator, instead of Asset Manager.
- **Margin Account / Margin Account Owner Firm**: Enables customer accounts to aggregate trades to calculate OTC trade cross-account margin offsets. The **Margin Account Owner Firm** specifies the registered owner firm.

- **SELF:** Non-CME ClearPort accounts use Self, which assigns the same account number as the owner.
- **Specify Margin Account:** Associate accounts with clearing member, beneficial owner, designated margin account.
- **Margin multiple accounts to same owner firm:** For CME ClearPort accounts only, multiple accounts, with different Owner Firms, can use the same Margin Account. The accounts must be associated with the same Clearing Member and the Owner Firms for both accounts must use the same LEI.

[Edit](#) the account, then select the Owner Firm from the **Margin Account** field.

- From the **Services** panel, select **ClearPort Clearing** then specify **Account Details** (steps 4-8, below).

- For **Step 1: Setup**, select the **Account Type**.

- **None:** Default selection
- **Holding:** Allows Asset managers to submit swap sides that will be subsequently reallocated or given up. If selected, the account cannot be a Delegated Intermediary (DI).
- If selected, the account cannot be a Delegated Intermediary (DI).
- **Client Risk Master:** Allows FCM brokers to submit Block trades and EFRP's for multiple clients using a single CRMA account for subsequent allocation or give-up.
- Enables brokers to submit customer Block or EFRP trades into a single account for post-trade allocation. These accounts are only permitted for brokers registered under an Exchange Clearing Member Firm; cannot be used by non-clearing firm brokers (see: [Client Risk Master](#)).
- **Short Code:** Allows Brokers to submit Block trades and EFRP's for trading firms not registered with CME ClearPort. A separate account must be used for each trading firm.
- Enables brokers to submit customer Block or EFRP trades for a single end-client trading firm. The identity of the client must be referenced in the Account Description but the firm will not need to register themselves. These accounts may be used by any broker registered for ClearPort / CME Direct and permitted to submit trades on behalf of the account (see: [Short Code Accounts](#)).

- Select **Step 2: Market Type Permissions**. At least one type is required.

For the list of Markets, select the **Risk Method** in which credit will be applied and **Access Type** (and [additional](#) options, if applicable).



Market Type Permissions	
** Risk Method: <input type="text" value="CME Hosted"/> ✓	
Market Type	Access <span>?</span>
CBOT (ClearPort)	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All
CBOT IRS (Clearport)	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All
CBOT Swaps (ClearPort)	<input type="radio"/> None <input type="radio"/> Specific
CME IRS Credit Control: <input type="text" value="None"/> ▼ Netting Algorithm: <input type="text" value="None"/> ▼ Custodian: <input type="text"/>	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All

- **None:** Submitting orders for this **Market Type**, including all **Products** is restricted.
- **Specific:** Requires selection of individual product permissions

**Example:** Selecting CME IRS requires additional selections:

- **Credit Control** - *Check limits* denotes a CME Hosted limit structure. Limits are set in the [Deal Management System](#) (DMS), *Autoclear* automatically submit eligible trades to the CME Group for clearing, *Force Claim* A Clearing Member Explicit Claim method, in which the clearing member firm must consent to or refuse the trade through API messaging or the DMS.
- **Netting Algorithm** - Analyzes orders that could be closed or reduced in notional value by offsetting trades between participants. The results of the netting run are then sent back to each participant for confirmation. If cleared, the central counterparty will execute the compression, including risk checks.  
Options:
  - None
  - CustomerID
  - Standard
  - *Coupon Blending CustomerID* performs selective coupon blending for trades that have a client entered CustomerID.
  - *Coupon Blending Standard* In the clearing and settlement of IRS trades, compression via coupon blending reduces the number of individual listed trades (line items) and gross notional outstanding value of a portfolio while the net cash flow is maintained.
- **Custodian** - Specify the entity that holds assets for initial / variation margin.





- **All:** Enable order submission for all products in the selected market type.

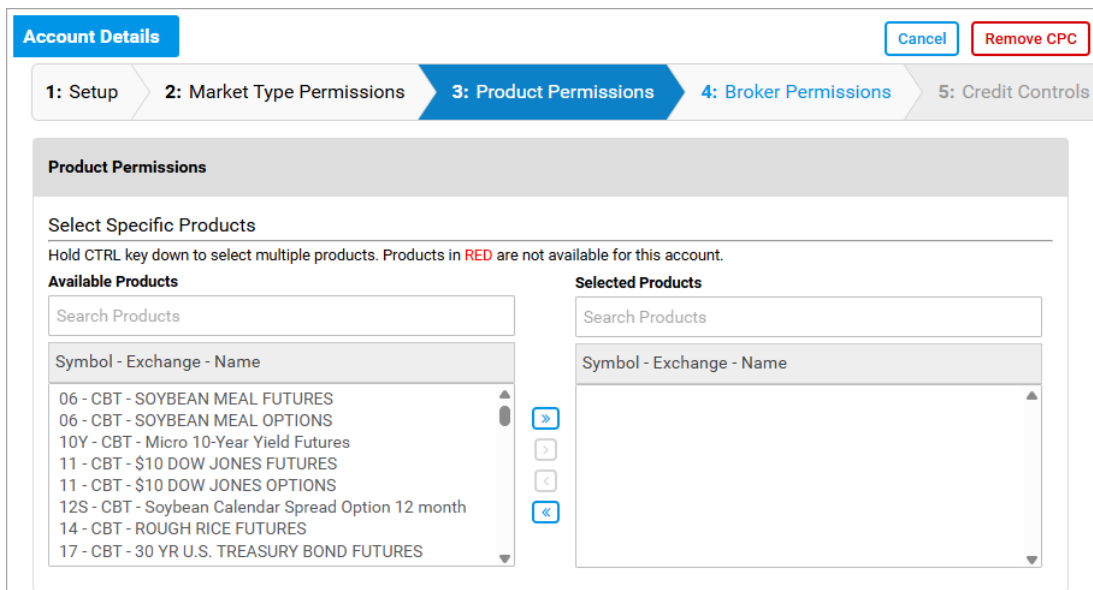
**Note:** Specific and All, requires setting credit and long / short quantity limits; configured with the [Credit Controls](#) function.

6. (If *Specific* was selected for at least one product in the previous step) Select **Step 3: Product Permissions**.





From the Available Products, **add product(s)** the account will be permitted to trade.

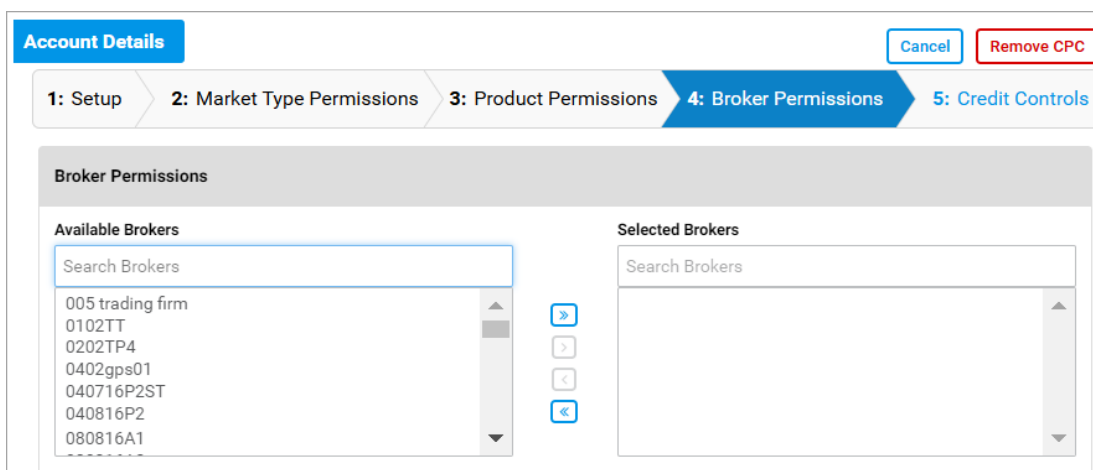
**Note:** To find a specific product, enter the symbol or name (including partial) in the search field.

- Add  / Add All  to the *Selected Products* list
- Remove:  / Remove All:  from the *Selected Products* list.



7. Select **Step 4: Broker Permissions**, then specify brokers authorized to operate this account.

- Add  / Add All  to the *Selected Brokers* list
- Remove:  / Remove All:  from the *Selected Brokers* list.



8. Select **Step 5: Credit Controls**, specify the Currency, RAV and product (long/short) limits.

Account Details

Cancel
Save
Remove CPC

Step 1: Setup
Step 2: Market Type Permissions
Step 3: Product Permissions
Step 4: Broker Permissions
Step 5: Credit Controls

**Credit Control**

Currency

RAV Limit

Margin Usage  
 \$0

Remaining Margin  
 unlimited

% Margin Used  
 \$0

Max Margin Usage  
 \$0

Permissible Products

Search:

Product Symbol ▲	Symbol ▲	Product Type ▲	Max Qty Long	Max Qty Short	Net Fills	% of Max Qty Long Used	% of Max Qty Short Used
SOYBEAN OIL OPTIONS	07	OOF	<input type="text" value="unlimited"/>	<input type="text" value="unlimited"/>			

- **Currency** - select the currency denomination
- **(Risk Asset Value) RAV Limit**(required) - The entered amount is denominated by millions in the selected currency.
- **Max Qty Long / Short** - The default is *unlimited*. Pending entries are indicated by green.

Max Qty Long	Max Qty Short
<input style="width: 100%;" type="text" value="1"/>	<input style="width: 100%;" type="text" value="1"/>

#### Additional Options

- **Permissible Products** - Show all products tradable in this account / **Show Products with individual limits** - Show products with specific limits.
- **Set All Unset Limits to Zero**: Enters 0 for all *Max Qty Long / Max Qty Short* fields not already entered.
- **Search** - Filter to products that match the entered symbol and/or name.

#### Additional Information

- **Margin Usage** - Amount (of the RAV limit) used.
  - **Remaining Margin** - Of the total available RAV limit.
  - **% Margin Used** - Margin Usage expressed as a percentage of RAV limit.
  - **Max Margin Usage** - Maximum utilization for the day. View available credit to determine if action is necessary.
  - **Export Max Margin Usage Report**() - View historical *Max Margin usage* and *end of day RAV limits*.
9. Select **Save**, then finalize account creation by creating as **Active** or **Inactive** To activate the account later, **search** for the inactive account, go to the Account Settings page, then select **Activate**..

**Create Account**

Create Account as  
☒ Active  
☐ Inactive

Cancel
OK



**Additional Services:** To enable additional services [CME Direct, ICC (CME Globex), Straight-Through Processing, Spot FX/Spot FX+], see [Create New Account - Services](#).

## Creating Trading Account / Trading Sub Account

Using the Accounts functionality, authorized users can create and manage Trading Accounts and Trading Sub-accounts associated with existing an account.

The following Clearing Account settings affect availability of Trading Sub-Account creation.

- **Account Owner / LEI:** Account owner (or LEI) must be authorized for ClearPort Clearing and / or CME Direct (CME Globex).
- **Holding Account:** Do not select, Trading Sub-Account creation will be unavailable.
- **Delegated Intermediary:** After sub-account creation, DI account cannot be unchecked.
  - **Selected:** To specify another trading account as the owner.
  - **Not Selected:** Trading Sub-Account trades will clear through the parent Trading Account (Owner).

### Authorized users:

- **Clearing Firm Account Administrator:** Manages Clearing, Delegated intermediary (DI) and Customer (Parent) accounts.
- **Sub-Clearing Member Firm Account Administrator:** Manage execution firm ICC enabled accounts, when the registered clearing firm is guaranteed by a parent Clearing Member Firm.
- **Trader Administrator:** View, create and manage Delegated Intermediary accounts.  
View sub-account account information, but cannot edit Sub-Account configuration or view relationship to delegated intermediary account.
- **Trader Risk Administrator:** View, create and edit Trading Sub-Accounts, including owner firm, broker firms, traders, services and status.

Users can only manage services and entitlements which they are also entitled.



**Example:** To assign CME ClearPort and CME Direct services, the administrator must be entitled for CME ClearPort and CME Direct.

### Account Types:

- **Delegated Intermediary (DI)**
  - If a clearing account is designated as Delegated Intermediary (DI), specify the clearing member firm.  
Additional details are inherited from Trading Account Owner.
  - Managed by Clearing Firm Account Administrator, for a non-member clearing firm.
  - Trading sub accounts clear through this DI or other designated clearing account.
  - Can assign any CME ClearPort registered trading firm as the trading sub account owner.
  - Manages individual customer account level risk management.
  - DI (parent) accounts cannot be updated via [Bulk upload](#).
- **Customer (Parent) Account**
  - Managed by Clearing Firm Account Administrator.
  - Designated as the Owner Firm.
  - Once created, the Account Owner cannot be modified or deleted.
  - Assigned services and entitlements apply to Trading Sub-Accounts.
  - Enables Trading Sub Account level risk management.
- **Trading Sub Accounts**
  - Managed by Trading Firm - Trader Risk Administrators.
  - Viewable by the Trader Administrator and sub-account users.

- Owner firm, services are inherited from the clearing account owner and trading, which cannot be added or removed.

## Creating Trading Account / Trading Sub-Account

Prior to creating a [Trading Sub-Account](#), a Clearing Firm Administrator must create or assign a Trading Account [parent / delegated intermediary (DI)].

To verify trading account availability or enable an account as a trading account, conduct a [search](#), Assign the Account Owner and Delegated Intermediary (if applicable).

A user with [Trader Risk Administrator](#) entitlements and access to the Trading (parent) account is authorized to create Trading Sub-Accounts.

### ▶ To Create a Trading Sub-Account:

1. From the Accounts menu, select **Create New Account**.

2. On the account creation screen that appears, enter required details:

#### [Services](#)

ClearPort Clearing and / or CME direct (CME Globex)

#### [Clearing Member](#)

Clearing members assume financial and performance responsibility for all transactions executed through them and cleared by CME Clearing whether it is for the account of a customer, member, or their own account.

#### [Account Number](#)

The alphanumeric identifier for CME ClearPort or CME Globex accounts.

- CME ClearPort: Up to 20 characters.
- CME Globex: Up to 12 characters.

Do not use the following special characters in the first, second or last position.

@	at
%	percent
^	caret
&	ampersand
(	left parentheses
)	right parentheses
_	underscore

=	equal
{	left brace
}	right brace
[	left bracket
]	right bracket
	vertical bar
\	backslash
:	colon
;	semi colon
"	double quote
'	single quote
<	less than
>	greater than
,	comma
.	period

**Description**

User specified identification details

**Owner Firm**

The Trading firm owner of this account .

Available if the clearing account is designated as Delegated Intermediary (DI); specify by the clearing member firm. Additional details are inherited from Trading Account Owner.

DI (parent) accounts cannot be updated via [Bulk upload](#).

**Owner's Primary Business Activity**

Required

**Firm LEI**

Firm Legal Entity Identifier - Available at <http://www.ciciutility.org>.

**Country of Origin**

Appears when a dynamic (not registered) owner firm is specified

**Asset Manager (Controller) Firm**

Enter the name in the field; available choices appear based on the partially entered name.

For DI and sub-accounts: If an asset manager firm is assigned to the clearing account, trading sub-accounts cannot be created and the DI selection will not be available.

**House / Customer Indicator**

Indicates whether the account represents customer segregated funds or house funds.

**CTI Code**

CTI1 - An individual member trading for her or her own account, CTI2 - A member firm trading for its proprietary account, CTI3 - A member firm trading for another member, CTI4 - All others individuals.

**Holding Account**

Do not select, Trading Sub-Account creation will be unavailable

**Portfolio Margin Futures**

Enables the account for the CME Portfolio Margining program for futures.

#### Delegated Intermediary (DI)

Specified by the clearing member firm administrator.

**Not Selected:** The trading sub-account will clear through the parent Trading Account (Owner).

**Selected:** Specify another trading account as the owner

#### Margin Account

Enables multiple customer accounts to aggregate trades to calculate OTC trade cross-account margin offsets.

Associate accounts with clearing member / beneficial owner.

Designate the master / margin account for CME ClearPort enabled accounts.

To assign accounts to a master / margin account:

Accounts must be associated with the same Clearing Member Firm, beneficial owner.

CME ClearPort service must be enabled for the accounts.

For non-CME ClearPort accounts, the margin account is **Self**, which assigns the same account number as the owner.

**Select Services:** Trading Account / Trading Sub-Account is only available for CME Direct (CME Globex) and CME ClearPort.

## CME ClearPort

- a. From the **Services** pane (also known as **Platform**), select **ClearPort Clearing**.
- b. On the **Services** pane, specify CPC Account Attributes
  - **Account Type:** Select **None**.

The screenshot shows the 'Services' pane with 'ClearPort Clearing' selected. Below it, the 'Account Details' section is visible, showing a progress bar with five steps: Step 1: Setup, Step 2: Market Type Permissions, Step 3: Product Permissions, Step 4: Broker Permissions, and Step 5: Credit Controls. Under the 'CPC Account Attributes' section, the 'Account Type' is set to 'None' (selected with a radio button). Other options include 'Holding', 'Client Risk Master', and 'Short Code'. A 'Cancel' button is located in the top right corner of the 'Account Details' section.

- c. To continue, select **Market Type Permissions**.

## CME Direct (CME Globex)

- a. From the **Services** pane (also known as **Platform**), select **CME Direct (CME Globex)**.
- b. On the **Services** pane, enter the iLink Session ID(s) to enable; as you enter matching IDs appear in a list, select to **Add**.



The screenshot shows the 'Account Details' step in the Account Management Service. At the top, there's a 'Services' section with tabs for 'CME Direct (CME Globex)', 'ClearPort Clearing', 'Cross Venue Risk', and 'ICC (CME Globex)', each with an 'Enable' button. A 'Cancel' button is on the right. Below this is a progress bar with five steps: 'Step 1: Setup' (active), 'Step 2: Market Type Permissions', 'Step 3: Product Permissions', 'Step 4: Broker Permissions', and 'Step 5: Credit Controls'. The main area is titled 'CMED Account Attributes' and contains a dropdown menu for 'iLink Session ID' with the text 'Select an iLink Session ID'.

- **iLink Session ID:** Also known as SenderComp, which is obtained from [Global Account Management](#).

This ID, used for in-house brokerage purposes, is submitted with trades, and associated with referenced Clearing Member firms.

The screenshot shows a dialog box for selecting an 'iLink Session ID'. On the left is a text input field. On the right is a list box containing the following entries: [CME: ...], [COMEX: ...], [DME: ...], [FXS: ...], [KCB: ...], and [MGE: ...].

Clearing Firms can assign a default iLink Session ID / SenderComp for in-house Broker entities.

Available options:

- **OK:** Proceed without selecting an iLink Session ID.
- **Cancel:** Select an iLink Session ID, go back and select an iLink Session ID.

**Note:** If an iLink Session ID is not selected, a dialog appears and must be acknowledged before proceeding with account setup.

- c. To continue, specify **Market Type(s)** and **Product Permissions**.

▶ **Specify Market Permissions:**

After confirming Account [Settings](#) and [Services](#), select **Market Types** and **Access**.

Available options:

- **None:** Submitting orders for this **Market Type**, including all **Products**, is restricted.
- **Specific:** Requires selection of individual product permissions.
- **All:** Enable order submission for this market type and all products.

Step 1: Setup   **Step 2: Market Type Permissions**   Step 3: Product Permissions   Step 4: Broker Permissions   Step 5: Credit Controls

**Market Type Permissions**

\*\* Risk Method: CME Hosted

Market Type	Access
CBOT (ClearPort)	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All
CBOT IRS (Clearport)	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All
CBOT Swaps (ClearPort)	<input type="radio"/> None <input type="radio"/> Specific
CME (ClearPort)	<input type="radio"/> None <input type="radio"/> Specific <input type="radio"/> All
CME ClearPort Swaps - COMEX	<input type="radio"/> None <input type="radio"/> Specific
CME ClearPort Swaps - NYMEX	<input type="radio"/> None <input type="radio"/> Specific
CME IRS Credit Control: <input type="text" value="None"/> Netting Algorithm: <input type="text" value="None"/> Custodian: <input type="text"/>	<input type="radio"/> None <input checked="" type="radio"/> Specific <input type="radio"/> All

**Note:** Specific and All, requires credit and maximum long / short quantity limits; configured with the Credit Controls function.



#### Set Product Permissions:

On the **Product Permissions** page, select from **Available Products**, then **add** at least one product.

1: Setup   2: Market Type Permissions   **3: Product Permissions**   4: Broker Permissions   5: Credit Controls

**Product Permissions**

**CME Agriculture (Globex)**

Available Products		Selected Products
<input type="text" value="Search Products"/> 1AD / 1AD - AUD/USD Weekly Premium Quoted Eur 1BP / 1BP - GBP/USD Weekly Premium Quoted Eur 1CD / 1CD - CAD/USD Weekly Premium Quoted Eur 1EU / 1EU - EUR/USD Weekly Premium Quoted Eur 1JY / 1JY - JPY/USD Weekly Premium Quoted Eur 1SF / 1SF - CHF/USD Weekly Premium Quoted Eur 2AD / 2AD - AUD/USD Weekly Premium Quoted Eur 2BP / 2BP - GBP/USD Weekly Premium Quoted Eur	<input type="button" value="➤"/> <input type="button" value="➤"/> <input type="button" value="➤"/> <input type="button" value="➤"/>	<input type="text" value="Search Products"/> (Empty list)

- Add:  / Add All:
- Remove:  / Remove All:

To find a specific product, enter the symbol or name in the search field; partial entries are accepted.

- Select and Specify [Credit Controls](#).

## Creating Trading Sub-Account

4. Search and select the **Trading Account**.
5. From the Trading Sub Accounts pane, select **Create New** and enter required information.
  - **Account Number:** required
  - **Description:** required
  - **Owner Firm:** Available if the clearing account is designated as DI (by the clearing member firm), otherwise, this is inherited from the Trading Account Owner.
  - **Status: Active:** Account is available immediately. **Inactive:** Resume or edit account details, before activating.

Account Number	Description	Owner Firm	Clearport Broker Firms	Globex Broker Firms	Traders	Services Enabled	Status	
						CPC	Active	
						CPC	Active	

6. To finalize, select .

## Trade Type Restriction

Use the Trade Type Restriction function to restrict CME ClearPort enabled accounts from submitting block trades. Additional functions:

- View account-level trade type restrictions.
- **Block Trade:** Privately negotiated futures, options or combination transaction that is permitted to be executed apart from the public auction market. Minimum order size requirements, vary according to product and order type. Only negotiated with futures, options on futures and CBOT swap trades; excludes all other basis trades.

### To view and manage Trade Type Restrictions:

1. Select the Trade Type Restriction menu, then perform a **search**.
  - **Clearing Member:** View restricted accounts, organized by Account Numbers and Trading Firms.
  - **Trading Firm:** View and Edit restricted accounts for the Clearing Member and Trading Firm combination.
  - **Trade Type:** Block (default selection).
  - **Short Code:** Select to view only accounts flagged as short code accounts.

Account Management
Dashboard
Account
Trade Type Restriction

Trade Type Restriction By Account
Create New Account
Download
Upload
Max Usage Download

Clearing Member  
-- Select a Clearing Member --

Trading Firm  
-- Select a Trading Firm --

Trade Type  
BLOCK

☐ ShortCode

Search

2. For the given Clearing Member / Trading Firm selection, a list of available accounts appear.





**Trade Type Restriction By Account** [Download](#) [Upload](#)

Clearing Member:  Trading Firm:  Trade Type:  ☐ ShortCode [Search](#) [Edit](#)

Total Restricted Accounts: 23  
Total Available Accounts: 4

Show  entries Search:

Account Number ▲	Trading Firm ▲
\$COMMON10	005 trading firm
ADSFASDFS	005 trading firm

- For selected Clearing Member / Trading Firm combination, select **Edit**.
  - Select from available accounts to restrict (from submitting block trades), then select **add**(/) / **remove**(/).
- To select one or more accounts, press (**CTRL + select**) accounts.

**Trade Type Restriction By Account** [Download](#) [Upload](#)

Clearing Member:  Trading Firm:  Trade Type:  ☐ ShortCode [Cancel](#) [Save](#)

**Available Accounts**

Search Accounts

JOE1737  
JOE83838

**Selected Accounts**

Search Accounts

\$COMMON10

- To finalize, select **Save**.

## Editing Accounts / Credit Controls

The Account Edit function is used by authorized firm administrators to edit information for an existing account or prior to account activation. Only accounts with full entitlements can edit, deactivate, delete, [copy](#), bulk upload accounts.



**Example:** A firm administrator entitled for CME ClearPort cannot edit CME Globex accounts.



### To edit account details:

1. Go to the **Accounts** page, then perform a search.

Account Management | Dashboard | **Account** | Trade Type Restriction

**Account List** [Create New Account](#) [Download](#) [Upload](#) [Max Usage Download](#)

Account Type: Clearing Acct Service: All Account Number: Account Alias: Spot FX Ref Number: Spot FX Ref Number

Clearing Member: Clearing Member Account Owner / LEI: Search By Owner or LEI Execution Firm: Text Search EF Status: All [Search](#)

From the results that appear, select a [blue](#) hyperlinked account number.

**Account List** [Create New Account](#) [Download](#) [Upload](#) [Max Usage Download](#)

Account Type: Clearing Acct Service: All Account Number: Spot FX Ref Number: Spot FX Ref Number Clearing Member: [SPF Global](#)

Account Owner / LEI: Search By Owner Execution Firm: Text Search EF Status: All [Search](#)

\* denotes CME SEF registered firm \* denotes holding account

Show 10 entries Search:

Account Number	Spot FX Ref Number	Account Groups	Clearing Member	Account Owner	Execution Firm	Account Status
<a href="#">TEDDY2</a>			SPF Global	* PROBITO LLC		Active
<a href="#">TEDDY3</a>			SPF Global	* PROBITO LLC		Active
<a href="#">TEDDY4</a>			SPF Global	* PROBITO LLC		Inactive



**NOTE:** If text is displayed in **red**, the assigned product or entity is no longer eligible due to assigned permissions. Contact [Global Account Management](#) for details.

2. From the page that appears, select **Edit**, then review the below instructions:

- [Account Functions](#)
- [Clearing Account Settings](#)
- [Services](#)
- [Account Details](#)
- [Credit Controls](#)
- [Copy Account](#)
- [Uploading account limit updates](#)
- [Suspend / Allow Execution Firm Order Entry](#)
- [Save Updates](#)

a. **Account Functions**

- Deactivate
- Copy
- Bulk Upload
- Delete

Account (1234567)
Back To Search

De-activate
Copy
Bulk Upload
Delete

Clearing Account Settings
Edit

Clearing Member	Account Number (Alias)	Description
CLEARING1	1234567	test
Owner Firm	Asset Manager (Controller) Firm	
Account-Owner		
House/Customer Indicator	CTI Code	Portfolio Margin Futures
House	2	Not Enabled
		Delegated Intermediary (DI)
		Not Enabled
		Margin Account
		0000A

b. **Clearing / Execution / Trading Account Settings**

For a list of field details, refer to [Clearing Account Settings](#)

Clearing Account Settings
Cancel
Save

Clearing Member	Account Number (Alias)	Description
CLEARING1	1234567	* test
Owner Firm	Asset Manager (Controller) Firm	
* Account-Owner	Enter Asset Mgr	
House/Customer Indicator	CTI Code	Portfolio Margin Futures
* <input type="radio"/> Customer <input checked="" type="radio"/> House	* 2	<input type="checkbox"/> Enable
		Delegated Intermediary (DI)
		<input type="checkbox"/> Enable
		Margin Account
		000A

c. **Services**

- **ClearPort Clearing:** Account Attributes
- **CME Direct:** iLink Session ID, Broker Permissions, Market Type, Products
- **ICC:** Execution Firms, Credit Control

Configuration options include:

- **Remove the Service:** After confirming removal, the account will not be able to submit orders for markets and products.
- **Edit Account Attributes / Details / Configuration:** For details on editable fields, refer to Service (Platform) descriptions: [ClearPort Clearing](#), [CME Direct \(CME Globex\)](#), [ICC \(CME Globex\)](#).

**Services**
Enabled for STP

ClearPort Clearing
CME Direct (CME Globex) ⓘ
ICC (CME Globex) ⓘ

Account Details
Credit Control Details

Remove CPC

CPC Account Attributes
Edit

Agency Cross  
Enabled
Account Type  
None

Broker Permissions
Edit

Search for a broker firm  
CME Group Inc. GCC

Market Type and Product Permissions
Edit Market Type
Edit Products

\*\* Risk Method: CME Hosted

Market Type	Access	Product
CBOT (ClearPort)	All	
CBOT Swaps (ClearPort)	Specific	CCS - CBT - Corn Calendar Swap DFL - CBT - DAP FOB NOLA Swap DFT - CBT - DAP FOB Tampa Swap DG2 - CBT - DJ-UBS CI 2M Swap DG3 - CBT - DJ-UBS CI 3M Swap

#### d. Account Details

- Account Attributes (ClearPort Clearing), iLink Sessions (CME Direct), Execution Firms (ICC)
- Broker Permissions
- Market Type
- Products

**Account Details screen - ClearPort Clearing:**

**Services** Enabled for STP

ClearPort Clearing CME Direct (CME Globex) ⓘ ICC (CME Globex) ⓘ

**Account Details** Credit Control Details Remove CPC

**CPC Account Attributes** Edit

Agency Cross **Enabled** Account Type **None**

**Broker Permissions** Edit

Search for a broker firm

CME Group Inc. GCC

**Market Type and Product Permissions** Edit Market Type Edit Products

\*\* Risk Method: CME Hosted

Market Type	Access	Product
CBOT (ClearPort)	All	
CBOT Swaps (ClearPort)	Specific	CCS - CBT - Corn Calendar Swap DFL - CBT - DAP FOB NOLA Swap DFT - CBT - DAP FOB Tampa Swap DG2 - CBT - DJ-UBS CI 2M Swap DG3 - CBT - DJ-UBS CI 3M Swap

**Account Details screen - CME Direct (CME Globex):**

**Services** Enabled for STP

CME Direct (CME Globex) ICC (CME Globex) ClearPort Clearing ⓘ Cross Venue Risk ⓘ

**Account Details** Credit Control Details Remove CMED

**iLink Session ID** Edit

iLink Session ID

[CME: ]  
 [COMEX: ]  
 [DME: ]  
 [MGE: ]  
 [NYMEX: ]

**Broker Permissions** Edit

Search for a broker firm

0  
0  
0  
0  
0

**Market Type and Product Permissions** Edit Market Type Edit Products

Market Type	Access	Product
CME Agriculture (Globex)	Specific	1CD / 1CD - CAD/USD Weekly Premium Quoted European Style Option □ 2pmFix Week 1 1JY / 1JY - JPY/USD Weekly Premium Quoted European Style Option □ 2pmFix Week 1 1SF / 1SF - CHF/USD Weekly Premium Quoted European Style Option □ 2pmFix Week 1 2AD / 2AD - AUD/USD Weekly Premium Quoted European Style Option □
COMEX (Globex)	Specific	H3E / H3E - Copper Weekly 3 Option H4E / H4E - Copper Weekly 4 Option H5E / H5E - Copper Weekly 5 Option L01 / L01 - Short-Term Gold Option L02 / L02 - Short-Term Gold Option
NYMEX (Globex)	All	



**Account Details screen - ICC (CME Globex):**

**Services** Enabled for STP

[CME Direct \(CME Globex\)](#)
[ICC \(CME Globex\)](#)
[ClearPort Clearing](#)

[Remove ICC](#)

**Execution Firms** [Edit](#)

\*\*\* Account has not been synced

\*\*\*123 TRADING (123) [Suspend Order Entry](#)

**Credit Control** [Edit](#)

[Download](#)
[Upload](#)

Execution Firm: AAA - BBB (123)

Product Group: ALL
 Product: ALL

☐ Show products with individual limits only

\* Limits appearing in **Green** are enforced limits;

Search:

Product Group	Product Name (Symbol.Type)	Restricted	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short

- e. Market Type Permissions: Goes to [Step 3 - Market Type Permissions](#).
- f. Product Permissions: Goes to [Step 4 - Product Permissions](#).
- g. Broker Permissions: **Broker Permissions**: ClearPort and CME Direct only.  
Goes to [Step 4 - Broker Permissions](#).
- h. **Credit Control Details**

[Cancel](#) [Save](#)

1: Setup
 2: Market Type Permissions
 3: Product Permissions
 4: Broker Permissions
 5: Credit Controls

**Credit Control**

Currency: Japanese Yen
 RAV Limit: 9999999999999999
 Margin Usage: ¥0
 Remaining Margin: ¥999,999,999,999
 % Margin Used: 0%

Permissible Products: Show all products tradable in this account
 [Set All Unset Limits to Zero](#)
 Search:

- Currency
- RAV (CME ClearPort) / Credit Limit (CME Globex)
- Permissible Products
- Limits

- After editing each section, select **Save**. or select the next tab.

Updates are effectively immediately.

### Additional Account functions:

- Copy:** Copy current account configuration as the basis for a new account.

**Note:** Accounts enabled for ICC cannot be copied.

- Creating Accounts via Upload:** Create multiple accounts via an upload process; using an existing account as a template.
- Updating Account Limits via Upload:** Use the upload function to manage multiple product limits for an execution firm.
- Suspend Order Entry / Allow Order Entry:** To Prevent / Allow order submission from the currently selected account, select an account, select the ICC (CME Globex) tab, then select **Suspend / Allow Order Entry**.

Account (1234567)
[Back To Search](#)

De-activate
Copy
Bulk Upload
Delete

Clearing Account Settings
Edit
^

Clearing Member	Account Number (Alias)	Description		
Clearing1	1234567	Test		
Owner Firm	Asset Manager (Controller) Firm			
<b>Account Owner</b>				
House/Customer Indicator	CTI Code	Portfolio Margin Futures	Delegated Intermediary (DI)	Margin Account
House	2	Not Enabled	Enabled	0000AAA

Services
Enabled for STP

CME Direct (CME Globex)
ICC (CME Globex)
ClearPort Clearing
Enable

Remove ICC

Execution Firms
Edit

\*\*\* Account has not been synced

\*\*\*Exec firm1 (000) (Order Entry Suspended)
Allow Order Entry

- **Save / Finalize:**

- **Activate:** To activate the account later, **search** and **select** the inactive / pending account. From the Account Settings page, select **Activate** ([Activate](#)).
- **Deactivate:** After confirming deactivation, the account cannot submit orders for previously authorized services.
- **Delete:** From the Account Settings page, **Delete** the account, then confirm the selection.

## Creating Accounts via Upload

In addition to creating individual [accounts](#), authorized users can upload a file to create multiple CME Direct and / or ClearPort accounts based on an *existing* account.

▶ **To create accounts via file upload:**

1. From the Account page, perform a clearing account [search](#).

- **Clearing Account - Search Criteria:**

*Account Type* Clearing Account Trading Account

*Service* CME Direct (CME Globex) Inline Credit Controls [(ICC)(CME Globex)] CME ClearPort Cross Venue Risk CME Straight Through Processing (STP)

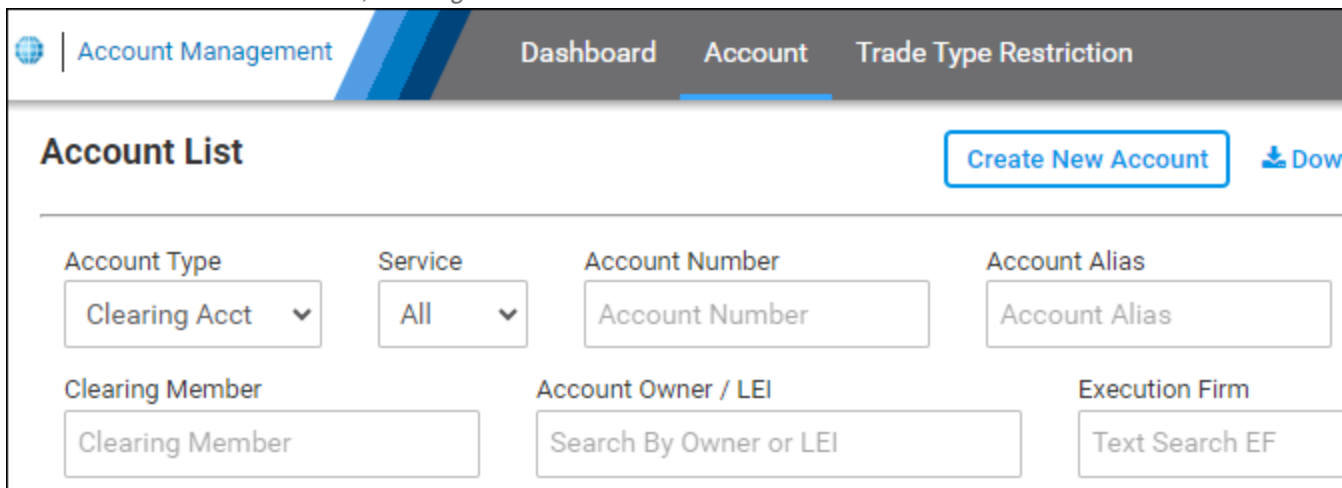
*Account Number* The alphanumeric identifier for ClearPort or Globex accounts. ClearPort account numbers may be up to 20 characters. Globex account numbers may be up to 12 characters.

*Spot FX Ref Number* Optional user specified external reference number

*Clearing Member* Registered member clearing firm

*Account Owner* Specify name or Legal Entity Identifier

Execution Firm also known as, Trading Firm Status Active / Inactive / All



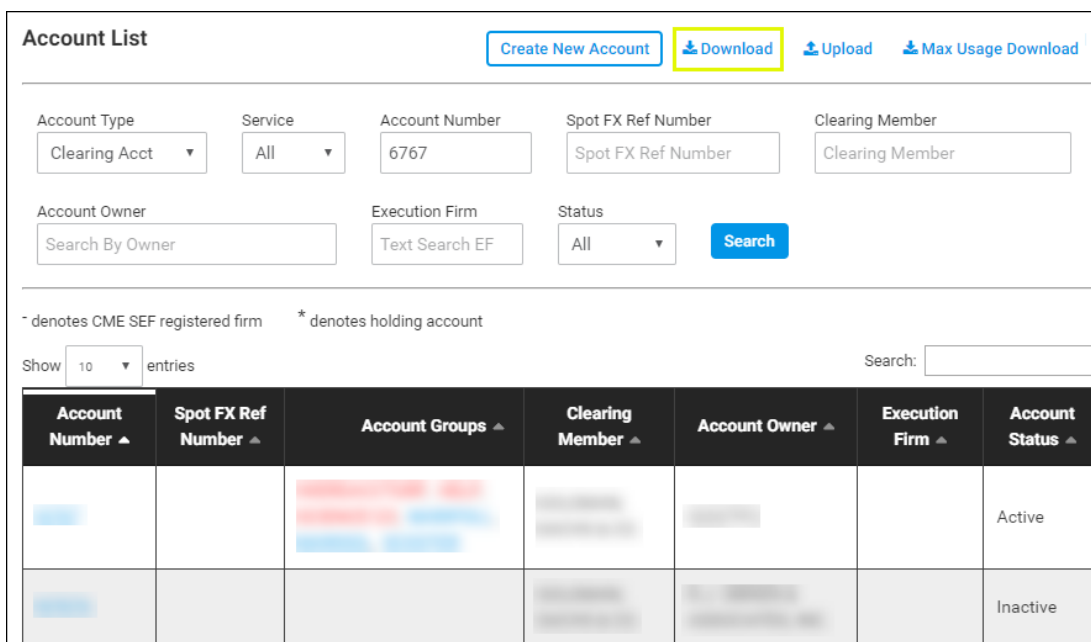
**Account List** [Create New Account](#) [Download](#)

Account Type: Clearing Acct Service: All Account Number: Account Number Account Alias: Account Alias

Clearing Member: Clearing Member Account Owner / LEI: Search By Owner or LEI Execution Firm: Text Search EF

2. On the Account(s) List search results page, select **Download** ([Download](#)).

A list of accounts is downloaded to the default download directory. The MS Excel file (*Accounts.xlsx*) includes Clearing Account Settings, Services, and Account Details (e.g. [Broker, Market Type, Products](#)).



**Account List** [Create New Account](#) [Download](#) [Upload](#) [Max Usage Download](#)

Account Type: Clearing Acct Service: All Account Number: 6767 Spot FX Ref Number: Spot FX Ref Number Clearing Member: Clearing Member

Account Owner: Search By Owner Execution Firm: Text Search EF Status: All [Search](#)

~ denotes CME SEF registered firm \* denotes holding account

Show 10 entries Search:




Account Number	Spot FX Ref Number	Account Groups	Clearing Member	Account Owner	Execution Firm	Account Status
						Active
						Inactive

**i** To update credit controls for one or more execution firms, select an ICC (CME Globex) account and execution firm. For details, refer to [Uploading ICC Limits / Credit Controls](#).

3. For the rows you intend to update, enter **X** in the **ACTION** column, then enter account details (new / existing). For detailed data descriptions, view the [Account Settings](#).

	A	B	C	D	E	F	G	H
			CLEARING_MEMBER_FIRM_ID	CLEARING_MEMBER_CLEAR_ORG	ACCOUNT_NUMBER	PB_ACCOUNT_NUMBER	DESCRIPTION	EXECUTION_FIRM_ID
1	ACTION	CLEARING_FIRM						
2		123	456	CME	I6767		Performance	
3		123	456	CME	I6767A		Performance Test124-10	
4		123	456	CME	I6767B		Performance Test124-10.	
5		123	456	CME	I6767C		Performance Test124-10.	
6		123	456	CME	I6767CP6		Performance Test124-1	
7		123	456	CME	I6767D		Performance Test124-10.	
8		123	456	CME	6767COPY		Performance Test124-10	
9		123	456	CME	ACCT6767		ACCT6767	8T4

4. **Save** the spreadsheet updates, then select **Upload** ( **Upload**).

**Account List** Create New Account  Download  Upload  Max Usage Download

Account Type: Clearing Acct Service: All Account Number: 6767 Spot FX Ref Number: Spot FX Ref Number Clearing Member: Clearing Member

Account Owner: Search By Owner Execution Firm: Text Search EF Status: All Search

5. From the drop down menu, select **ICC\_Account**, **Choose a File**, then select **Upload & Verify**.

**Upload ICC Accounts/Limits** ✕

ICC\_Account

Please select the excel file: Choose File Accounts (1).xlsx

Selected File: C:\...\Accounts (1).xlsx

Upload & Verify Cancel

 **Note:** Uploads are limited to 20,000 records / rows per upload.

The uploaded file is evaluated and validation dialog appears:

- **Success:** A confirmation message lists submitted updates, fields and values for each spreadsheet row.

**Upload ICC Accounts/Limits** ✕

ICC\_Account

Please select the excel file: Choose File Accounts (1).xlsx

Selected File: C:\...\Accounts (1).xlsx

Verification: Submit

**Uploading Staging** ✕

Validation of your upload file has completed. Please check the results below and click 'Submit' if you would like to proceed with the valid changes.

Submit OK

Total processed: 1; Error: 0; New Entries: 0; Updates: 1; No Updates: 0

- **Failure:** An error message appears, with recommended resolution.  
When uploading after an error, select **New** then choose the updated spreadsheet.

6. After receiving a successful validation message, select **Submit**.

**Upload ICC Accounts/Limits**

ICC\_Account

Please select the excel file: [Choose File](#) Accounts (1).xlsx

**Selected File: C:\...\Accounts (1).xlsx**

Verification is done. Some Creations/Updates are ready to be Submitted

100%

[Submit](#) [Cancel](#)

Total processed: 1; Error: 0; New Entries: 0; Updates: 1; No Updates: 0

Upon completion of the upload, select **OK**, then close the Upload dialog.

**Upload ICC Accounts/Limits**

ICC\_Account

Please select the excel file: [Choose File](#) Accounts (1).xlsx

**Selected File: C:\...\Accounts (1).xlsx**

Verification is done. Some Creations/Updates are ready to be Submitted

100%

[Submit](#) [Cancel](#)

Total processed: 1; Error: 0; New Entries: 0; Updates: 1; No Updates: 0

**Uploading Done**

Your current upload job is done. Click 'New' to start a new upload.

[OK](#)

## Max Usage Download

From the Accounts page, Select Max Usage to download a list of ICC accounts, for a given Execution firm, and the maximum credit usage within a specified date range.

► To view maximum usage:

1. Select the **Account** menu to go to the *Account List* page.
2. Select the **Max Usage Download** link.

Account Management Dashboard Account Trade Type Restriction

Account List [Create New Account](#) [Download](#) [Upload](#) [Max Usage Download](#)

Account Type: Clearing Acct Service: All Account Number: Spot FX Ref Number: Clearing Member: Clearing Member

Account Owner: Search By Owner Execution Firm: Text Search EF Status: All [Search](#)

3. On the window that appears, specify the **Execution Firm** and the **Date** range, then select **Download**.

The downloaded MS Excel compatible spreadsheet will display a list of ICC accounts for the execution firm and the maximum credit usage within the date range.

Max Usage Download

Select an Execution Firm

Type to select an Execution Firm

Start Date

2021-12-20

End Date

2021-12-20

Cancel

Download

## Updating ICC Account Limits via Upload

The following instructions illustrate the process to use the upload function to manage multiple product limits for an execution firm that uses ICC.

### To update ICC Credit Controls via Upload:

1. Perform an account search and select an ICC (CME Globex) enabled account,
2. From the **Services** pane, select **ICC (CME Globex)**.

Services

Enabled for STP

ICC (CME Globex)

CME Direct (CME Globex) **Enable**

ClearPort Clearing !

3. On the **Credit Control** pane that appears, select the **Execution Firm**, deselect **Show products with individual limits only**, then **Download** the spreadsheet.

Credit Control

Edit

Execution Firm

AAA - BBB (123)

Product Group

ALL

Product

ALL

☐ Show products with individual limits only

Download

Upload

\* If Product limits are not set, all orders for the product will be accepted

\* Limits appearing in **Green** are enforced limits;

Search:

Product Group ▲	Product Name (Symbol.Type) ▲	Restricted ▲	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short
ALT INVESTMENT - COMMODITY INDEX - DJ UBS CI	BTIC on Bloomberg Commodity Index Futures (AWT.FUT)		Not Set	Not Set	Not Set	Not Set

4. Open the downloaded spreadsheet (*account-number-credit.xlsx*), then update the maximum permissible **long / short limits**, for the Clearing Member Firm and/or Execution firm.
5. For all updated rows, enter **X** in the **Action** column, then **save** the updates.

	A	B	C	D	E	F	G	H	I	J	K	L	M
		CLEARING_MEMBER_FIRM_ID	CLEARING_MEMBER_CLEARING_ORG	ACCOUNT_NUMBER	EXECUTION_FIRM_ID	PRODUCT_SYMBOL	PRODUCT_TYPE	PRODUCT_EXCHANGE	CMF_LONG	CMF_SHORT	EF_LONG	EF_SHORT	PRODUCT_LONG_NAME
1	ACTION												
2	x	123	CME	123	123	00C	FUT	CBT	1	1	1	1	TEST CORN FUTURE
3		123	CME	123	123	00N	FUT	CBT					TEST 10-YEAR U.S. TR
4		123	CME	123	123	00S	FUT	CBT					TEST SOYBEANS FUT
5	x	123	CME	123	123	06E	FUT	CME	5	5	5	5	TEST EUR/USD AMER
6		123	CME	123	123	0A	FUT	NYMEX					Mini European 1% Fu
7		123	CME	123	123	0AU	FUT	CME					TEST PRODUCT AUST

6. On the Credit Control pane, select **Upload**.

Credit Control

Edit

Execution Firm

AAAA - BBB (123)

Download

Upload

Product Group

ALL

Product

ALL

☐ Show products with individual limits only

\* If Product limits are not set, all orders for the product will be accepted

\* Limits appearing in **Green** are enforced limits;

Search:

Product Group	Product Name (Symbol.Type)	Restricted	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short
ALT INVESTMENT - COMMODITY INDEX - DJ UBS CI	BTIC on Bloomberg Commodity Index Futures (AWT.FUT)		Not Set	Not Set	Not Set	Not Set

Note: Account limits can also be uploaded from the [Account List](#) page

Select **Upload, ICC\_Limits**

Upload ICC Accounts/Limits

--- Choose a Type ---

Please select the excel file:

Choose File

No file chosen

Upload & Verify

Cancel

Choose a File, then select Upload & Verify..

Account List

Create New Account

Download

Upload

Max Usage Download

Account Type

Clearing Acct

Service

All

Account Number

6767

Spot FX Ref Number

Spot FX Ref Number

Clearing Member

Clearing Member

Account Owner

Search By Owner

Execution Firm

Text Search EF

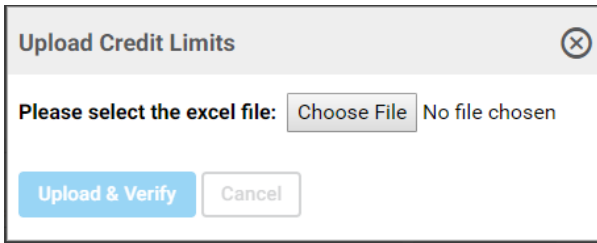
Status

All

Search

8. Choose the File, then select **Upload & Verify**.

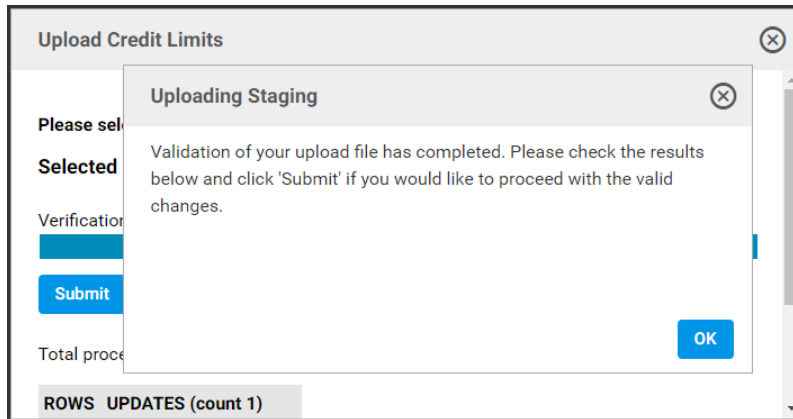




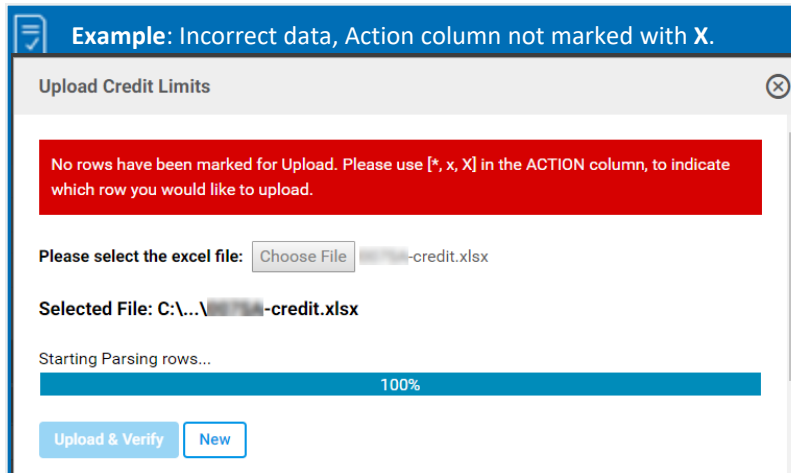
**Note:** Uploads are limited to 20,000 records / rows per upload.

The uploaded file is evaluated and validation dialog appears:

- **Success:** A confirmation message lists submitted updates, fields and values for each spreadsheet row.

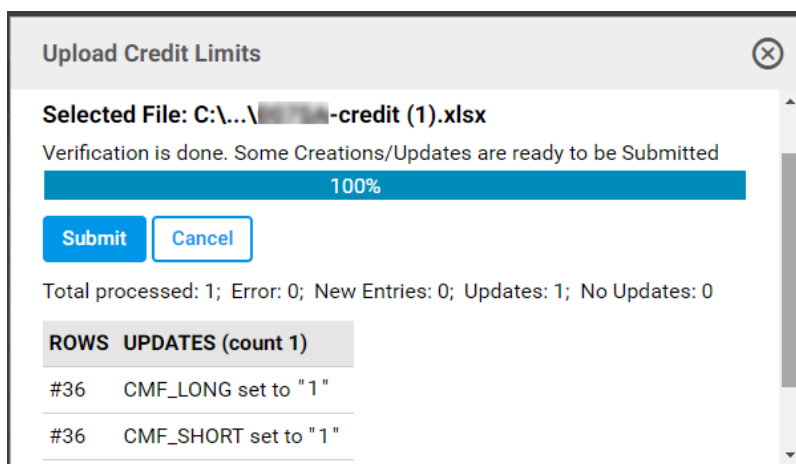


- **Failure:** An error message appears, with recommended resolution.



When uploading after an error, select **New** then choose the updated spreadsheet.

9. After receiving a successful validation message, select **Submit**, then select **OK** to close the upload dialog.



## Managing ICC Credit Controls for Multiple Execution Firms

The following instructions illustrate the process to use the upload function to manage product limits for multiple execution firms, including blocking order submission for a given product.

### Summary:

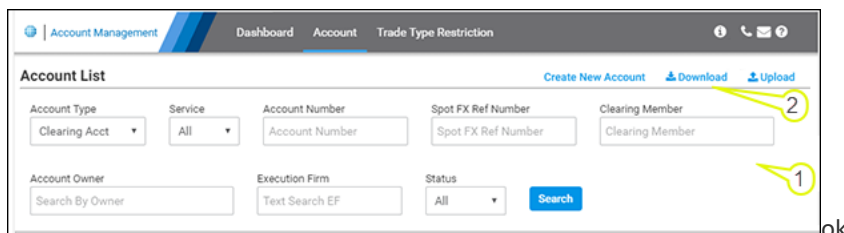
- Search and download clearing firm *accounts* list; step [1 - 2](#).
- Search for an account, then update execution firm (product) credit controls; step [3 - 5](#).
- Download account - execution firm *credit controls* spreadsheet; to use as a template; step [6 - 7](#).
- Copy execution firm details (template) to new spreadsheet rows, step [8](#).
- On the new spreadsheet rows, update account and execution firm information (from clearing firm accounts spreadsheet); step [9](#).
- Upload and validate *credit controls* spreadsheet; step [10 - 12](#).

### ▶ To manage multiple execution firm product limits, via upload:

- From the **Account** page, perform a clearing account [search](#), for ICC authorized accounts.

#### **Clearing Account - Search Criteria:**

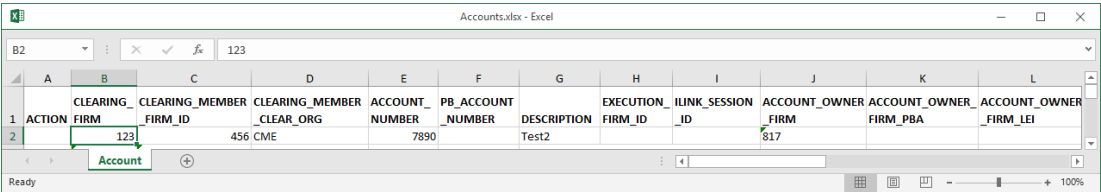
*Account Type* Clearing Account Trading Account, *Service* CME Direct (CME Globex) Inline Credit Controls [(ICC)(CME Globex)] CME ClearPort Cross Venue Risk CME Straight Through Processing (STP), *Account Number* The alphanumeric identifier for ClearPort or Globex accounts. ClearPort account numbers may be up to 14 characters. Globex account numbers may be up to 12 characters., *Spot FX Ref Number* Optional user specified external reference number, *Clearing Member* Registered member clearing firm, *Account Owner* Specify name or Legal Entity Identifier, *Execution Firm* also known as, *Trading Firm*, *Status* Active / Inactive / All



- On the Accounts list that appears, select **Download** ([Download](#)).

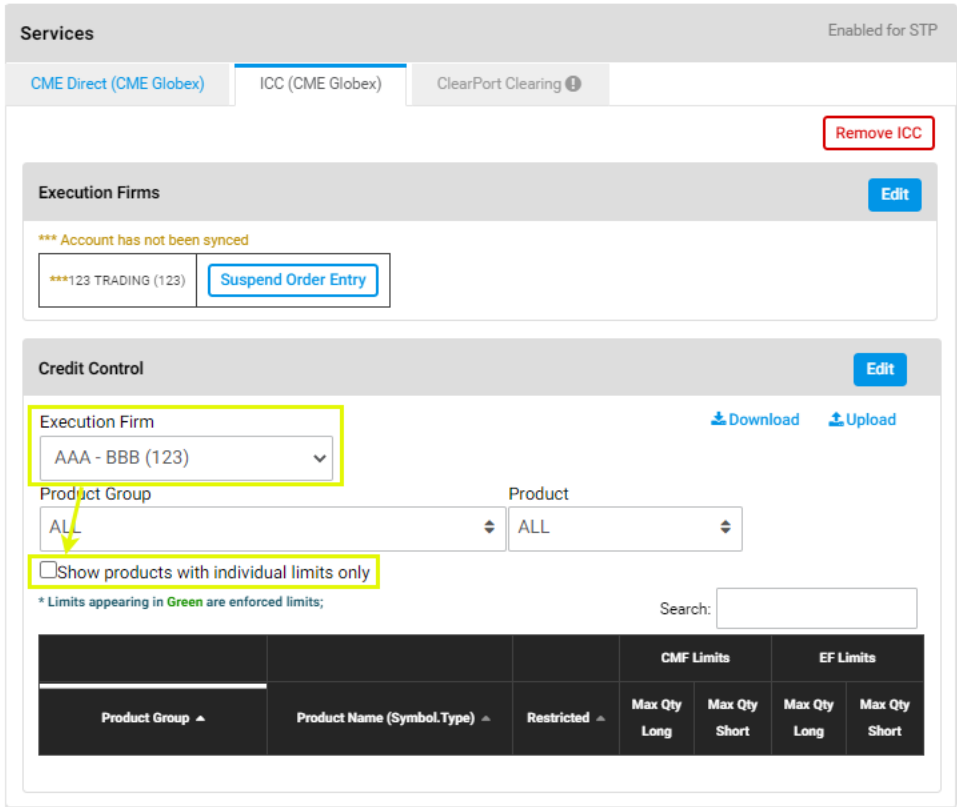
A list of accounts, authorized for this clearing firm, is downloaded to the default download directory, as a MS Excel file (**Accounts.xlsx**).

Save this file for step 9.



	A	B	C	D	E	F	G	H	I	J	K	L
		CLEARING_FIRM	CLEARING_MEMBER_FIRM_ID	CLEARING_MEMBER_CLEAR_ORG	ACCOUNT_NUMBER	PB_ACCOUNT_NUMBER	DESCRIPTION	EXECUTION_FIRM_ID	ILINK_SESSION_ID	ACCOUNT_OWNER_FIRM	ACCOUNT_OWNER_FIRM_PBA	ACCOUNT_OWNER_FIRM_LEI
1	ACTION	FIRM										
2		123		456 CME	7890		Test2			\$17		

- 3. From the search results, select an **Account Number**, then select the Service **ICC (CME Globex)**.
- 4. Select an **Execution Firm** to use as the basis for other firms, then deselect the checkbox, **Show products with individual limits only**.



**Services** Enabled for STP

CME Direct (CME Globex) ICC (CME Globex) ClearPort Clearing

Remove ICC

**Execution Firms** Edit

\*\*\* Account has not been synced

\*\*\*123 TRADING (123) Suspend Order Entry

**Credit Control** Edit

Execution Firm: AAA - BBB (123) Download Upload

Product Group: ALL Product: ALL

☐ Show products with individual limits only

\* Limits appearing in Green are enforced limits; Search:

		CMF Limits		EF Limits		
Product Group	Product Name (Symbol.Type)	Restricted	Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short

- 5. To restrict product(s), select **Edit**, modify the quantity, then select **Save**.

**Example:** To block order submission, *set Max Qty Long / Short to zero (0)*

Account (123) Back To Search

De-activate Copy Delete

### Clearing Account Settings

Clearing Member: [Redacted] Account Number (Alias): 123 Description: Acct used to route trades

Owner Firm: [Redacted] Asset Manager (Controller) Firm: [Redacted]

House/Customer Indicator: Customer CTI Code: 4 Portfolio Margin Futures: Not Enabled Delegated Intermediary (DI): Not Enabled Margin Account: 123

### Services

ICC (CME Globex) CME Direct (CME Globex) ClearPort Clearing

### Credit Control

Execution Firm: 123 TRADERS (123) Download Upload

Product Group: ALL Product: ALL ☐ Show products with individual limits only

\* If Product limits are not set, all orders for the product will be rejected  
 \* Limits appearing in Green are enforced limits;

Search: BIT

Product Group	Product Name (Symbol,Type)	Restricted	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short
FINANCIALS - EQUITY - US INDEX	Bitcoin Futures (BTC.FUT)		0	0	Not Set	Not Set
FINANCIALS - EQUITY - US INDEX - SMALL CAP INDEX	BTIC on E-mini Nasdaq Biotechnology Index Futures (BIT.FUT)		Not Set	Not Set	Not Set	Not Set

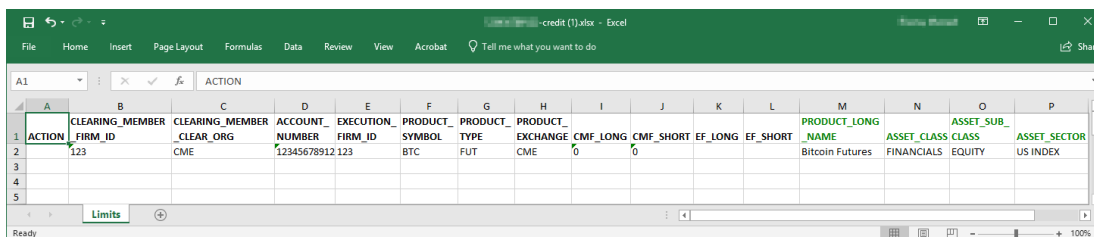
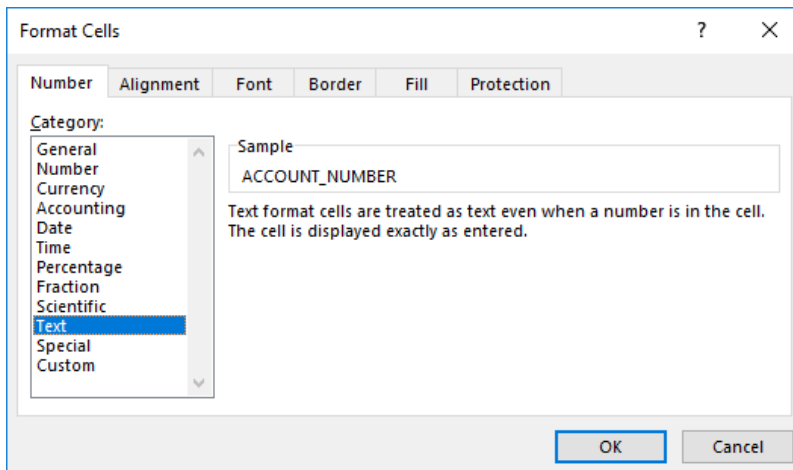
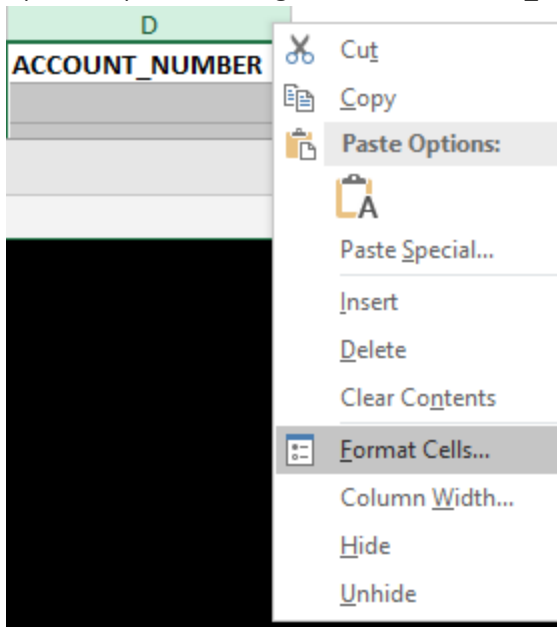
5 Cancel Save Edit

6

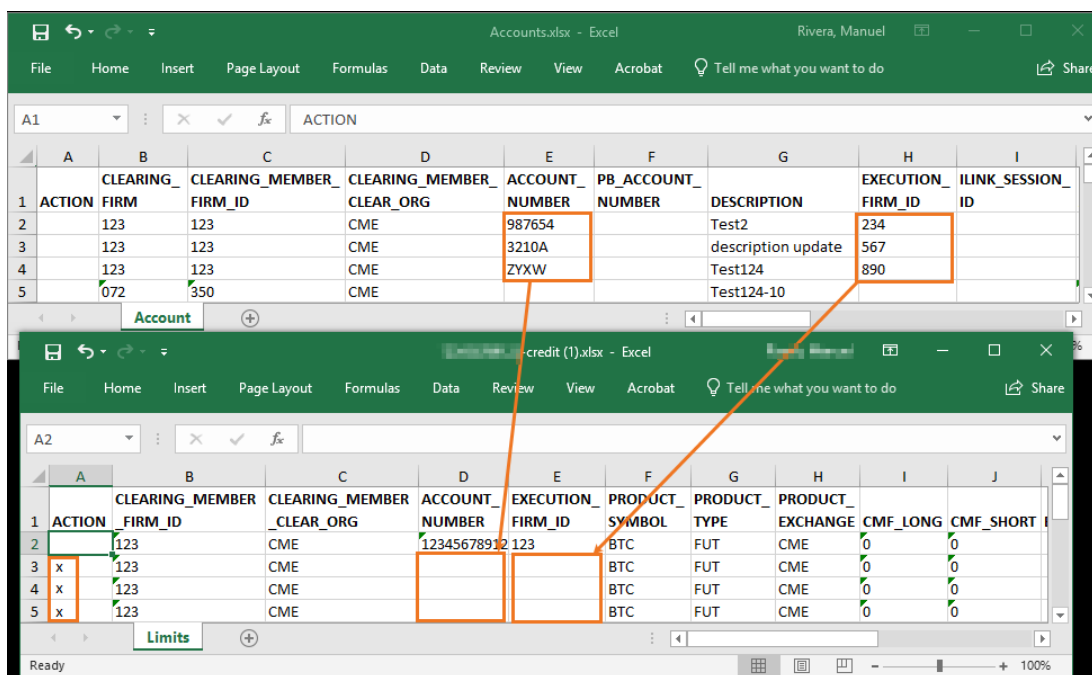
Once confirmed the execution firm cannot submit trades for this product.


6. **Download** the credit control spreadsheet (*account-num\_credit.xlsx*) for the selected account and execution firm.

7. Open the spreadsheet, right-click the **ACCOUNT\_NUMBER** column and format to **Text (Number tab)**.



8. Copy the row then duplicate as many times as necessary for the accounts you want to restrict.
9. Open the Accounts.xlsx spreadsheet, copy the ACCOUNT\_NUMBER and EXECUTION\_FIRM\_ID values to the account number fields of the acct-num\_credit.xlsx spreadsheet.
- In the **ACTION** column, enter X for all updated rows.



10. **Save** the spreadsheet updates, select **Upload** () **Upload**), then select an upload type.
11. Select **ChooseFile**, browse to the file, then select **Upload & Verify**.

**Note:** Uploads are limited to 20,000 rows. For more than 20,000, perform additional uploads.

The uploaded file is evaluated and validation dialog appears:

- **Success:** A confirmation message lists submitted updates, fields and values for each spreadsheet row.
- **Failure:** An error message appears, with recommended resolution.

When uploading after an error, select **New** then choose the updated spreadsheet.

12. After receiving a successful validation message, select **Submit**.

Upon completion of the upload, select **OK**, then close the Upload dialog.

## Copying Accounts

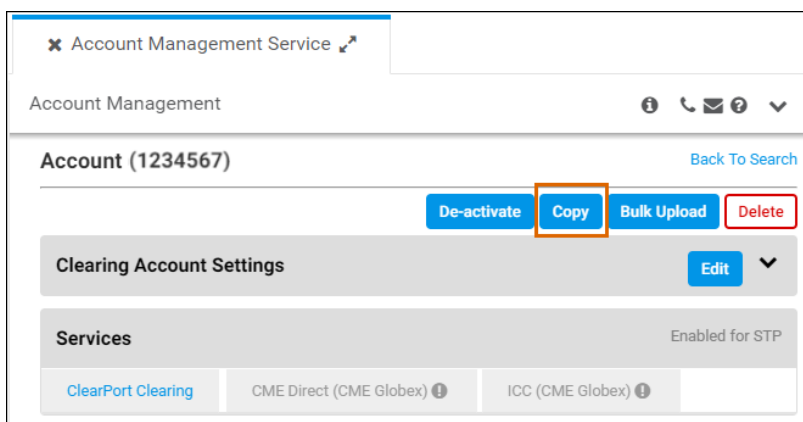
Using existing account details as a basis, authorized users can create new accounts, changing necessary details as required.

### To copy an account:

1. Click the **Accounts** tab.
2. [Search](#) for the account to use as a basis.
3. From the accounts list, select the [Account](#) to copy from.

**Note:** Accounts enabled for ICC cannot be copied.

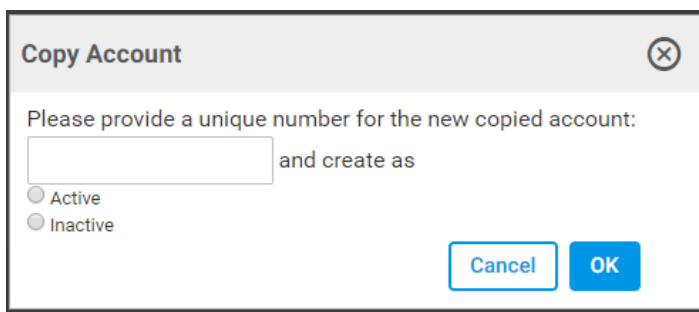
4. Review the Account Settings and Services (to ensure it is correct), then select **Copy**.




The screenshot shows the 'Account Management Service' interface. At the top, there's a header with the service name and a search icon. Below that, the 'Account Management' section displays 'Account (1234567)' with a 'Back To Search' link. A row of action buttons includes 'De-activate', 'Copy' (highlighted with an orange box), 'Bulk Upload', and 'Delete'. Below this is a 'Clearing Account Settings' section with an 'Edit' button and a dropdown arrow. The 'Services' section shows 'Enabled for STP' and a list of services: 'ClearPort Clearing', 'CME Direct (CME Globex)', and 'ICC (CME Globex)'.

**Note:** Any assigned sub-accounts are not copied.

5. In the message that appears, enter a unique account number.
6. Select whether to create the account as **Active** or **Inactive**, then select OK.



The 'Copy Account' dialog box prompts the user to 'Please provide a unique number for the new copied account:' followed by a text input field. Below the input field, it says 'and create as' with two radio button options: 'Active' and 'Inactive'. At the bottom right, there are 'Cancel' and 'OK' buttons.

7. On the newly created account settings page, review and update configuration details, including [Account Settings](#), [Services](#), [Broker Permissions](#), [Market Type](#), [Products](#).
8. To finalize account setup and enable the account, **Save** individual sections, then select **Activate** ().

# Credit Controls

Clearing Member and Execution firm administrators can use the Credit Controls function to manage CME Globex, CME ClearPort and CME Direct account level credit (preferred currency and maximum credit limit) and order submission (maximum permissible long / short) limits, for a product group and individual products.

Trader / Trader Risk Administrators can use Credit Controls to view and manage risk settings, including credit and long / short quantity limits.

Order handling:

- Credit limit checks utilize top of day trading activity; starts flat each trading day.
- Orders that are within limits are approved for execution.
- CME Globex trades, submitted using CME Direct, can be viewed in [Firmsoft](#).
- Orders are rejected if they contain restricted products or requested quantities exceed limits.
- Margin rates and intra-commodity spread credits are used to determine credit usage, by product and type of trade.
- Completed orders are viewable in [Front-End Clearing \(FEC+\)](#).
- Options product limits are set independently of futures and are subject to overall credit limit.

Rejected order handling: An authorized clearing / execution firm administrator must increase the limit and / or configure additional products.

Available functions:

- [Managing Account Credit Controls](#)
- [Calculating / Setting Option Limits](#)
- [Account Credit Control Models](#)
- [CME ClearPort Product Position Limit Checking](#)

## Managing Account Credit Controls

▶ **To manage account credit controls:**

Users can specify the Currency, Credit Limit, Maximum Quantity Long / Short Limits (product quantity limits are not required for CME ClearPort).

1. After selecting a Service and specifying [Markets](#), [Products](#) and [Brokers](#), go to the **Credit Controls** page; available for *CME Direct (CME Globex)* and *ClearPort Clearing*.
2. Specify the **Currency** and **Credit Limit (CME Direct) / RAV Limit (CME ClearPort)** and product limits (Maximum quantity long / short).

Margin rates and [intra-commodity spread](#) credits are used to determine credit usage, remaining credit and percent used; by product and type of trade.

For option limits the system uses the (futures equivalent) most restrictive of *credit*, *product permissions*, *long/short product* limits.



- **CME Direct - Credit Controls** *Credit Limit is required.*

**Services** Enabled for STP

CME Direct (CME Globex) **Pending** ClearPort Clearing **Pending** Cross Venue Risk **Enable** ICC (CME Globex) **Enable**

**Account Details** Cancel Save Remove CMED

1: Setup 2: Market Type Permissions 3: Product Permissions 4: Broker Permissions 5: Credit Controls

**Credit Control**

Note: Setting options quantity limits is optional. If no limit is set for options, trading in options may occur up to the futures limit. Options are converted into futures equivalent quantities by applying delta.  
Intra-commodity spread quantities for futures and options are reflected as 15% of the order quantity.

Currency: US Dollar Credit Limit: 5 Credit Usage: 0 Remaining Credit: 0 % Credit Limit Used:  Start of Day Positions: Not Enabled

Permissible Products: Show all products tradable in this account Set All Unset Limits to Zero Search:

Product Symbol ▲	Globex / Clearing Code ▲	Product Type ▲	Max Qty Long	Max Qty Short	Net Fills	% of Max Qty Long Used	% of Max Qty Short Used	Working Long	Working Short	Net Fills + Working Long	Net Fills + Working Short
E-mini S&P 500 Futures Synthetic	ECES / ECES	FUT	<span>1</span>	<span>1</span>							
E-mini S&P 500 Monday Options	MMW / MMW	OOO	<span>zero</span>	<span>zero</span>							

- **CME ClearPort - Credit Controls** *RAV Limit is required.*



- **Inline Credit Controls (ICC):** (optional) Specify product level Clearing and / or Execution Firm position limits.

See also: [ClearPort Product Position Limit Checking](#)

- For the Permissible Products field, select from available options:

- Show all products with unique limits: Filter the Product list to products that have user specified limits.
- Show all products tradable in this account: View all authorized products, via Market Types - [Available Products](#).

- For each product that will be authorized, specify the **Max Qty Long** / **Max Qty Short**.

**Note: For Globex ICC only:** Default value is **Not Set**, which uses the [Globex Admin Policy](#) settings to determine order entry and trading permission.  
Admin Settings - Unset Limit Rule: When limits are *not set* (by either Clearing Member or Execution Firm) for the specified account, the account is limited to trading products within the overall firm [Credit Limit](#).  
Additional considerations: See also: [Calculating option limits](#).

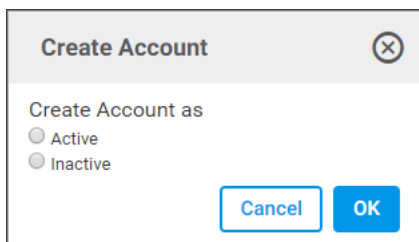
- To finalize Credit Control settings, select **Save**.

- (For new / pending accounts) On the account creation dialog that appears, select an account creation option:

Create Account as:

- **Active:** Finalize credit controls and activate the account. Additional configuration, for other applications / services, may be necessary.

- **Inactive:** Finalize credit controls, but do not activate the account. Additional configuration can be performed or the account configuration can be used as the basis for additional related accounts (via the [Account Copy](#) function).



The image shows a 'Create Account' dialog box with a close button (X) in the top right corner. Below the title bar, it says 'Create Account as' followed by two radio button options: 'Active' and 'Inactive'. At the bottom right, there are two buttons: 'Cancel' and 'OK'.

**Note:** To activate the account later, **search** and **select** the inactive account. From the Account Settings page, select **Activate**.

#### Additional Options:

- [Manage Spot FX Credit Controls](#)
- [Calculating / Setting Option Limits](#)
- [Account Credit Control Models](#)
- [Product Position Limit Checking](#)
  - [Futures Products](#)
  - [General](#)
  - [Option Products](#)

#### Additional Resources:

- [Globex Credit Controls Calculations Overview](#)
- [Managing ICC credit controls](#)
- [Calculating ICC \(credit\) limits](#)
- [CME Globex Credit Controls](#)

## Managing ICC Credit Controls / Product Limits

Clearing Member, Execution firm, Clearing Firm Account administrators can use the Credit Controls function to manage ICC (CME Globex) / Spot FX product level credit controls and maximum long / short order submission limits.

Trader / Trader Risk Administrators / can use Credit Controls to search and view risk settings, which includes credit and maximum permissible long / short quantity limits.

#### Order handling:

- Credit limit checks utilize top of day trading activity; starts flat each trading day.
- Orders that are within limits are approved for execution.
- Orders are rejected if they contain restricted products, requested quantities exceed limits, originate from unregistered accounts or for products with unset limits.
- Options product limits are set independently of futures and are subject to overall credit limit.
- Active Delegated Intermediary (parent) accounts cannot be updated via upload.

Based on ICC Policy settings and product limits, rejected orders may require an authorized clearing / execution firm administrator to modify product limits or [ICC policy](#) settings.

▶ **To manage ICC account credit controls:**

1. To set ICC product limits, search and select the account.

The screenshot shows the 'Account List' section of the Account Management dashboard. It includes a search bar with the following filters: Account Type (Clearing Acct), Service (All), Account Number (Account Number), Account Alias (Account Alias), Spot FX Ref Number (Spot FX Ref Number), Clearing Member (Clearing Member), Account Owner / LEI (Search By Owner or LEI), Execution Firm (Text Search EF), and Status (All). A 'Search' button is located at the bottom right of the filter section. Above the filters are buttons for 'Create New Account', 'Download', 'Upload', and 'Max Usage Download'.

2. Select the ICC (CME Globex) tab then select **Edit**.

The screenshot shows the 'Services' section of the dashboard. The 'ICC (CME Globex)' tab is selected, and the 'Edit' button is highlighted. Other tabs include 'CME Direct (CME Globex)' and 'ClearPort Clearing'. The status 'Enabled for STP' is shown in the top right corner.

3. On the Credit Control pane that appears, select **Edit**, then select the **Execution Firm** to manage.

The screenshot shows the 'Credit Control' pane. The 'Execution Firm' dropdown is set to 'AAAA - BBB (123)'. The 'Product Group' is set to 'ALL' and the 'Product' is set to 'ALL'. The checkbox 'Show products with individual limits only' is checked. A table below shows the product limits for the selected execution firm.

Product Group	Product Name (Symbol.Type)	Restricted	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short
FINANCIALS - INTEREST RATE - SHORT TERM NON-GOV	1 MONTH EURODOLLAR FUTURES (GLB.FUT)		Not Set	Not Set	Not Set	Not Set

If individual product limits are set, results appear in the table below.

4. To view and manage additional products, deselect **Show products with individual limits only**.
5. For each product that will be authorized, specify the **Max Qty Long / Max Qty Short**.

**Services** Enabled for STP

CME Direct (CME Globex) Pending
ClearPort Clearing
ICC (CME Globex)
Cross Venue Risk Enable

Cancel Save

**Credit Control**

Execution Firm: AAAA - BBB (123) Download Upload

Product Group: ALL Product: ALL

☐ Show products with individual limits only

\* If Product limits are not set, all orders for the product will be accepted

\* Limits appearing in Green are enforced limits

Search:

Product Group ▲	Product Name (Symbol,Type) ▲	Restricted ▲	CMF Limits		EF Limits	
			Max Qty Long	Max Qty Short	Max Qty Long	Max Qty Short
ALT INVESTMENT - COMMODITY INDEX - DJ UBS CI	Bloomberg Roll Select Commodity Index Futures (DRS.FUT)		1	1	Not Set	Not Set

**For ICC (Globex ICC):** Default [Globex Admin Policy](#) permits order submissions when product limits are **Not Set**. All accounts are limited to trading products within the overall firm [Credit Limit](#); even when limits are not set.

6. To finalize ICC Credit Control settings, select **Save**.

#### Additional functions:

[Managing Credit Controls](#)

[Managing execution firm product limits via upload](#)

[Calculating ICC Limit with examples](#)

## Calculating ICC Limits

Inline Credit Controls (ICC) support account-based, in-line, position limit controls for Globex orders, which are set by Clearing Member Firm (CMF), Legal Clearing Entity (LCE) and/or Execution Firm (EF) account administrators.

- LCE Account admins associate a clearing account established in Account Manager to an Execution Firm ID and identify a trading firm owner for the account.
- Accounts are created by Clearing Member Firm, LCE or EF . Separate limits may be managed by both LCE and EF admins, with the most restrictive limits prevailing.
- Only product-level position limits may be set on accounts.
- Separate limits may be set for futures and options. Option limits are delta-based values.
- E-mail notifications will be sent out for breaches of percentage threshold levels set by account administrators.
- An upload of ICC accounts from an Excel spreadsheet will be supported for limits management within CME Account Manager.

- Calculations are done at the product level (see below calculations and examples)
  - All incoming orders treated on a delta basis per product (1.0 or -1.0 delta = 1 contract)
  - Delta values for option instruments are fixed at the start of each trading day (no intraday changes)
  - The minimum delta value imposed on calls is 0.1 and on puts is -0.1

**Note:** For futures and options, spread orders with “balanced” intra-commodity spread quantity result in working long and short quantity equal to 15% of balanced quantity.

**Example:** An intra-commodity spread order to buy 100 CLZ18 – CLZ19 results in working long of 15 in CLZ18 and working short of 15 in CLZ19

## Position Limit Calculations

Position limit calculations are described below:

- Every ICC Account starts the new trading day with a flat position.
- Positions are reset at 4:07 PM CT daily, including holidays (when trading is suspended).
- Accounts position limits are reset to zero, at 4:07 PM CT daily, including holidays and regular market closure.

## Futures Max Long and Short Position Usage Calculations

Long Usage = Working Long + Traded Long – Traded Short

AND

Short Usage = Working Short + Traded Short – Traded Long

WHERE

- Working Long = Long quantity of open orders (in cleared contracts) + (Calendar Spread Order Quantities \* 15%)
- Working Short = Short quantity of open orders (in cleared contracts) + (Calendar Spread Order Quantities \* 15%)
- Calendar Spread Order Quantities = for each working spread order:

$$\sum_{SO=1}^n \text{Min Long Quantity in a spread order, Short Quantity in the same spread order) for the same Product}$$

- Note:**
- Long and Short Quantities in spread are after application of the leg ratios and applicable contract multipliers.
  - In the spread order, any residual leg quantity above the min quantity on the long or short side of a spread order is considered an outright long / short quantity and is added separately to the working long / short side.
  - Only orders for futures contracts (i.e., futures or spreads) are considered for Working and Traded Quantities when testing against Futures Max Long or Max Short Position Limits.
  - If Long Usage < 0, then Long Usage is displayed in CME Account Manager as 0. (Negative quantities are not displayed for Net Long Positions).
  - If Short Usage < 0, then Short Usage is displayed as 0. (Negative quantities are not displayed for Net Short Positions).

## Options Max Long and Short Position Usage Calculations

Long Usage = Working Long + Traded Long – Traded Short

AND

Short Usage = Working Short + Traded Short – Traded Long

WHERE

- Working Long = Futures Equivalence of (buy call/sell put) open orders (in cleared contracts) + (Futures Equivalence of Option Calendar Spread Order Quantities \* 15%)
- Working Short = Futures Equivalence of (sell call/buy put) open orders (in cleared contracts) + (Futures Equivalence of Option Calendar Spread Order Quantities \* 15%)
- Option Cal Spread Order Quantities = for each working option spread order:

$$\sum_{S0=1}^n \text{Min (Fut Eqv of Long Qty in Spd Ord, Fut Eqv Short Qty in the same Spd Ord)} \\ \text{for the same Product}$$

**Note:**

- Long and Short Quantity in spread are after application of the leg ratios and applicable contract multipliers.
- In the option cal spread order, any residual quantity (measured in Futures Equivalence) above the min quantity on the long or short side of a spread order is considered outright long / short quantity and is added separately to the working long / short side.
- Only orders for option contracts are considered for Working and Traded Quantities.
- If Long Usage < 0, then Long Usage is displayed as 0 in CME Account Manager. (Negative quantities are not displayed for Net Long Positions).
- If Short Usage < 0, then Short Usage is displayed as 0. (Negative quantities are not displayed for Net Short Positions).

## Calculation Examples

Available examples:

[Risk Control Algorithm](#)

[Crude Oil Futures](#)

[Crude Oil Options](#)

[Futures Outright with Default Contract Multiplier](#)

[Futures Outright with Contract Multiplier not Equal to 1](#)

[Futures Spread](#)

[Option Outright](#)

[Options Spread](#)

## Risk Control Algorithm

The risk control algorithm tracks the order size for each account at the product code level based on:

- Long Usage = Working Long + Traded Long - Traded Short
- Short Usage = Working Short + Traded Short - Traded Long

The available order size will be determined as follows:

- Long Order Size = Max Long Limit - Long Usage
- Short Order Size = Max Short Limit - Short Usage

The traded long and traded short positions are reset back to zero at the end of each day upon market close.

If the running long or short usage values for a product are such that it becomes less than zero, then the negative position will be used in the calculation and stored by Account Manager, but Account Manager will display a zero for Long or Short negative usage value.

The risk control algorithm always breaks spreads down into legs and acts upon the legs of a spread, not the spread instrument itself.

The security type and spread type figure prominently in how the risk control algorithm tabulates usage values:

\*Delta is an option related statistic which is based on the price movements of the underlying future contract and plays an important part in determining the working position for options. Delta is used as a “hedge ratio” to determine the futures equivalence of the option order. It is the futures equivalence of the option order that the Option Position Limits will apply to.

The value of the option delta is considered to one decimal place, such that the minimum delta applicable will be 0.1 and the maximum will be 1. For example, a delta value such as 0.4985 is rounded up to 0.5.



**Note:** Delta values are determined at the start of each trading session and are not updated subsequent to the initial determination.

### Crude Oil (CL) Futures Example

Action	Long Usage	Short Usage	Working Long	Working Short	Trade Long	Trade Short
Buy Order 15 CLF18	15 (15+0-0)	0 (0+0-0)	15	0	0	0
Buy Order Trades 5 CLF18	15 (10+5-0)	-5 (0+0-5)	10	0	5	0
Sell Order 100 CLZ19	15 (10+5-0)	95 (100+0-5)	10	100	5	0
Buy Order 50 CLH18 – CLM18 (calendar spread)	22.5 (17.5+5+0)	102.5 (107.5+0-5)	17.5 (10+ (50*.15))	107.5 (100+ (50*.15))	5	0
Buy spread order trades 20 CLH18- CLM18	19.5 (14.5+25-20)	102.5 (104.5+20-25)	14.5 (10+(30*.15))	104.5 (100+ (30*.15))	25	20

### Crude Oil (LO) Options Example

Action	Long Usage	Short Usage	Working Long	Working Short	Trade Long	Trade Short
Buy Order 30 LOF18 49C (0.50 delta)	15 = ((30*.50)*0-0)	0 = (0+0-0)	15 = (30*.50)	0	0	0
Buy Order Trades 10 LOF18 49C	15 = ((20*.5)+ (10*.5)-0)	-5 = (0+0-(10*.5))	10 = (20*.5)	0	5 = (10*.5)	0
Buy Order 500 LOZ19 45P (-0.20 delta)	15 = (10+5-0)	95 = (100+0- 5)	10	100 = (500*.20)	5	0
UDS Order B 200 LOG18 55C (0.25 delta) S 50 LOG18 30C (1.0 delta)	22.5 = (17.5+5+0)	102.5 = (107.5+0-5)	17.5 = (10+ (200*0.25)*.15)	107.5 (100+ (50*.15))	5	0
Buy spread order trades 80 LOG18 55C (0.25 delta) S 20 LOG18 30C (1.0 delta)	19.5 = (14.5+25-20)	99.5 = (104.5+20- 25)	14.5 = (10+ (120*.25)*.15)	104.5 (100+ (30*.15))	25 = (5+ (80*.25))	20 = (20*1.0)

### Futures Outright with Default Contact Multiplier

The futures outright calculation is based on order quantity and contract multiplier (Tag 231 in the 35=d security definition). Where available the contract multiplier will be used otherwise it will just default to 1.



**Note:** The contract multiplier is used to converted traded quantity to cleared quantity.

Instrument	GEZ1
Contract Multiplier	1
Max Long Limit (GE-FUT)	100
Max Short Limit (GE-FUT)	100

### Example

Message Flow	Working Long	Working Short	Traded Long	Traded Short	Net Long Usage	Net Short Usage	Avail Max Long Limit	Avail Max Short Limit	Comments
Buy New Order With Quantity of 10	10	-	-	-	10	-	90	100	$WL = 10 \times 1 = 10$ $NL = 10 + 0 - 0 = 10$  Avail Max Long Limit = Limit - (Working Long + Traded Long - Traded Short) $100 - (10 + 0 - 0) = 90$ Avail Max Short Limit = Limit - (Working Short + Traded Short - Traded Long) $100 - (0 + 0 - 0) = 100$
Cancel Replace to Quantity of 20	20	-	-	-	20	-	80	100	$WL = 20 \times 1 = 20$ $NL = 20 + 0 - 0 = 20$  Avail Max Long Limit = Limit - (Working Long + Traded Long - Traded Short) $100 - (20 + 0 - 0) = 80$ Avail Max Short Limit = Limit - (Working Short + Traded Short - Traded Long) $100 - (0 + 0 - 0) = 100$
Complete Fill for Quantity of 20	0	-	20	-	20	(-20)	80	120	$NL = 0 + 20 - 0 = 20$  $NS = 0 + 0 - 20 = -20$ Avail Max Long Limit = Limit - (Working Long +



									Traded Long - Traded Short) $100 - (0 + 20 - 0) = 80$ Avail Max Short Limit = Limit - (Working Short + Traded Short - Traded Long) $100 - (0 + 0 - 20) = 120$
Sell New Order With Quantity of 10	0	10	20	-	20	(-10)	80	110	WS = $10 \times 1 = 10$ NS = $10 + 0 - 20 = -10$ Avail Max Long Limit = Limit - (Working Long + Traded Long - Traded Short) $100 - (0 + 20 - 0) = 80$ Avail Max Short Limit = Limit - (Working Short + Traded Short - Traded Long) $100 - (10 + 0 - 20) = 110$
Cancel Replace to Quantity of 20	0	20	20	-	20	0	80	100	WS = $20 \times 1 = 20$ NS = $20 + 0 - 20 = 0$ Avail Max Long Limit = Limit - (Working Long + Traded Long - Traded Short) $100 - (0 + 20 - 0) = 80$ Avail Max Short Limit = Limit - (Working Short + Traded Short - Traded Long) $100 - (20 + 0 - 20) = 100$
Complete Fill for Quantity of 20	0	0	20	20	0	0	100	100	NL = $0 + 20 - 20 = 0$ NS = $0 + 20 - 20 = 0$ Avail Max Long Limit = Limit - (Working Long + Traded Long - Traded Short) $100 - (0 + 20 - 20) = 100$ Avail Max Short Limit = Limit - (Working Short +

Traded Short -  
Traded Long) 100 -  
(0 + 20 - 20) = 100  
Traded short  
increases  
acceptable long  
order size

### Futures Outright with Contract Multiplier not Equal to 1(CMED 50MW Power)

Futures outright calculations are based on order quantity and contract multiplier (Number of deliverable units per instrument, for example, number of peak days or calendar days in maturity month). Where available the contract multiplier will be used; otherwise will default to 1.

Instrument	J4LZ8
Contract Multiplier	200
Max Long Limit (J4L-FUT)	20,000
Max Short Limit (J4L-FUT)	20,000

### Example

Message Flow	Working Long	Working Short	Traded Long	Traded Short	Net Long Usage	Net Short Usage	Avail Max Long Limit	Avail Max Short Limit	Comments
Buy New Order With Quantity of 10	2000	-	-	-	2000	-	18000	20000	WL = 10 X 200 = 2,000 NL = Working Long + Traded Long - Traded Short = 2,000 + 0 - 0 = 2,000 Avail Max Long Limit = 20,000 - 2,000 = 18,000
Cancel Replace to Quantity of 20	4000	-	-	-	4000	-	16000	20000	WL = 20 X 200 = 4000 NL = 4,000 + 0 - 0 = 4,000 Avail Max Long Limit = 20,000 - 4,000 = 16,000
Complete Fill for Quantity of 20	0	-	4000	-	4000	(-4000)	16000	24000	NL = 0 + 4,000 - 0 = 4,000 NS = 0 + 0 - 4,000 = -4,000 Avail Max Long Limit = 20,000 - 4,000 = 16,000 Avail Max Short Limit = 20,000 - (-4,000) = 24,000

Sell New Order With Quantity of 10	0	2000	4000	-	4000	(-2000)	16000	22000	$WS = 10 \times 200 = 2,000$ $NS = 2,000 + 0 - 4,000 = -2,000$ Avail Max Short Limit = $20,000 - (-2,000) = 22,000$
Cancel Replace to Quantity of 20	0	4000	4000	-	4000	0	16000	20000	$WS = 20 \times 200 = 4,000$ $NS = 4,000 + 0 - 4,000 = 0$ Avail Max Short Limit = $20,000 - 0 = 20,000$
Complete Fill for Quantity of 20	0	0	4000	4000	0	0	20000	20000	$NL = 0 + 4,000 - 4,000 = 0$ $NS = 0 + 4,000 - 4,000 = 0$ Avail Max Long Limit = $20,000 - 0 = 20,000$ Avail Max Short Limit = $20,000 - 0 = 20,000$ Traded short increases available long order size

## Futures Spread

Futures spread calculations are based on the trade legs only such that:

- The effective side of each leg is derived based on spread side x leg side.
- Buy and sell legs belonging to the same product code could offset each other to the extent possible after taking into account their respective leg ratios.
- The working quantity only (not traded) are further offset by a spread contribution factor such that a configurable value such as 15% will be multiplied with the leg ratio which could be offset between both sides.
- If spread legs belong to a single side or if spread legs belong to different product codes, then no spread contribution factor will be applicable.
- The buy side working quantity for all spread legs belonging to the same product code = total buy leg ratio – total sell leg ratio (if negative then zero) + spread contribution factor (15% of leg ratio common to both buy & sell sides) x spread quantity.
- The sell side working position for all spread legs belonging to the same product code = total sell leg ratio – total buy leg ratio (if negative then zero) + spread contribution factor (15% of leg ratio common to both buy & sell sides) x spread quantity.
- The buy side traded position for all spread legs belonging to the same product group = total buy leg ratio x traded quantity.
- The sell side traded position for all spread legs belonging to the same product group = total sell leg ratio x traded quantity.

quantity.

- Product code is uniquely qualified with a combination of product code + security type + exchange.

Instrument	GE:BF M8-U8-Z8
Max Long Limit (GE - FUT	100
Max Short Limit (GE-FUT)	100
Spread Contribution Factor	15%

Leg Instrument	Leg Side	Leg Ratio	Product Code
GEM8	Buy	1	GE
GEU8	Sell	2	GE
GEZ8	Buy	1	GE



**Example:** Spread contribution factor: 15% of 2 = 0.3 since buy leg ratio (2) and sell leg ratio (2) are the same and offset each other.

Message Flow	Working Long	Working Short	Traded Long	Traded Short	Net Long Usage	Net Short Usage	Avail Max Long Limit	Avail Max Short Limit	Comments
Buy New Order With Quantity of 10	3	3	-	-	3	3	97	97	Working Long = $2 - 2 + 0.3 \times 10 = 3$ Working Short = $2 - 2 + 0.3 \times 10 = 3$
Cancel Replace to Quantity of 20	6	6	-	-	6	6	94	94	Working Long = $2 - 2 + 0.3 \times 20 = 6$ Working Short = $2 - 2 + 0.3 \times 20 = 6$
Complete Fill for Quantity of 20	0	0	40	40	0	0	100	100	NL = WL (0) + TL (40) – TS (40) = 0 NS = WS (0) + TS (40) – TL (40) = 0
Sell New Order With Quantity of 10	3	3	40	40	3	3	97	97	Working Long = $2 - 2 + 0.3 \times 10 = 3$ Working Short = $2 - 2 + 0.3 \times 10 = 3$ NL = WL (3) + TL (40) – TS

									$(40) = 3$ $NS = WS (3) +$ $TS (40) - TL$ $(40) = 3$
Cancel Replace to Quantity of 20	6	6	40	40	6	6	94	94	Working Long $= 2 - 2 + 0.3 \times 20 = 6$ Working Short $= 2 - 2 + 0.3 \times 20 = 6$ $NL = WL (6) +$ $TL (40) - TS$ $(40) = 6$ $NS = WS (6) +$ $TS (40) - TL$ $(40) = 6$
Complete Fill for Quantity of 20	0	0	80	80	0	0	100	100	$NL = WL (0) +$ $TL (80) - TS$ $(80) = 0$ $NS = WS (0) +$ $TS (80) - TL$ $(80) = 0$

## Option Outright

Option outright calculation is based on order quantity and delta:

- The delta value for an option is determined at the beginning of the trading session and it will remain constant for the entire trading session. Orders entered during that session will utilize this “daily” delta value and will not change during the session.
- At the beginning of the next trading session, delta values will be refreshed and any new order and old “Good Till” orders still active, will utilize the new delta value.
- Position limits on options on combination (OOC) underliers are treated independently from option on futures involving the same product. For example:
  - LO position limits control the delta equivalence of the WTI outright underlier
  - WAY position limits control the delta equivalence of the WTI one-month calendar spread
- If there is no delta available for an option, a default value of 1 will be used.

Effective side is based on the order size as well as if the option instrument is a call or put since a put option results in the side being flipped.

Instrument	GEU0 C9950
Delta	0.5
Max Long Limit (GE – OPT)	100
Max Short Limit (GE – OPT)	100



### Example

Message Flow	Working Long	Working Short	Traded Long	Traded Short	Net Long	Net Short	Avail Max	Avail Max	Comments
--------------	--------------	---------------	-------------	--------------	----------	-----------	-----------	-----------	----------

					Usage	Usage	Long Limit	Short Limit	
Buy New Order With Quantity of 10	5	-	-	-	5	-	95	100	Working Long = $10 \times 0.5 = 5$
Cancel Replace to Quantity of 20	10	-	-	-	10	-	90	100	Working Long = $20 \times 0.5 = 10$
Complete Fill for Quantity of 20	0	-	10	-	10	(-10)	90	110	Traded Long = $20 \times 0.5 = 10$
Sell New Order With Quantity of 10	0	5	10	-	10	(-5)	90	105	Working Short = $10 \times 0.5 = 5$ Avail Max Short Limit = $100 - (5 + 0 - 10) = 105$
Cancel Replace to Quantity of 20	0	10	10	-	10	0	90	100	Working Short = $20 \times 0.5 = 10$ Avail Max Short Limit = $100 - (10 + 0 - 10) = 100$
Complete Fill for Quantity of 20	0	0	10	10	0	0	100	100	Traded short increases available long order size

## Options Spread

Options spread calculation is based on its legs only such that:

- The effective side of each leg is derived based on spread side x leg side, depending on whether the option leg is a put or call.
- The effective leg ratio of each leg needs to be determined by multiplying its leg ratio with its corresponding delta. If the delta is not available then the effective leg ratio will default to 1.
- Buy and sell legs belonging to the same product code may offset each other after taking into account their respective leg ratios.
- The working quantity only (not traded) are further offset by a spread contribution factor such that a configurable value such as 15% will be multiplied with the leg ratio which could be offset between both sides.
- If spread legs belong to a single side or if spread legs belong to different product codes then no spread contribution factor will be applicable between them.
- The buy side working quantity for all spread legs belonging to the same product code = total buy effective leg ratio – total sell effective leg ratio (if negative then zero) + spread contribution factor (15% of effective leg ratio common to both buy & sell sides) x spread quantity
- The sell side working quantity for all spread legs belonging to the same product code = total sell effective leg ratio – total buy effective leg ratio (if negative then zero) + spread contribution factor (15% of effective leg ratio common to both buy & sell sides) x spread quantity

- The buy side traded position for all spread legs belonging to the same product group = total buy effective leg ratio x traded quantity
- The sell side traded position for all spread legs belonging to the same product group = total sell effective leg ratio x traded quantity
- Product code is uniquely qualified with a combination of product code + security type + exchange

Instrument	UD:U\$:ST 0104931538
Max Long Size (GE-OPT)	100
Max Short Size (GE-OPT)	100
Spread Contribution Factor	15%

Leg Instrument	Leg Side	Leg Ratio	Product Code	Delta
GEU0 C9950	Buy	2	GE	0.5
GEU0 P9962	Buy	3	GE	0.25



**Example:** Spread contribution factor -- 15% of 0.75 = 0.1125 since buy effective leg ratio (2 x 0.5 = 1) and sell (buy put leg) effective leg ratio (3 x 0.25 = 0.75) can offset each other by up to 0.75 since this is the effective leg ratio common to both sides.

Message Flow	Working Long	Working Short	Traded Long	Traded Short	Net Long Usage	Net Short Usage	Avail Max Long Limit	Avail Max Short Limit	Comments
Buy New Order With Quantity of 10	3.625	1.125	-	-	3.625	1.125	96.375	98.875	Working Long = (1 - 0.75 + 0.1125) x 10 = 3.625 Working Short = (0.75 - 1 (0) + 0.1125) x 10 = 1.125
Cancel Replace to Quantity of 20	7.25	2.25	-	-	7.25	2.25	92.75	97.75	Working Long = (1 - 0.75 + 0.1125) x 20 = 7.25 Working Short = (0.75 - 1 (0) + 0.1125) x 20 = 2.25
Complete Fill for Quantity of 20	0	0	20	15	5	(-5)	95	105	Traded Long = 20 x 1 Traded Short = 20 x 0.75 Avail Max Short Limit = 100 - (0 + 15 - 20) = 105

Sell New Order With Quantity of 10	1.125	3.625	20	15	6.125	(-1.375)	93.875	101.375	Working Long $= (0.75 - 1 (0) + 0.1125) \times 10$ $= 1.125$ (sell put leg becomes buy) Working Short $= (1 - 0.75 + 0.1125) \times 10 = 3.625$ Avail Max Long Limit = $100 - (1.125 + 20 - 15) = 93.875$ Avail Max Short Limit = $100 - (3.625 + 15 - 20) = 101.375$
Cancel Replace to Quantity of 20	2.25	7.25	20	15	7.25	2.25	92.75	97.75	Working Long $= (0.75 - 1 (0) + 0.1125) \times 20$ $= 2.25$ (sell put leg becomes buy) Working Short $= (1 - 0.75 + 0.1125) \times 20 = 7.25$
Complete Fill for Quantity of 20	0	0	35	35	0	0	100	100	Traded Long = $20 \times 0.75$ Traded Short = $20 \times 1$ Traded short increases available long order size. Traded long increases available short order size.

## Suspending / Allowing Order Entry

Using the Account Credit Controls - Suspend Order entry function, authorized Clearing Member and Execution firm administrators can restrict the ability of execution firms to enter or modify orders. Suspended accounts can still cancel orders and preset credit and product trading limits are not affected.

When the reason for order suspension is resolved, authorized users can Allow order entry and execution firm order entry can resume.

### To suspend execution firm order entry:

1. Select the Account menu, then perform a search for the account associated with the execution firm to suspend.

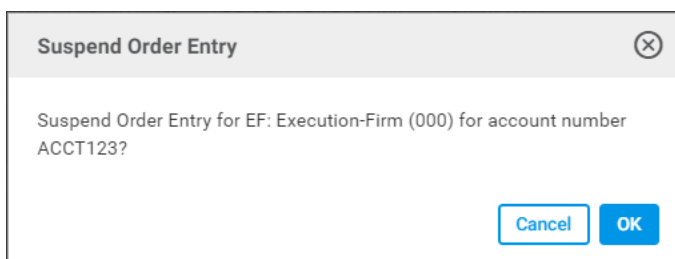


2. From the results that appear, select a [blue](#) hyperlinked account number.

Account Number	Spot FX Ref Number	Account Groups	Clearing Member	Account Owner	Execution Firm	Account Status
<a href="#">ACCT123</a>			CLEARING CORP.	Trading 1	SECURITIES (111)	Active

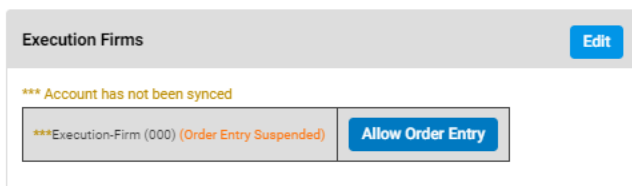
3. Select the **ICC (CME Globex)** tab then select, **Suspend Order Entry**, for the firm you want to restrict.

4. On the confirmation dialog that appears, select **OK**.



▶ **To allow order entry:**

- After resolving the reason for suspension, repeat steps 1-3, then select **Allow Order Entry**.
  - Perform a **search** for the account.
  - Select the **Account**.
  - Select **ICC (CME Globex)** tab.
  - From Execution Firms pane, select **Allow Order Entry**.



- On the dialog that appears, select **OK**.

## Trade Type Restriction

Use the Trade Type Restriction function to restrict CME ClearPort enabled accounts from submitting block trades. Additional functions:





- View account-level trade type restrictions.
- Block Trade: Privately negotiated futures, options or combination transaction that is permitted to be executed apart from the public auction market. Minimum order size requirements, vary according to product and order type. Only negotiated with futures, options on futures and CBOT swap trades; excludes all other basis trades.

▶ **To view and manage Trade Type Restrictions:**

- Select the Trade Type Restriction menu, then perform a **search**.
  - Clearing Member:** View restricted accounts, organized by Account Numbers and Trading Firms.
  - Trading Firm:** View and Edit restricted accounts for the Clearing Member and Trading Firm combination.
  - Trade Type:** Block (default selection).
  - Short Code:** Select to view only accounts flagged as short code accounts.

2. For the given Clearing Member / Trading Firm selection, a list of available accounts appear.

Account Number ▲	Trading Firm ▲
\$COMMON10	005 trading firm
ADSFASDFS	005 trading firm

3. For selected Clearing Member / Trading Firm combination, select **Edit**.
4. Select from available accounts to restrict (from submitting block trades), then select **add** ( / ) / **remove** ( / ).
- To select one or more accounts, press (**CTRL + select**) accounts.

Trade Type Restriction By Account

Download

Upload

Clearing Member

Trading Firm

trading firm

Trade Type

BLOCK

☐ ShortCode

Cancel

Save

Available Accounts

Search Accounts

JOE1737

JOE83838

Selected Accounts

Search Accounts

\$COMMON10

>>

>

<


<<

5. To finalize, select **Save**.

## Calculating / Setting Option Limits

Risk controls allow [setting long / short option limits](#), an optional setting. If limits are not set, trading may occur up to the specified futures long / short product limit and/or available credit.

Options are converted into futures equivalents by multiplying *options quantity* \* *delta*.

Example	
Account: ABC Credit Limit: \$5,000,000 Product: SOFR <b>Futures</b> Max Long Quantity Limit: 10,000 Max Short Quantity Limit: 10,000	Product: SOFR <b>Options</b> Max Long Quantity Limit: 20,000 Max Short Quantity Limit: 20,000 Avg. Maintenance Margin Rate: \$600
The order is entered as: Buy 10,000 SOFR APR 2023 96.50 Straddle SR3J3 94.95 Calls (1.55Δ) SR3J3 96.50 Puts (1.55Δ)	
<div>  <b>Note:</b> The example assumes there are no existing fills or orders for the account.         </div>	
Futures	
Max Qty Short Usage = Buy Puts (10,000*1.55) = 15,500	
Options	
Max Qty Long Usage = Buy Call (10,000) + Buy Put (10,000) = 20,000 Max Qty Short Usage = 0 Margin Usage = 5,100 * \$600 (\$3,060,000)	

**ClearPort Options**

Max Long Exposure Limit = Options bought (Call / Put) – Options Sold

Max Short Exposure Limit = Options sold – Options bought

**Account Credit Control Models**

Venue	Account Credit Limit	Futures Maximum Qty Long / Short	Options Maximum Qty Long / Short
CME Globex - Inline Credit Controls (ICC)	n/a	Product Level in Contract Terms - Futures Position Limit See <a href="#">Example</a> (below)	Product Level in Contract Terms - Options (Delta Equivalent) Position Limit See <a href="#">Example</a> (below)
CME Globex - CME Direct	<a href="#">SPAN</a> -Like Margin Calculation Model Futures and Options	Product Level in Contract Terms - including Futures and Options (Delta Equivalent) Position Limit See <a href="#">Example</a> (below)	Product Level in Contract Terms - Options Position Limit See <a href="#">Example</a> (below)
CME ClearPort	<a href="#">SPAN</a> (True) Margin Calculation Model Futures and Options	Product Level in Contract Terms - including Futures and Options (Delta Equivalent) Position Limit See <a href="#">Example</a> (below)	Product Level in Contract Terms - Options Position Limit See <a href="#">Example</a> (below)

**Product Position Limit Checking**

ClearPort product position limit checking is an optional risk check, offered in addition to the mandatory credit limit check, that may be set for clearing and trading accounts. Product position limit checks operate on a current trading day basis with all account positions starting with a zero (flat) position each new trading day.

**Separate Long / Short Position Limits may be set at the Future and Option Product Levels**

A risk administrator can set position limits for Future (e.g. CL) and Option (e.g., LO) products with separate long and short position limits for each.



**Example:** A risk admin may set a long limit of 100 and a short limit of 120 for CL Futures, and the admin may set a long limit of 500 and a short limit of 525 for LO Options.

Both sets of limits may be set for a particular ClearPort clearing account or for a trading account (sub-account).

**Futures Products**

Position Limits on the Future Product Controls Delta Position that Result from both Futures and Options Trading

When calculating the future product's position utilization or trading in futures and options for the future contribute to position utilization.



**Example:** A buy for 200 LO call options (CL is underlying future) with a .50 delta will contribute 100 to the CL long future position. If the same account sells 50 CL futures, the net position in CL futures will be long 50.

**Futures General Equations**

Where both Traded Long and Traded Short are represented in positive numbers

- Total Long Position Utilization in Future Product = ( Traded Long in Future + Traded Long (futures equivalent) in option on that future) - (Traded Short in Future + Traded Short (futures equivalent) in option on that future)
- Total Short Position Utilization in Future Product = (Traded Short in Future + Traded Short (futures equivalent) in option on that future) - ( Traded Long in Future + Traded Long (futures equivalent) in option on that future)



### Futures Example

Consider the following trades in a ClearPort account:

- Trade: Bought 25 CLF25
- Trade: Bought 30 CLZ26
- Trade: Sold 15 CLZ25
- Trade: Sold 25 LOG24 75.00 Puts w/.50 delta (Futures Equivalent = Long 12.5 CL)
- Trade: Bought 350 LOF24 35.00 Puts w/.1 delta (Futures Equivalent = Short 35 CL)
- Trade: Sold 100 LOG24 70.00 Calls w/.75 delta (Futures Equivalent = Short 75 CL)

Total Long Utilization in CL Future =  $(25 + 30 + 12.5) - (15 + 35 + 75) = -57.5$  (short position)

Total Short Utilization in CL Future =  $(15 + 35 + 75) - (25 + 30 + 12.5) = 57.5$

\*Will display as a 0 (zero) long position utilization on risk management user interface

## Option Products

Position Limits on the Option Product Controls Net Options Bought or Sold (no delta or market direction is considered).

Options General Equations:

- Total Long Option Utilization = Total Options Bought (calls and puts) - Total Options Sold (calls and puts)
- Total Short Option Utilization = Total Options Sold (calls and puts) - Total Options Bought (calls and puts)



### Options Example

Consider the following trades in a ClearPort account:

- Trade: Sold 25 LOG24 75.00 Puts w/.50 delta (Futures Equivalent = Long 12.5 CL)
- Trade: Bought 350 LOF24 35.00 Puts w/.1 delta (Futures Equivalent = Short 35 CL)
- Trade: Sold 100 LOG24 70.00 Calls w/.75 delta (Futures Equivalent = Short 75 CL)

Total Long Utilization in LO Option =  $350 - (25 + 100) = 225$

Total Short Utilization in LO Option =  $(25 + 100) - (350) = -225$  (long position)

Will display as a 0 (zero) short position utilization on risk management user interface

# FX Link and FX Spot+ Credit Management and Account Setup

The below referenced guides provide an overview and instructions for FX Link and FX Spot+ Credit Management and Account Setup.

- CME FX Link and FX Spot+ credit is managed through the [Entity Risk Management \(ERM\)](#).
- FX Link and FX Spot+ account creation is done via [Account Management Service](#).