

BrokerTec Risk Management User Manual

October 25, 2022



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Getting Started

BrokerTec Risk Management is available for authorized users (firm risk administrators / firm viewers) to view and manage BrokerTec [firm](#) / [firm group](#) / [trader](#) risk settings.

User Roles and Permissions

- **Firm Risk Admin:** View and Manage risk settings and alert notifications. View alerts for firm groups.
- **Firm Risk Viewer:** View risk settings (set by admins) and alert notifications for firms and firm groups.

To request access, complete and submit a [BrokerTec Risk Management Production Registration](#) form.

This form provides the CME Group with the company and user identifiers that CME Group will use to entitle users with application access.



[See What's New / Revision History](#)

Accessing BrokerTec Risk Management

BrokerTec Risk Management is accessible from the CME Customer Center menu. A valid CME Group Login ID is required.

▶ To access BrokerTec Risk Management:

1. Navigate to the [CME Group Login](#) page.
2. If you are not logged in, enter login credentials and select **Log In**.

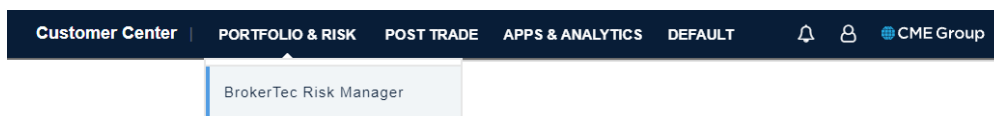
3. Authenticate your ID:

Via [Duo](#).

OR

Enter the code that was sent to your mobile device or voice code from an automated call to your primary phone number (US only).

4. From the CME Customer Center menu, select **Portfolio & Risk > BrokerTec Risk Management**.



Note: For additional information about creating or managing a CME Group Login, or using multi-factor authentication, please review the [CME Group Login User Help System](#).

Authorized Users

Available functions and data are based on assigned permissions, which are granted via the following roles:

Firm Risk Admin:

- View and edit product group risk settings for firms, firm groups and traders, which operate in addition to BrokerTec limits.

For all limits, the most restrictive limit (BrokerTec or Firm) is enforced.

Firm Risk Viewer:

- View risk group and product group settings for firms and traders.
- View thresholds and alerts settings.

Support Contacts

For questions or issues using BrokerTec Risk Management, refer to the Contact Information directory on CME Group's Client Systems Wiki.

- For production application assistance contact the [Global Command Center \(GCC\)](#).
- For login support, onboarding, application entitlements, contact [Enterprise Application & Systems Entitlements \(EASE\)](#).
- For market access, risk management configuration contact [Global Account Management \(GAM\)](#).

BrokerTec Risk Management Functions

Select functions from the BrokerTec Risk Management menu.



a. Dashboard

A daily summary of Firm and Firm Group risk exposure and risk limit utilization.

Utilization

Risk Group: USBD ↻

February 9, 2021 * Denotes a Daily Adjustment Value Search:

Firm / Firm Group	Legal Entity	Trading Position	Clearing Type	Risk Limit Long Exposure (M)	RMS Long % Limit Usage (%)	Risk Limit Short Exposure (M)	RMS Short % Limit Usage (%)	DAV	Effective RMS Limit (M)	RMS Limit (M)	Risk Group	Bid Volume	Offer Volume	Net Trade (M)	Net Trade % Limit Usage (%)	DAV	Effective Net Trade Limit (M)	Net Traded Limit (M)
AAA	Pacific Tra...	↗	CAT2_...	10.00	4.00	0.00	0.00		250	250	USBD	0.00	0.00	10.00			2000	2000
TEA_GRP	Pacific gro...	↗	CAT2_...	6.00	0.60	0.00	0.00		1500	1500	USBD	0.00	0.00	6.00	1.33		450	450

Firms in TEA_GRP
AAA
BBB

b. BrokerTec Risk Limits

Firm Admin users can view and manage their firm, firm group and trader risk settings.

Accessible from **Firm (i)/ Firm Group (ii)** functions.

BrokerTec Risk Management | About | Dashboard | **BrokerTec Risk Limits**

Limits | Exchange: US

Exchange: US

Entity: Select an entity

Select an entity
Firm
Firm Group
Trader

(i)
(ii)
(iii)

i. Firm Risk Settings

Risk Settings - Limits

- **Max Risk Value:** Potential Exposure
- **Max Net Risk Value:** Net Traded Limit
- **Order Size Limit:** Maximum Order Value / Clip Size
- **Daily Adjustment:** Adjustments to risk limits for the current trading session
- **Thresholds & Alerts:** Receive an email when trading activity exceeds a user specified percentage of risk limits.
- **Product Restrictions:** Restrict products by firm

Firm Limits Exchange:US										Email Alerts																																												
Total Firms: 451 Limits appearing in Green are enforced limits At least one Order Size Limit is different at the Product Group level Firm in Red is a suspended firm. * indicates restrictions																																																						
			Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)																																													
Firm	Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm																																												
000*	GROUP (ACTIVES)		0	600 / 701	Not Set	0	Unlimited / 2	Unlimited	2001	Unlimited																																												
<div> <div>Firm Limits Exchange:US</div> <div>Back To Search</div> <div> <div>Firm Details</div> <div> <div>Exchange: US</div> <div>Firm ID: 000*</div> <div>Firm Name: TEST FIRM 000</div> <div>Clearing Type: CAT2</div> <div>Suspend Status: Not Suspended</div> <div>Firm Group(s): TEST20, TSTGRP123, TESTAAA</div> <div>Audit</div> </div> </div> <div> <div>Firm Limits</div> <div>Thresholds & Alerts</div> <div>Restrictions</div> </div> <div> <div>Limits appearing in Green are enforced limits At least one Order Size Limit is different at the Product Group level</div> <table> <tr> <th colspan="3"></th><th colspan="3">Max Risk Value (in Millions)</th><th colspan="3">Max Net Risk Value (in Millions)</th><th colspan="2">Order Size Limit (MOV) (in Millions)</th></tr> <tr> <th>Risk Group</th><th>Product Group</th><th>Daily Adjustment Value</th><th>BrokerTec</th><th>Firm</th><th>Daily Adjustment Value</th><th>BrokerTec</th><th>Firm</th><th>BrokerTec</th><th>Firm</th><th>#</th></tr> <tr> <td>GROUP (ACTIVES)</td><td></td><td>0</td><td>600 / 701</td><td>Not Set</td><td>0</td><td>Unlimited / 2</td><td>Unlimited</td><td>2001</td><td>Unlimited</td><td></td></tr> <tr> <td>SP25 (GC-REPO, GCF, BONY, RP-SPECIALS)</td><td></td><td>0</td><td>Not Set</td><td>Not Set</td><td>0</td><td>Unlimited</td><td>Unlimited</td><td>25</td><td>Unlimited</td><td></td></tr> </table> </div> </div>														Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)		Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm	#	GROUP (ACTIVES)		0	600 / 701	Not Set	0	Unlimited / 2	Unlimited	2001	Unlimited		SP25 (GC-REPO, GCF, BONY, RP-SPECIALS)		0	Not Set	Not Set	0	Unlimited	Unlimited	25	Unlimited	
			Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)																																													
Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm	#																																												
GROUP (ACTIVES)		0	600 / 701	Not Set	0	Unlimited / 2	Unlimited	2001	Unlimited																																													
SP25 (GC-REPO, GCF, BONY, RP-SPECIALS)		0	Not Set	Not Set	0	Unlimited	Unlimited	25	Unlimited																																													
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ii. Firm Group Risk Settings

For details, see [Firm: Risk Settings](#)

Firm Group Limits | Exchange:US Email Alerts

Total Firm Groups: 27 Limits appearing in **Green** are enforced limits Firm in **Red** is a suspended firm. * indicates restrictions + Add a Group

			Max Risk Value (in Millions)			Max Net Risk Value (in Millions)		
Firm Group	Firms	Risk Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm
ABC12*	006*, 007	USD (ACTIVES, BILLS, GCF-BONY)	0	0 / 770	Not Set	0	Unlimited	Unlimited

Group Details
Firm in Red is a suspended firm.

Exchange	Group Name	Description	Firms In Group	Audit	Edit
US	ABC12*	test	006*, 007		

Firm Group Limits Thresholds & Alerts Restrictions

Limits appearing in **Green** are enforced limits

		Max Risk Value (in Millions)			Max Net Risk Value (in Millions)		
Risk Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	#
USD (ACTIVES, BILLS, GCF-BONY)	0	0 / 770	Not Set	0	Unlimited	Unlimited	Edit

[screen]

iii. Trader Risk Settings

Set and modify trader Order Size Limits. [screen]

Trader Limits | Exchange:US Bulk Update

* Only first 2000 rows returned. Please use left search panel to narrow your search.

Show 10 entries Search:

Trader Name	Firm	Trader ID (GUS)	Firm Name	Order Size Limit (MOV) (in Millions)
Trader One	OILCORP	T01	Oil Corp Trading	9 Edit

c. Alerts & Rejects

View a list of breach alerts and rejected orders; identified by Reference Number, Date. [screen]

Alerts and Rejects

Reference Number: Business Date: Search

March 9, 2021 Refreshed every 30 seconds Search:

Timestamp	Reference Number	Firm/ Firm Group	Risk Group	Product Group	Limit Type	Limit Threshold (%)	Alert Type	Message
2021-03-09 07:26:50.123	5678	AAA	USD		Max Risk Value	50	BREACH	
2021-03-09 07:10:08.973	1234	BBB	USD		Max Risk Value	50	BREACH	

d. DV01

Hedge Ratio and Credit Utilization calculations by instrument. [\[screen\]](#)

DV01 Value - USBD		
Instrument	DV01	Hedge Ratio
2_YEAR	0.01931	4.75
3_YEAR	0.02958	3.10
5_YEAR	0.04825	1.90
7_YEAR	0.06623	1.39
10_YEAR	0.09181	1.00

e. Audit

All entries and updates to BrokerTec Risk Management risk settings are recorded in an audit trail. [\[screen\]](#)

Audit Trail - BrokerTec Risk Management					
Entity: <div>Firm</div>	Firm Name: <div>Type Firm Name or ID</div>	Type: <div>-- Any --</div>	Start Date: <div>2020-09-06</div>	End Date: <div>2021-03-02</div>	<div>Search</div>
Show <div>10</div> entries		Search: <div></div>			
Firm ID	Firm Name	Last Updated			
AAA	PACIFIC TRADING	2021-02-26 13:26:36.001			
BBB	TRADING WEST	2020-09-11 11:15:05.286			
Showing 1 to 2 of 2 entries					
<div>« First</div> <div>< Previous</div> <div>1</div> <div>Next ></div> <div>Last »</div>					

Viewing and Managing Firm Risk Settings

Firm Admin [users](#) can view and manage their own firm, firm group and trader risk settings, including limits, alert notifications on limit thresholds, product restrictions and view an [audit trail](#) of risk setting changes.

The following information illustrates the process to access the Firm Limits function to manage risk settings.

BrokerTec Risk Limits

▶ To Manage Firm Risk Settings:

- From the application menu, select **BrokerTec Risk Limits** then use the filter to view an **Entity** type.
Optional: Select a specific **Firm** and **Risk Group**.

BrokerTec Risk Management | About | Dashboard | **BrokerTec Risk Limits** | Alerts & Rejects | DV01 | Audit

Limits | Exchange:US

Exchange: US

Entity: Select an entity (Firm, Firm Group, Trader)

Firm: All

Risk Group: Risk Group

On the *Firm Limits* page, a list of Firm risk settings appears.

Firm users can only view firms that they are authorized to manage.

- Effective / Enforced limits appear in **green**
- Suspended firms appear in **red**.

Firm Limits | Exchange:US

Total Firms: 2 Limits appearing in **Green** are enforced limits At least one Order Size Limit is different at the Product Group level Firm in **Red** is a suspended firm.
* Indicates restrictions

			Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)	
Firm	Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm
AAA	+ USBD (ACTIVES)		0	4000	2500	0	3000	2000	250	Unlimited
BBB	+ USBD (ACTIVES)		0	3000	Not Set	0	1500	Unlimited	Unlimited	Unlimited

- From the Firm Limits page, select a **Firm ID** to view details.

Note: BrokerTec limits cannot be modified by Firm Admins.

- To modify Firm limits, select **Edit**.

Firm Details

Exchange	Firm ID	Firm Name	Clearing Type	Status	Firm Group(s)	Audit
US	AAA *	PACIFIC TRADING	CAT2_NET	Active	TEA_GRP	

Firm Limits **Thresholds & Alerts** **Restrictions**

Limits appearing in **Green** are enforced limits

		Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)		
Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm	#
+ USBD (ACTIVES)		0	4000	2500	0	3000	2000	250	Unlimited	

Note: To view a list of updates to BrokerTec Risk Management risk settings select the [Audit](#) function.

On the side panel that appears, users can enter limits for **Max Risk Value**, **Max Net Risk Value** and **Order Size** (limit).

Firm limits are optional and not required for trading. The more restrictive limit between the BrokerTec limit and optional Firm limits, for each limit type, will be enforced.

Firm Limits | Exchange:US

Firm Details

Exchange	Firm ID	Firm Name	Clearing Type	Status	Firm Group
US	AAA	PACIFIC TRADING	CAT2_NET	Active	

Firm Limits | Thresholds & Alerts | Restrictions

Limits appearing in Green are enforced limits. At least one Order Size Limit is different at the Product Group level.

Risk Group	Product Group	Max Risk Value (In Millions)			Max Net Risk Value (In Millions)		
		Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm
USBD (ACTIVES)		0	4000	2500	0	3000	
	USSY						
	USWI						

Edit Limits

Risk Group: USBD

Max Risk Value: 2000

Max Net Risk Value: 1500

Order Size Limit: 200

Cancel | Update

- a. **Max Risk Value:** This value is also known as *potential exposure*.

Risk Value Calculation:

- Working long notional quantity + net traded notional quantity = maximum long
- Working short notional quantity + net traded notional quantity = maximum short

- b. **Max Net Risk Value:** Also known as Net Traded limit.

Example: Post-trade Max Net Risk Value calculation compares net-traded position against the Max net-traded long / short risk limit.

- Maximum Short = Aggressing order to Sell 10M + Existing Net-traded Short 15M = Short 25M
- Maximum Long = Aggressing order to Buy 20M + Existing Net-traded Short 15M = Long 5M

- c. **Order Size Limit:** This value is also known as Maximum Order Value (MOV) or maximum clip size.

The Order Size limit is set on the Product Group level but a value can be set on the Risk Group level to propagate the limit to all of the Product Groups within the Risk Group.

Note: Order size limits on *Product Groups* can be set independently from the limit set on the *Risk Group* level.

If a *Product Group - Order Size Limit* is different than the overall *Risk Group - Order Size Limit*, a flag (🚩) appears with a message "At least one Order Side Limit has changed at the Product Group level".

Firm Limits Thresholds & Alerts Restrictions										
Limits appearing in Green are enforced limits					At least one Order Size Limit is different at the Product Group level					
		Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)		
Risk Group	Product Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm	#
USBD (ACTIVES)		0	4000	2500	0	3000	2000	250	250	Edit
	USBD							10000	200	Edit

- d. **Daily Adjustment Value:** A Daily Adjustment value may be set by the BrokerTec Admin at the request of the Firm.

The adjusted value will be added to the existing risk limit for the remainder of the trading day and increase the existing risk limits by the daily adjusted value. At the end of the trading day the Adjustment value will reset to 0 and the Max Risk Value / Max Net Risk Value is updated to reflect the configured risk value limit.

Example: If the Max Risk Value limit is 50M and the risk manager enters 10M in the Daily Adjustment Value, the current daily RMS limit will total 60M. At the end of the trading day, the RMS limit will revert to 50M and the Daily Adjustment Value will reset to zero.

Note: Limits for USBD Group US Treasury Actives limits are set in 10 year equivalent notional terms.

For additional details on Hedge Ratios and Credit Utilization Calculation, refer to [DV01 Values](#).

Thresholds & Alerts

On the Thresholds and Alerts screen, users can set up thresholds and email recipients for alert notifications when trading activity exceeds a given percentage of the risk limit.

The following instructions illustrate the process to access Thresholds & Alerts to set up alerts.

To view and manage Thresholds & Alerts:

1. From the Firm Details page, select the **Thresholds & Alerts** tab.

Firm Details

Exchange	Firm ID	Firm Name	Clearing Type	Status	Firm Group(s)	Audit
US	AAA *	PACIFIC TRADING	CAT2_NET	Active	TEA_GRP	

Firm Limits **Thresholds & Alerts** **Restrictions**

Limits appearing in Green are enforced limits

Risk Group	Product Group	Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			Order Size Limit (MOV) (in Millions)		#
		Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	BrokerTec	Firm	
+ USBD (ACTIVES)		0	4000	2500	0	3000	2000	250	Unlimited	Edit

Firm Limits **Thresholds & Alerts** **Restrictions**

Risk Group	Thresholds Set	Email Recipients	Send Email	#
USB	75% 95% 100%	chuang@pactrade.net	Y	Edit

- On the **Edit Threshold & Alerts** pane, specify the following:

Edit Thresholds & Alerts [✕](#)

Risk Group:
USB

Set Alert Threshold:

☐ 25% ☐ 50% ☒ 75%
☐ 85% ☒ 95% ☒ 100%

Send Email
☒

Email Recipients:

[Cancel](#) [Update](#)

- **Set Alert Threshold:** Select notification thresholds.

Note: To set alert thresholds, select the checkbox for the alert value to update, then use the **up/down** arrow or enter a **value**.

Set Alert Threshold:

<input type="checkbox"/> 25%	<input checked="" type="checkbox"/> 53	<input checked="" type="checkbox"/> 75%
<input type="checkbox"/> 85%	<input checked="" type="checkbox"/> 95%	<input checked="" type="checkbox"/> 100%

- **Send Email:** Selected by default to indicate emails will be sent.
Clearing the checkbox will stop email from being sent until it is selected again.
The default selection will be set for each trading session.
 - **Email Recipients:** Specify up to 20 email recipients to receive alert emails for the selected threshold alerts.
3. To confirm alert settings, select **Update**.

Restrictions

Firm users can view Product Group Restrictions, which are set by the BrokerTec Admin.

▶ **To view restrictions:**

From the Firm Details page, select a **Firm** (to view details), then select the **Restrictions** tab.

Note: On the Firm Limits search results page, restricted firms / firm groups are indicated with an asterisk (*).

Firm Details

Exchange	Firm ID	Firm Name	Clearing Type	Status	Firm Group(s)	Audit
US	AAA *	PACIFIC TRADING	CAT2_NET	Active	TEA_GRP	

Firm Limits Thresholds & Alerts Restrictions

Access Group	Product Group
USBD (Actives)	USSY


Viewing and Managing Firm Groups

Firm users will be able to view and/or modify settings for their Firm Groups. Firm Admins will only be able to modify limits and threshold settings only if they have access to all the firms in the Firm Group.


Viewing Firm Groups

▶ **To Access and Manage Firm Group Settings:**

1. Select **BrokerTec Risk Limits > Entity: Firm Group**.
Optional: Select a specific **Firm Group** and **Risk Group**.

-  (optional) To view a specific firm group, **filter** available firm groups.
- **Firm Group:** Select a group from the list.
 - **Firm:** View groups that include the selected firm.

2. To view details, select a **Firm Group**.

-  To view a specific firm group, **filter** available firm groups.
- **Firm Group:** Select a group from the list.
 - **Firm:** View groups that include the selected firm.

From the *Firm Group Limits* page, the following information and features are available:

Firm Group Limits Exchange:US			Email Alerts					
Total Firm Groups: 2 Limits appearing in Green are enforced limits Firm in Red is a suspended firm. * indicates restrictions			+ Add a Group					
Firm Group	Firms	Risk Group	Max Risk Value (in Millions)			Max Net Risk Value (in Millions)		
			Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm
TEA_GRP	AAA*, BBB	USBD ⓘ (Actives)	0	2000	1500	0	1700	1250
OIL_GRP	CCC, EEE	USBD ⓘ (Actives)	0	1700	1300	0	1500	Unlimited

- **Firm Group Details / Audit Trail:** View a list of firms within the group. / Select [Audit](#), to view a detailed list of updates performed for this Firm Group.
- **Thresholds & Alerts:** Set email alerts when a firm exceeds a selected percentage of limits.
- **Restrictions:** View firms with product restrictions, which prevents a firm from submitting orders for the product.

Firm Group Limits | Exchange:US

Back To Search

Group Details

Firm in Red is a suspended firm.

Exchange	Group Name	Description	Firms in Group	Audit
US	TEA_GRP	Tea Trading Ltd	AAA, BBB	

Firm Group Limits

Thresholds & Alerts

Restrictions

Limits appearing in Green are enforced limits

	Max Risk Value (in Millions)			Max Net Risk Value (in Millions)			
Risk Group	Daily Adjustment Value	BrokerTec	Firm	Daily Adjustment Value	BrokerTec	Firm	#
USBD ⓘ (ACTIVES)	0	2000	not set	0	1750	Unlimited	<a>Edit

Note: To view a list of updates to BrokerTec Risk Management risk settings select the [Audit](#) function.

- a. **Max Risk Value:** Also known as potential exposure.
 - Working long notional quantity + net traded notional quantity = maximum long
 - Working short notional quantity + net traded notional quantity = maximum short
- b. **Max Net Risk Value:** Also known as Net Traded limit, an optional value set by the BrokerTec Admin.
- c. **Daily Adjustment Value - Max Risk Value / Max Net Risk Value:** (optional) Adjustment to max risk value limit for the current trading session; in millions USD. This value resets to zero (0) at the close of daily trading and normal risk values resume.

Note: Firm Admins may set limits on the Max Risk Value and Max Net Risk Value and the most restrictive limits, of the BTEC Admin and Firm Admin, will be highlighted and enforced.

Viewing and Managing Trader Limits

BrokerTec Admins and Firm Admins can set and modify Order Size Limits for Traders.

BrokerTec and Firm Admins have access to the same limit field and may modify the currently set value.

Viewing Trader Limits

To View BrokerTec Trader Limits:

1. From the application menu, select **BrokerTec Risk Limits > Entity: Trader**.
2. To find a specific trader, use the **filter** and enter the first few characters or select a Trader ID.

The page displays a list of Trader and their configured Order Size (MOV) limits.

Trader Limits Exchange:US					Bulk Update
Show	10	entries	Search:		
Trader Name ▲	Firm ▲	Trader ID ▲	Firm Name ▲	Order Size Limit (MOV) (In Millions)	
Trader One	AAA	TRD1	PACIFIC TRADING	Unlimited	
Trader Two	BBB	TRD2	PACIFIC TRADING	Unlimited	
Trader Three	AAA	TRD3	PACIFIC TRADING	Unlimited	
Trader Four	H008	TRD4	PACIFIC WEST TRADING	250	

Setting Trader Order Size Limits

A single order size limit (MOV) can be set for each trader and is applicable to all products they are entitled to trade.

Trader limits can be updated in 'Bulk' or for an individual trader.

- a. To set a limit on an individual trader, select the **pencil** icon then enter the maximum allowable order size (in millions USD).

To Submit the limit, select the check (✓) or x (✗) icon to cancel.

- b. **Bulk Update** (): Update the Order Size Limit for multiple traders.

After selecting traders, or after using the *default All traders*, an order size limit (in millions USD) can be set.

Trader Limits | Exchange:US

Show 10 entries

Trader Name ▲	Firm ▲	Trader ID ▲	Firm Name ▲
Trader One	AAA	TRD1	PACIFIC TRADING
Trader Two	BBB	TRD2	PACIFIC TRADING
Trader Three	AAA	TRD3	PACIFIC TRADING
Trader Four	H008	TRD4	PACIFIC WEST TRADING

Edit Limit

Firm: AAA

Trader: TRD1 x TRD3 x
Enter trader

Order Size Limit: 225

Cancel Update

For the confirmation message that appears, select **OK**.

Bulk update

The order size limit will be applied to the following traders.

Firm: AAA

Traders: TRD1, TRD3

Order Size Limit: 225

Cancel OK

Additional Functions

The following sections describe additional BrokerTec Risk Management functions:

- [Dashboard](#)
- [Alerts & Rejects](#)
- [DV01](#)
- [Audit](#)

About

Opens a landing page with application and contact information; link to instructional webhelp, and CME Group support contacts.

Dashboard

The Dashboard displays a daily summary of Firm and Firm Group risk exposure and utilization of risk limits.

BrokerTec Risk Management

AboutDashboardBrokerTec Risk LimitsAlerts & RejectsDV01Audit

Utilization

Risk Group:

USBD

February 9, 2021

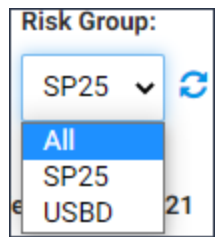
* Denotes a Daily Adjustment Value

Search:

Firm / Firm Group	Legal Entity	Trading Position	Clearing Type	Risk Limit Long Exposure (M)	RMS Long % Limit Usage (%)	Risk Limit Short Exposure (M)	RMS Short % Limit Usage (%)	DAV	Effective RMS Limit (M)	RMS Limit (M)	Risk Group	Bid Volume	Offer Volume	Net Trade (M)	Net Trade % Limit Usage (%)	Effective Net Trade Limit (M)	Net Traded Limit (M)
AAA	Pacific Tra...	CAT2...		10.00	4.00	0.00	0.00		250	250	USBD	0.00	0.00	10.00		2000	2000
TEA_GRP	Pacific gro...	CAT2...		6.00	0.60	0.00	0.00		1500	1500	USBD	0.00	0.00	6.00	1.33	450	450

Firms in TEA_GRP
AAA
BBB

a. Risk Group: The Dashboard default display is *utilization for USBD*; additional Risk Groups, or All, may be selected.



Column headings can be sorted by selecting the arrows to sort by ascending or descending order. By default data is sorted by the Firm / Firm Group column.

- b. Search: Searches for any text on the dashboard.
- c. To access Firm / Firm Group Details, select the linked Firm / Firm Group ID.
- d. To view Firms within a Firm Group, move the mouse pointer over the information (i) icon in the Firm/Firm Group column.
- e. To view a breakdown of the products traded for the Risk Group and aggregate exposure, select the icon (🔗) under the Trading Positions.

Color coding – usage above a certain percentage will be highlighted

- 50%+ is highlighted in yellow
- 75%+ is highlighted in orange
- 100% is highlighted in pink

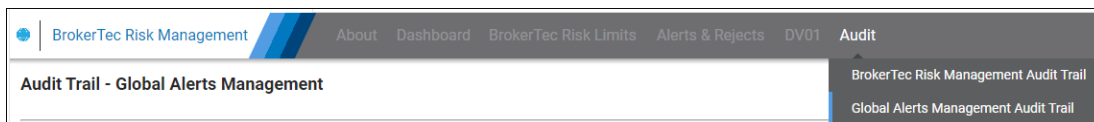
BrokerTec Risk Management				About	Dashboard	BrokerTec Risk Limits	Alerts & Rejects	DV01
DV01 Value - USBD								
Instrument		DV01		Hedge Ratio				
2_YEAR		0.01931		4.75				
3_YEAR		0.02958		3.10				
5_YEAR		0.04825		1.90				
7_YEAR		0.06623		1.39				
10_YEAR		0.09181		1.00				

Audit

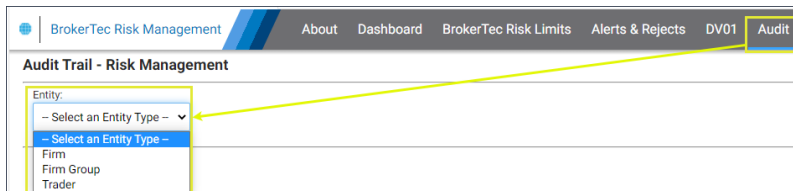
All entries and updates to BrokerTec Risk Management risk settings are recorded in an audit trail.

▶ To access the Audit Trail:

- From the application menu, go to **Audit**, then select **BrokerTec Risk Management / Global Alerts Management Audit Trail**.



- From the menu that appears, select the *Entity*:



- Specify *filter* options:

Audit Trail - Entities Risk Management

Entity: Firm Name: Type:

Start Date: End Date:

- **Entity:** Select Firm / Firm Group
- **Firm / Group Name / Trader**
- **Type**
 - **Firm:** Updates to firm risk settings
- **Start / End Dates**

4. To view matching results, select **Search**.

Audit Trail - BrokerTec Risk Management

Entity: Firm Name: Type: Start Date: End Date:

Show entries Search:

Firm ID ▲	Firm Name ▲	Last Updated ▲
AAA	PACIFIC TRADING	2021-02-26 13:26:36.001
BBB	TRADING WEST	2020-09-11 11:15:05.286

Showing 1 to 2 of 2 entries

« First < Previous 1 Next > Last »

Note: Audit Trail results that include updates made by CME Group, are identified as "Executed by CME GCC admin" with the date (YYYY-MM-DD) and time.

BrokerTec Risk Management About Dashboard BrokerTec Risk Limits Alerts & Rejects

Audit Trail Detail - Firm

Firm ID: 1ABC Firm Name: TradeCo LLC Status: Active

Start Date: End Date: Modifier: Type:

Executed By CME GCC Admin@2022-06-21 11:40:04.250

Credit Control

Risk Group USBD (Max Risk Value) Updated BrokerTec Limit

Revision History

The below list illustrates the updates made to the BrokerTec Risk Management help system.

Date	Author	Topic	Description
October 25, 2022	mr	Getting Started	added brief summary list of functions
June 23, 2022	mr	Additional Functions	Audit trail includes updates made by CME Group
January 25, 2021	mr	All	initial release