

part of eex group



EEX Asia Risk Management Cleartech Portal User Guide

17.06.2021
Singapore

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1. Introduction

The Cleartech Portal is a web-based application offering a wide range of personalized services for brokers, traders and GCMs.

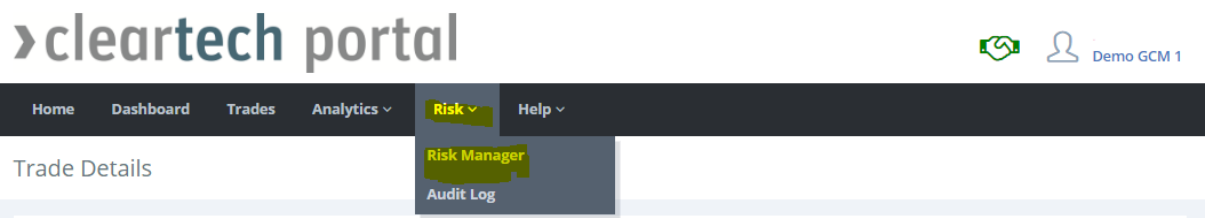
The Risk Manager function of the Cleartech Portal for GCMs, allowing for the management of Risk Limits across clearing accounts linked to the GCMs.

2. Portal Access

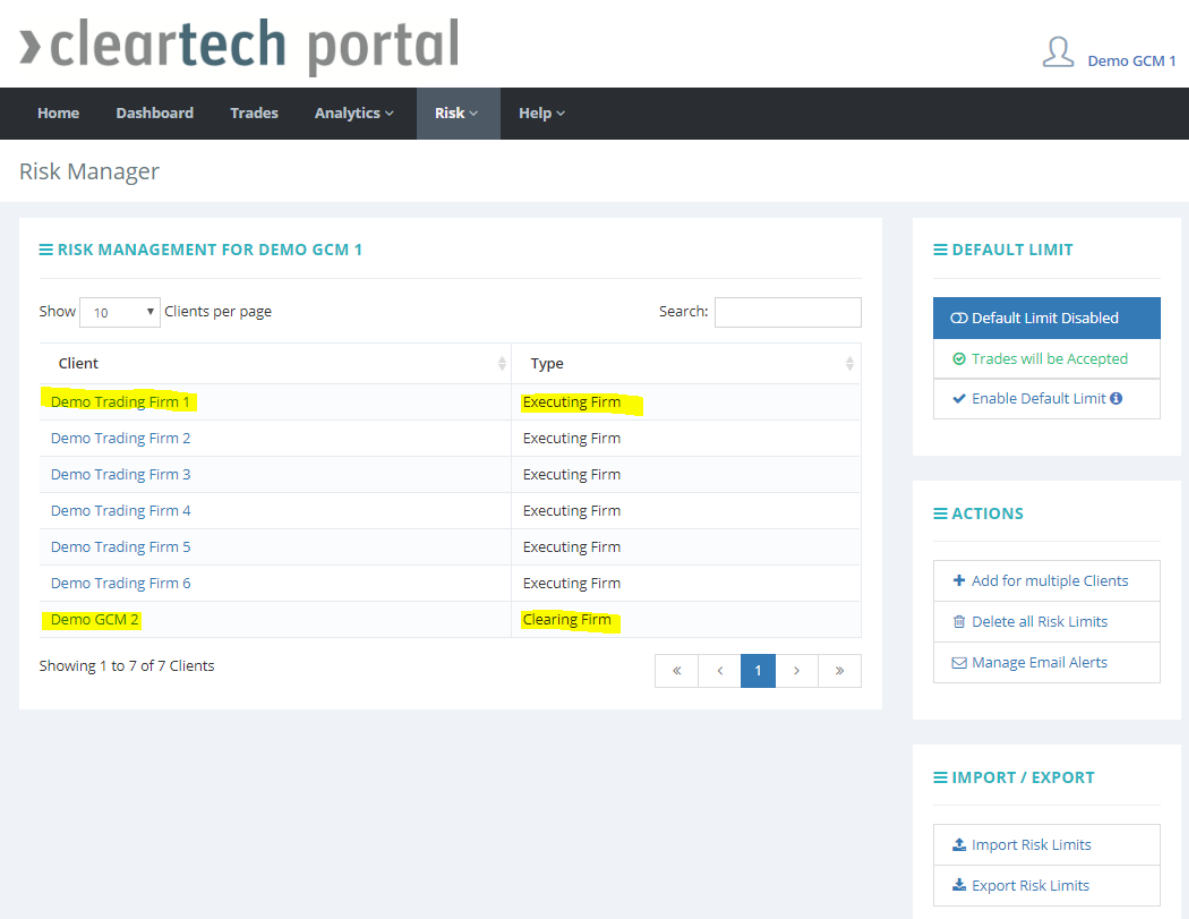
Portal Access can be secured through a mandatory 2FA, through an Authenticator App or via email. A static IP can also be setup to ensure access only from authorized locations or networks.

3. Risk Management

Upon logging into the Portal, select the “Risk” menu option, and select “Risk Manager”



This displays the **Risk Manager screen** for the GCM, which shows the executing firms and Clearing Firms that are linked to the users’ GCM.



Click on the *Trading Firm* (eg Demo Trading Firm 1) to display the **list of risk limits** for the selected entity.

Active risk limits are applicable today and will show here. Trades which have been assessed against **active** risk limits will also show here.

If no Risk Limits currently exist, the screen will appear as such:

Risk Manager - Risk Limits

Show InactiveAddBack

≡ RISK LIMITS FOR DEMO TRADING FIRM 2

No Risk Limits found
Click [here](#) to show inactive Risk Limits
Click [here](#) to add a new Risk Limit
Click [here](#) to go back

Add Risk Limits by clicking the green *Add* button or the highlighted text. Once added, the risk limits will appear:



Risk Manager - Risk Limits

Show InactiveAddBack

≡ RISK LIMITS FOR DEMO TRADING FIRM 1

Risk Limit Added





Show 10 Risk Limits per pageSearch:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Lots	12 Oct	500	80%	Enabled	0 / 0	All	All	 

Showing 1 to 1 of 1 Risk Limits

<<<1>>>

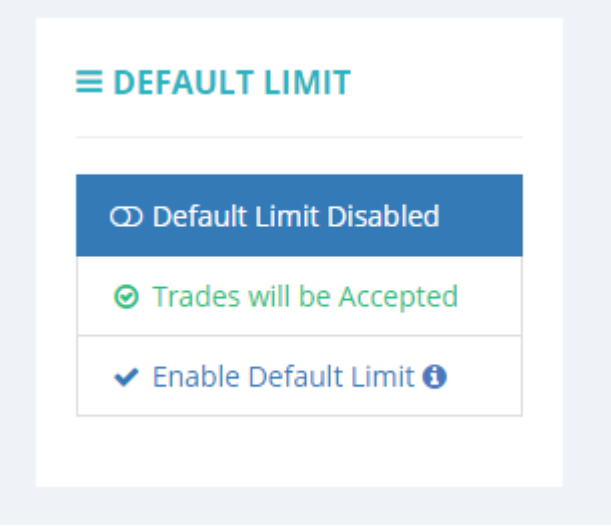
The following actions are possible: -

-  Delete a risk limit.
-  Edit the risk limit
-  View the history of the risk limit (visible once the limit is modified)
-  View the trades assessed against the risk limit (visible once a trade is registered)

View **deleted risk limits** and **past risk limits** by clicking *View Inactive Limits*. Add new ones by clicking the *Add* button above. The screen will show risk limits for the last 7 days.

1.1 Default Limits

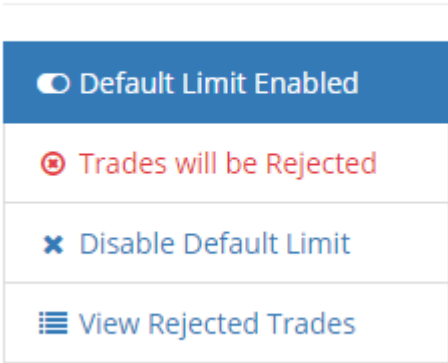
The *Default Limit* function enables a **Stop Limit** function for any Trading Firms without an Active Limit.



When **Disabled**, all Trades from Trading Firms **without** an Active Limit will be **accepted**. Trading Firms with an Active Limit will be governed by the Limits set.

Clicking *Enable Default Limit* will turn Default Limits on.

DEFAULT LIMIT



When **Enabled**, any trades from Trading Firms **without** an Active Limit will be **rejected**. Trading Firms with an Active Limit will be governed by the Limits set.

View Rejected Trades will appear if there have been trades rejected by this Stop All function.

Clicking View Rejected Trades will show a list of trades that have been attempted to be registered, but have been rejected for Trading Firms without an Active Limit when the Default Limit is Enabled.

Risk Manager - Stop All Trades

Back

TRADES REJECTED BY STOP ALL FOR DEMO GCM 1

Show 10 Trades per page

Search:

Trade	Trade Date	Risk Assessment Date
PT120691	12/10/2018 10:35:09	12/10/2018 10:35:10
PT117556	23/03/2018 19:06:09	23/03/2018 19:06:09
PT117555	23/03/2018 19:05:49	23/03/2018 19:05:49
PT117554	23/03/2018 19:05:43	23/03/2018 19:05:43
PT117553	23/03/2018 19:04:56	23/03/2018 19:04:57
PT117552	23/03/2018 19:02:09	23/03/2018 19:02:09

Showing 1 to 6 of 6 Trades

«
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Clicking into the Trade ID will give further details of the rejected trade.

Trade Details

TRADE #PT120691 | OCT 12, 2018 18:35

Back

Details

Trade Details

Trade Id:

PT120691

Trade Date:

Oct 12, 2018 18:35:09

Trade Status

Added Date:

Oct 12, 2018 18:35

Status:

Failed Risk Assessment

Seller

Trading Firm

Demo Trading Firm 6

Clearing Firm

Demo GCM 1

Broker Firm

Barry Rogliano Salles

Trader

Rory Rangel

Clearing House

EEX

Broker

Braydon Hutchinson

Clearing Account

DEMOACC08

Legs

Code	Product	Period	Quantity Per Month	Lots	Price
CSTC OCT18	Baltic Capesize STC Avg	OCT18	15	15	\$21000.00

1.2 Adding a Risk Limit

There are 4 types of Risk Limits to select from: Lots, Margin, Lots per Trade and Stop.

≡ ADD LIMIT FOR DEMO TRADING FIRM 1

Type	Margin		
Dates	June 17, 2021 to June 17, 2021	Applies	<input type="radio"/> All Day <input checked="" type="radio"/> Time Range
From	8:00 AM	To	8:00 AM
Limit		Warning Threshold	80 %
		Netting	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Product Groups	FFA Time Charters ✕		<input type="checkbox"/> All
Products	Baltic Capesize 5TC Avg ✕		<input type="checkbox"/> All
Clearing Accounts	DEMOACC07: ECC ✕		<input type="checkbox"/> All

Submit Cancel

The limit can be set for a certain Dates period or infinitely (No Expiry).

The limit can be applied across All Day, in which the limit will be refreshed daily at 12am UTC, or applied to a certain Time Range.

Selecting Margin will bring up an additional option to select the currency in USD (\$) or Euros (€).

Warning Thresholds can be set for Lots and Margins only. Once the limits set breach the threshold, GCMs will be warned that trades booked are nearing the limit.

Netting can be set for Lots and Margins only. When Enabled, Netting will nett the margins or lots for Long and Short positions. Reaching the set limit will take a longer time, unless the Trading Firm is accumulating a certain position. Disabling it will cause positions to accumulate on both the Long and Short up to the set limit.

Eg: Setting a Lots limit of 500 lots and Disabling Netting will only allow positions to accumulate across both long and short positions up to 500 lots.

Limits can be set for specific Product Groups, Products and Clearing Accounts, or can be set to All.

Eg: Setting a stop limit for S10TC will stop all S10TC from clearing.

1.3 Selecting Dates

Risk Limits can be assigned on future dates using predefined time periods or custom ranges.

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR DEMO TRADING FIRM 5

Type

Margin

Dates

October 12, 2018 to October 12, 2018

Limit

\$ 2000000

Warning Threshold

Netting

Product Groups

FFA Time Charters

Products

Baltic Capesize 5TC Avg

Clearing Accounts

All Clearing Accounts

All

Today

Tomorrow

Next 7 Days

Next 30 Days

This Month

Next Month

Custom Range

Apply

Cancel

Submit

Cancel

Risk Limits that are in a **future time period** will **not** appear in the Risk Manager Front Page as they are currently **inactive**.

Risk Manager - Risk Limits

Show Inactive Add Back

RISK LIMITS FOR DEMO TRADING FIRM 5

No Risk Limits found

Click [here](#) to show inactive Risk Limits

Click [here](#) to add a new Risk Limit

Click [here](#) to go back

Clicking *Show Inactive* will show the defined risk limits.

Risk Manager - Risk Limits

Hide Inactive Add Back

≡ RISK LIMITS FOR DEMO TRADING FIRM 5

Risk Limit Deleted

Show 10 Risk Limits per page Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Status	Trades	Actions
Margin	16 Oct - 20 Oct	\$ 20000000	80%	Enabled	0 / 0	All	All	Not Yet Active		
Margin	23 Oct - 27 Oct	\$ 20000000	80%	Enabled	0 / 0	All	All	Not Yet Active		
Lots	12 Oct	5000000	80%	Enabled	15 / 0	All	All	Inactive		
Lots per Trade	12 Oct	20			0 / 0	All	All	Inactive		
Margin	12 Oct	\$ 100000	80%	Disabled	63944.1 / 0	FFA Time Charters / C5TC	All	Inactive		

This will show limits beyond that of a 7-day time period.

1.3.1 Date Range

A date range can be set for all four types of risk limit. If the date range is greater than a single day, an additional option is available on Lot type limits, highlighted below.

Selecting *Apply Limit Each Day* will result in the Lot size limit calculations being reset every day (0000 UTC). Selecting *Across Date Range* will cause the limits to be cumulative across the selected period.

Note: Margin Type Limits will always reset every day (0000 UTC)

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR DEMO TRADING FIRM 6

Type

Lots

Dates

October 16, 2018 to November 16, 2018

Limit

Apply Limit

Each Day

Across Date Range

Warning Threshold

80

%

Netting

Enabled

Disabled

Product Groups

Please select one or more Product Groups or check All

All

Clearing Accounts

Please select one or more Clearing Accounts or check All

All

Submit

Cancel

1.3.2 Time Range

A time range can be set for all four types of risk limit. The time during which the limit is applied is in UTC.

ADD LIMIT FOR DEMO TRADING FIRM 1

Type

Lots

Dates

No Expiry

Applies

All Day

Time Range

From

9:00 AM

To

3:00 PM

Limit

100000

Apply Limit

Each Day

Across Date Range

Warning Threshold

80

%

Netting

Enabled

Disabled

Product Groups

All Product Groups

All

Clearing Accounts



All Clearing Accounts

All

RISK LIMITS FOR DEMO TRADING FIRM 1

Show 10 Risk Limits per page

Search:

Type	Dates	Limit	Applies	Threshold	Netting	Used	Products	Accounts	Actions
Lots	No Expiry / 9:00 AM to 3:00 PM	100000	Each Day	80%	Enabled	0 / 0	All	All	 

1.4 Editing a Risk Limit

A Risk Limit can be edited once set by clicking the Edit button on the right-hand side.



Risk Manager - Risk Limits

Show inactive Add Back





RISK LIMITS FOR DEMO TRADING FIRM 1

Show 10 Risk Limits per page

Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Margin	12 Oct	\$ 10000	80%	Enabled	0 / 0	FFA Time Charters / C5TC	DEMOACC07	 

Showing 1 to 1 of 1 Risk Limits

  1  

Only the Limit Values, the Currency and the Warning Threshold can be edited.

EDIT RISK LIMIT FOR DEMO TRADING FIRM 1

TypeMargin

DatesOctober 12, 2018 to October 12, 2018

Limit\$10000

Warning Threshold80%

Netting☒ Enabled ☐ Disabled

Product GroupsFFA Time Charters

ProductsBaltic Capesize 5TC Avg

Clearing AccountsDEMOACC07: ECC

All

Submit

Cancel

If other fields have to be modified, delete the existing limit and set up a new limit instead.

1.5 Adding Multiple Risk Limits

Multiple risk limits can be added for each Trading Firm. Each risk limit set is independent of each other. The trade is assessed against all the applicable risk limits based on product and clearing accounts. The trade will only be accepted if the trade passes all the risk limits.

Risk Manager - Risk LimitsAddBack

≡ RISK LIMITS FOR DEMO TRADING FIRM 5

Risk Limit Added

Show 10 Risk Limits per pageSearch:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Lots	12 Oct	5000000	80%	Enabled	0 / 0	All	All	
Lots per Trade	12 Oct	20			0 / 0	All	All	
Margin	12 Oct	\$ 100000	80%	Disabled	0 / 0	FFA Time Charters / CSTC	All	
Margin	12 Oct	\$ 10000000	80%	Enabled	0 / 0	FFA Time Charters / PTC	All	

Showing 1 to 4 of 4 Risk Limits

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1.6 Accepted and Rejected Trades

Trades that are either Accepted or Rejected will show in the risk manager in several areas:

1. At the Risk Manager Front Page:

≡ RISK MANAGEMENT FOR DEMO GCM 1

Show Clients per page Search:

Client	Type	Risk Limited
Demo Trading Firm 1	Executing Firm	Active Limit
Demo Trading Firm 2	Executing Firm	
Demo Trading Firm 3	Executing Firm	
Demo Trading Firm 4	Executing Firm	
Demo Trading Firm 5	Executing Firm	Active Limit Trades Accepted Trades Rejected
Demo Trading Firm 6	Executing Firm	

2. Upon clicking into the Trading Firm:

Risk Manager - Risk Limits

Show Inactive Add Back

≡ RISK LIMITS FOR DEMO TRADING FIRM 5

Show Risk Limits per page Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Trades	Actions
Lots	12 Oct	5000000	80%	Enabled	15 / 0	All	All	✓ ✗	🗑️ 🔍 📋
Lots per Trade	12 Oct	20			0 / 0	All	All	✓ ✗	🗑️ 🔍 📋
Margin	12 Oct	\$ 100000	80%	Disabled	63944.1 / 0	FFA Time Charters / <u>CSTC</u>	All	✓	🗑️ 🔍 📋
Margin	12 Oct	\$ 10000000	80%	Enabled	0 / 0	FFA Time Charters / <u>PTC</u>	All		🗑️ 🔍
Stop	12 Oct					Iron Ore	All	✗	🗑️ 📋

Showing 1 to 5 of 5 Risk Limits

« < 1 > »

A Green Tick indicates that there are trades that have been accepted within the limits set. A Red Cross indicates that there are trades that have been rejected.

To view these trades, click View Trades, the button highlighted above. A summary of the parameters set to define the limit is contained within the page. Click the Trade ID in blue to view these trades in further detail.

Risk Manager - Risk Limit Trades

Back

RISK LIMIT TRADES FOR DEMO TRADING FIRM 5

Type: Lots | Dates: 12 Oct | Limit: 5000000 | Warning Threshold: 80% | Netting: Enabled | Product Groups: All | Products: All | Clearing Accounts: All

Show 10 Trades per page

Search:

Trade	Trade Date	Risk Assessment Date	Status	Reason
PT120695	12/10/2018 11:03:46	12/10/2018 11:03:46	Rejected	Rejected by other risk limit
PT120694	12/10/2018 10:50:20	12/10/2018 10:50:21	Accepted	

Showing 1 to 2 of 2 Trades

3. At the Trades Front Page:

All trades done by Trading Firms with Clearing Accounts linked to the GCM are shown on the Trades page for easy access.

cleartech portal

Demo GCM 1

Home Dashboard Trades Analytics Risk Help

Trades

Home » Trades

TRADES

February 1, 2015 - March 19, 2019

Trade Id Advanced Search

25 records per page

Date	Contract	Asset Class	Price	Options	Quantity	Buyer Firm	Seller Firm	Origin	Trade Type	Status	Trade
2019-02-04 23:00	CSTC FEB19	FFA Time Charters	\$21800		5		Demo Trading Firm 6	Block	Future	Failed Risk Assessment	PT122217
2019-02-04 22:52	CSTC FEB19	FFA Time Charters	\$21888		5		Demo Trading Firm 6	Block	Future	Failed Risk Assessment	PT122216
2019-02-04 22:41	CSTC FEB19	FFA Time Charters	\$21888		5		Demo Trading Firm 6	Block	Future	Failed Risk Assessment	PT122215
2019-02-04 21:31	CSTC FEB19	FFA Time Charters	\$20188		5		Demo Trading Firm 6	Block	Future	Failed Risk Assessment	PT122212
2019-01-30 17:47	CSTC MAY19	FFA Time Charters	\$2500		100			Block	Future	Pending	PT122058
2019-01-30 00:37	CTC JAN19	FFA Time Charters	\$2666		5		Demo Trading Firm 2	Block	Future	Pending	PT122049
2019-01-22 18:28	CSTC JAN19-FEB19 STRIP	FFA Time Charters	\$20000		5	Demo Trading Firm 5		Block	Future	Complete	PT122021

From the screenshot, even trades that **Failed the Risk Manager Assessment** are visible on this page. These trades generate an ID but **are not sent to the Clearing House**.

An example of the error message received by a broker when attempting to submit such trade that has breached the limits is as below:

Failed Risk Assessment: Rejected. The Buy side failed risk assessment due to 'The Lots allowed has been exceeded'; The Buy side failed risk assessment due to 'Restriction applied to Account'

2. Multi-Currency Functionality

Cleartech Portal's Risk Management currently supports both US Dollars (\$) and Euros (€). When adding a margin risk limit, a currency dropdown appears in front of the limit field.

HomeDashboardTradesAnalyticsRiskHelp

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR DEMO TRADING FIRM 2

TypeMargin

DatesMarch 19, 2019 to March 19, 2019

Limit\$ 500000

Warning Threshold80%

NettingEnabled

Product GroupsFFA Time Charters

ProductsBaltic Capesize STC Avg

Clearing AccountsDEMOACC07: ECC

Submit

Cancel

Once created, the limit will show the currency symbol in front of the limit value.

Risk Manager - Risk Limits

Show InactiveAddBack

RISK LIMITS FOR DEMO TRADING FIRM 1

Show 10Risk Limits per page

Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Margin	7 Sep	€ 100000	80%	Enabled	0 / 0	All	All	

Showing 1 to 1 of 1 Risk Limits

1

A broker registers a trade for 10 days of CTC OCT18, with the trading firm (against whom the limit has been created) selected as the buyer.

Block Trade

Asset classFFA Time ...ProductBaltic Capesize 4TC AvgStripInstrumentOCT18

Clearing HouseEEX

Trade TypeFutureOptionSpreadPrice14000Quantity per month10

Buyer

CompanyDemo Trading Firm 1TraderMatthew ClineBrokerDane ZavalaAccountECC Demo GCM 1 (DEMOACC07)

Seller

CompanyDemo Trading Firm 2TraderMaximilian HannaBrokerAron SimsAccountECC Demo GCM 1 (DEMOACC08)

Comment

SubmitCancelReset

CONTACTS

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ABOUT

part of eex group

Now looking at the risk limit, 38261.2 of the long limit has been used up.

Risk Manager - Risk Limits

Show InactiveAddBack

RISK LIMITS FOR DEMO TRADING FIRM 1

Show 10 Risk Limits per pageSearch:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Trades	Actions
Margin	7 Sep	€ 100000	80%	Enabled	38261.2 / 0	All	All		

Showing 1 to 1 of 1 Risk Limits

1

The deposit for CTC OCT18 is 4423.76 USD, the exchange rate is 1.1562 USD to 1 EUR. For 10 lots of CTC OCT18, the deposit required is 38261.20 EUR.

The Risk Limit can be amended at any time, changing the currency to USD. As a result, all risk limit balances are automatically re-calculated – the screen below now shows the limit as being 100000 USD, and the amount used 44237.6:

Risk Manager - Risk Limits

Show Inactive Add Back

RISK LIMITS FOR DEMO TRADING FIRM 1

Risk Limit Saved

Show 10 Risk Limits per page

Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Trades	Actions
Margin	7 Sep	\$ 100000	80%	Enabled	44237.6 / 0	All	All		

Showing 1 to 1 of 1 Risk Limits

<< < 1 > >>

The limit currency is furthermore correctly displayed on the Trader credit limit screen:

Default

Add RFQ Actions

Credit Limits						My Trades					
Last Updated: 1:34:51 pm						Date	Contract	Price	Quantity	Involvement	Status
GCM	Product Groups	Products	Clearing Accounts	Long	Short	2018-09-07 13:25	CTC OCT18	\$14000	10	Buyer	Processing
Demo GCM 1	All	All	All	\$44,238 / \$100,000	\$0 / \$100,000	Showing 1 to 1 of 1 entries					

A risk limit can be modified using the edit screen. It is not possible to change the risk limit type during an edit. Only the *Limit*, *Currency* and *Warning Threshold* can be edited.

Risk Manager - Edit Risk Limit

EDIT RISK LIMIT FOR DEMO TRADING FIRM 2

TypeMargin

DatesMarch 19, 2019 to March 19, 2019

Limit\$ 500000

Warning Threshold80%

NettingEnabled

Product GroupsFFA Time Charters

ProductsBaltic Capesize 5TC Avg

Clearing AccountsDEMOACC07: ECC

Submit

Cancel

3. Setting Limits For Group Accounts

Cleartech Portal is able to display clearing accounts on a **sub-account** level. If this setup is preferred, please provide the static on a sub-account level.

eg: Group Account: **AAAEX** for Demo Trading Firm 6

Subaccount 1: AAAEX (Long)

Subaccount 2: AAAEX (Short)

The below will cover limit setup for group accounts.

3.1 For Clients With Multiple Group Accounts

Add Limits on a **Group Level** by adding **both the Long and Short** accounts when adding a Risk Limit for Demo Trading Firm 6.

The Limits set are then **shared** and applicable towards both sub-accounts. Once a limit has been breached, both sub-accounts cannot be used for the submission of trades.

Risk Manager - Add Risk Limit

≡ ADD RISK LIMIT FOR DEMO TRADING FIRM 6

Type	Margin	Dates	October 12, 2018 to October 12, 2018
Limit	\$ 100000	Warning Threshold	80 %
		Netting	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Product Groups	FFA Time Charters		<input type="checkbox"/> All
Products	Baltic Capesize STC Avg		<input type="checkbox"/> All
Clearing Accounts	AAAEX (Long): ECC, AAAEX (Short): ECC		<input type="checkbox"/> All

Submit Cancel

Repeat for each Group level account.

3.2 For Clients With Only One Group Account

Bulk Actions can be utilized to set limits across sub-accounts on a Group Level.

However, this can only be used for Trading Firms with only one Group-level account as **all** clearing accounts are selected by default.

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR MULTIPLE CLIENTS

Clients

Demo Trading Firm 6 ✕

☐ All

Type

Margin

Dates

October 12, 2018 to October 12, 2018

▼

Limit

\$ ▼

100000

Warning Threshold

80

%

Netting

☒ Enabled ☐ Disabled

Product Groups

FFA Time Charters ✕

☐ All

Products

Baltic Capesize STC Avg ✕

☐ All

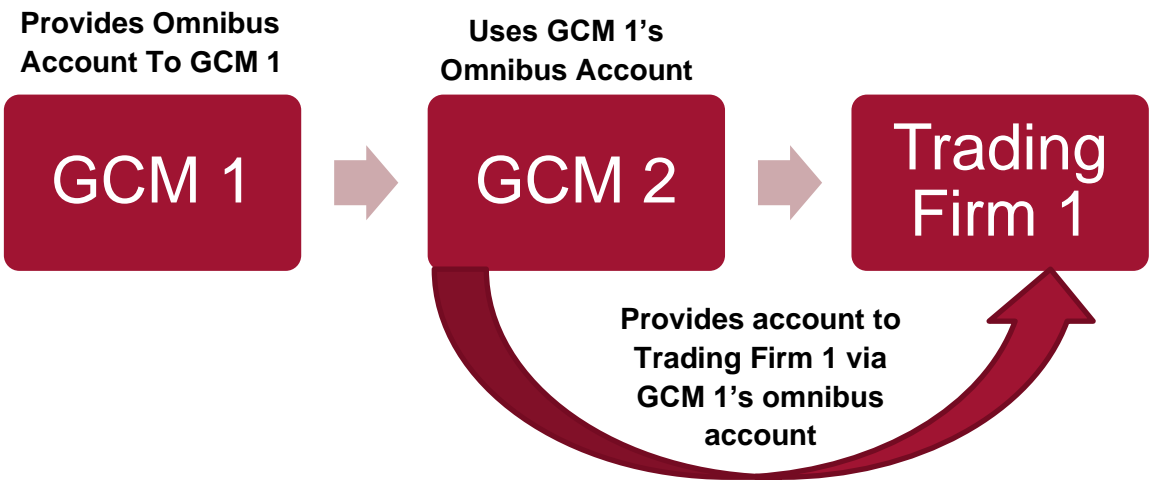
Clearing Accounts

All Clearing Accounts

☒ All

4. Omnibus Accounts

Omnibus relationships between GCMs can be established on Cleartech Portal. A diagram illustrating the relationship is as below:



As GCM 1, a Risk Limit can be set for GCM 2, like that of a Trading Firm.

cleartech portal

Home Dashboard Trades Analytics Risk Help

Risk Manager

RISK MANAGEMENT FOR DEMO GCM 1

Show 10 Clients per page Search:

Client	Type
Demo Trading Firm 1	Executing Firm
Demo Trading Firm 2	Executing Firm
Demo Trading Firm 3	Executing Firm
Demo Trading Firm 4	Executing Firm
Demo Trading Firm 5	Executing Firm
Demo Trading Firm 6	Executing Firm
Demo GCM 2	Clearing Firm

Showing 1 to 7 of 7 Clients

DEFAULT LIMIT

Default Limit Disabled

Trades will be Accepted

Enable Default Limit

ACTIONS

Add for multiple Clients

Delete all Risk Limits

Manage Email Alerts

IMPORT / EXPORT

Import Risk Limits

Export Risk Limits

4.1 As GCM 1

In this example, GCM 2 provides Demo Trading Firm 2 with an account: DEMOACC07 through an omnibus account provided by GCM 1.
GCM 1 can then set a Margin Risk Limit for GCM 2 without visibility to GCM 2's clients.

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR DEMO GCM 2

TypeMargin

DatesOctober 12, 2018 to October 12, 2018

Limit\$20000000

Warning Threshold80%

NettingEnabled

Product GroupsAll Product Groups

All

Clearing AccountsDEMOACC07: ECC*

All

Submit

Cancel

Risk Manager - Risk Limits



Show InactiveAddBack

RISK LIMITS FOR DEMO GCM 2

Risk Limit Added

Showing 10 Risk Limits per page

Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Margin	12 Oct	\$ 20000000	80%	Enabled	0 / 0	All	DEMOACC07	 

Showing 1 to 1 of 1 Risk Limits

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Demo GCM 2 is not able to see the limits set against them by Demo GCM 1 within Cleartech Portal.

4.2 As GCM 2

Demo GCM 2 is not able to see the limits set against them by Demo GCM 1 within Cleartech Portal. Only the Trading Firms with a relationship to GCM 2 will be visible.
If GCM 2 provides an omnibus account to another GCM, the setup will be the same as that of GCM 1 in Section 4.1.

cleartech portal

demo GCM 2

Home

Dashboard

Trades

Analytics

Risk

Help

Risk Manager

RISK MANAGEMENT FOR demo GCM 2

Show 10 Clients per page

Search:

Client	Type
Demo Trading Firm 1	Executing Firm
Demo Trading Firm 2	Executing Firm
Demo Trading Firm 3	Executing Firm
Demo Trading Firm 4	Executing Firm
Demo Trading Firm 5	Executing Firm
Demo Trading Firm 6	Executing Firm

Showing 1 to 6 of 6 Clients

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DEFAULT LIMIT

Default Limit Disabled

Trades will be Accepted

Enable Default Limit

ACTIONS

Add for multiple Clients

Delete all Risk Limits

Manage Email Alerts

EEX Asia Risk Management Cleartech Portal User Guide

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A Risk Limit can then be added for Demo Trading Firm 2.

The screenshot shows the 'Risk Manager - Add Risk Limit' form in the Cleartech Portal. The form is titled 'ADD RISK LIMIT FOR DEMO TRADING FIRM 2'. It includes the following fields and options:

- Type:** Margin (dropdown)
- Dates:** March 19, 2019 to March 19, 2019 (calendar icon and dropdown)
- Limit:** \$ 500000 (input field)
- Warning Threshold:** 80 % (input field)
- Netting:** ☒ Enabled ☐ Disabled
- Product Groups:** FFA Time Charters x (input field) ☐ All
- Products:** Baltic Capesize 5TC Avg x (input field) ☐ All
- Clearing Accounts:** DEMOACC07: ECC x (input field) ☐ All

At the bottom, there are 'Submit' and 'Cancel' buttons.

4.3 Upon Trade Registration

Upon registration of a trade, Risk Limits for both GCM 1 and GCM 2 will update.

4.3.1 As A Broker

Note that when a trade is registered, Cleartech Portal shows the GCM of the account to be GCM 2 despite the omnibus relationship.

Trades

Home • Trades Add Trade

TRADES

October 12, 2018 - October 12, 2018 Trade Id Advanced Search

25 records per page Columns Export

Date	Contract	Asset Class	Product	Clearing House	Price	Options	Quantity	Buyer Firm	Buyer Account	Buyer Trader	Seller Firm	Seller Account	Seller Trader	Origin	Trade Type	Status	Trade
2018-10-12 22:12	CSTC NOV18	FFA Time Charters	Baltic Capesize 5TC Avg	EEX	\$21950		15	Demo Trading Firm 2	ECC Demo GCM 2 (DEMOACC07)	Maximilian Hanna				Block	Future	Processing	PT120700

4.3.2 As GCM 2

HomeDashboardTradesAnalyticsRisk ManagerHelp

Risk Manager - Risk Limits

AddBack

RISK LIMITS FOR DEMO TRADING FIRM 2

Show10Risk Limits per page

Search:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Trades	Actions
Margin	12 Oct	\$ 500000	80%	Enabled	63944.1 / 0	FFA Time Charters / CSTC	DEMOACC07		

Showing 1 to 1 of 1 Risk Limits

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Viewing into Trade Details:

Trade Details

TRADE #PT120700 | OCT 12, 2018 22:12

Back

Details

Trade Details

Trade Id:PT120700

Trade Date:Oct 12, 2018 22:12:23

Trade Status

Added Date:Oct 12, 2018 22:12

Status:Processing

Clearing Status:Currently processing at EEX

Buyer

Trading FirmDemo Trading Firm 2

Clearing FirmDemo GCM 2

Broker FirmBarry Rogliano Salles

TraderMaximilian Hanna

Clearing HouseEEX

BrokerDante Jacobs

Clearing AccountDEMOACC07

Clearing Account TypeLinked

Legs

Code	Product	Period	Quantity Per Month	Lots	Price
CSTC NOV18	Baltic Capesize 5TC Avg	NOV18	15	15	\$21950.00

Note that even if GCM 1 has Trading Firm 2 as a client, the Omnibus Relationship via GCM 2 will not affect the relationship between GCM 1 and Trading Firm 2 on the Risk Manager.

Clicking into Demo GCM 1 will show the margins used correspondingly.

RISK LIMITS FOR DEMO GCM 2

Show Risk Limits per page Search:

Type	Dates	Limit	Threshold	Netting	Used ⓘ	Products ⓘ	Accounts	Trades	Actions
Margin	12 Oct	\$ 20000000	80%	Enabled	63944.1 / 0	All	DEMOACC07	✔	🗑️✎️☰

Showing 1 to 1 of 1 Risk Limits

« < 1 > »

GCM 1 is able to see the Trade ID, but is not able to see the Trade Details:

Risk Manager - Risk Limit TradesBack

≡ RISK LIMIT TRADES FOR DEMO GCM 2

Type: Margin | Dates: 12 Oct | Limit: 20000000 | Warning Threshold: 80% | Netting: Enabled | Product Groups: All | Products: All | Clearing Accounts: DEMOACC07

Show 10 Trades per page

Search:

Trade	Trade Date	Risk Assessment Date	Status
PT120700	12/10/2018 14:12:23	12/10/2018 14:12:24	Accepted

Showing 1 to 1 of 1 Trades

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5. Bulk Actions

Use the *Actions* function to affect multiple Trading Firms simultaneously. Four actions are available: *Add for Multiple Clients*, *Delete All Risk Limits*, *Manage Alerts* and *View All Trades*.

ACTIONS

+ Add for multiple Clients

Delete all Risk Limits

Manage Alerts

View All Trades

5.1 Delete All Risk Limits

Clicking *Delete all Risk Limits* will delete Risk Limits across all clients:

Risk Manager

RISK MANAGEMENT FOR DEMO GCM 1

Risk Limits Deleted

Show 10 Clients per page

Search:

Client	Type
Demo Trading Firm 1	Executing Firm
Demo Trading Firm 2	Executing Firm
Demo Trading Firm 3	Executing Firm
Demo Trading Firm 4	Executing Firm
Demo Trading Firm 5	Executing Firm
Demo Trading Firm 6	Executing Firm

DEFAULT LIMIT

Default Limit Disabled

Trades will be Accepted

Enable Default Limit

BULK ACTIONS

+ Add for multiple Clients

Delete all Risk Limits

5.2 Add For Multiple Clients

Clicking *Add For Multiple Clients* allows the addition of Risk Limits across **multiple** clients. Fields that allow for multiple selections are: *Clients*, *Product Groups* and *Products*.

Please note that *Clearing Accounts* can only be set to **All** if set via *Bulk Actions*.

Risk Manager - Add Risk Limit

ADD RISK LIMIT FOR MULTIPLE CLIENTS

Clients: Demo Trading Firm 1, Demo Trading Firm 4 ☐ All

Type: Margin Dates: October 12, 2018 to October 12, 2018

Limit: \$ 100000 Warning Threshold: 80 %

Netting: ☒ Enabled ☐ Disabled

Product Groups: FFA Time Charters ☐ All

Products: Baltic Capesize 5TC Avg, Baltic Panamax 4TC Avg ☐ All

Clearing Accounts: All Clearing Accounts ☒ All

If multiple Trading Firms are added through *Bulk Actions* as above, the limits set are set for each individual Trading Firm and are not shared between.

eg: If a limit of eg \$100,000 is set as above, both Demo Trading Firm 1 and Demo Trading Firm 4 will have a \$100,000 limit set shared across their respective clearing accounts.

5.3 Manage Alerts

Alerts may be set for any rejected trades or warning threshold breaches. Please note that only 1 email address may be input per addition. An email notification will be sent for all active alerts.

ALERTS FOR DEMO GCM 1

Show	10	Alerts	Search:	
Email Address	Rejections	Warning Threshold Breaches	Active	Actions
marketops@eexasia.com	Yes	No	Yes	

ADD ALERT

Email Address

Rejection

Yes

Warning Threshold

Yes

Active

Yes

Save

Cancel

5.4 View All Trades

Clicking *View All Trades* shows all trades executed by all trading and clearing firms linked to the user’s GCM. Trades may be filtered by client, limit type, trade date and trade status.

TRADES FOR DEMO GCM 1

Client

All

Limit

All

Trade Date

May 19, 2021 to June 17, 2021

Status

All

Filter

Reset

Show 10 Trades per page

Client	Limit	Trade	Trade Date	Risk Assessment Date	Risk Status	Trade Status
Demo GCM 2	Lots per Trade	PT169798	02/06/2021 09:07:05	02/06/2021 09:07:05	Accepted	Processing
Demo GCM 2	Lots per Trade	PT169796	01/06/2021 15:59:34	01/06/2021 15:59:34	Accepted	Processing

Showing 1 to 2 of 2 Trades

1

6. Importing and Exporting Risk Limits

The previous pages show how to manually set the risk limits and is useful to help understand what the GCM is setting up.

An **import function** is available to allow many risk limits to be set using one import file. This will be useful for uploading Risk Limits across multiple clients when done on a daily basis .

6.1 Importing Risk Limits

To import risk limits, a CSV file like the below is used:

A	B	C	D	E	F	G	H	I	J	K	L
Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
131503	1	19/3/2019	19/3/2019	2000000		80	Enabled	All	All	131480	1
131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1

*Note that the Client, Risk Limit, Product Groups, Products, Clearing Accounts and Currency has been **anonymized** by codes.*

These codes are extracted from the **Reference** section of the Risk Manager.

Demo Trading Firm 3	Executing Firm	
Demo Trading Firm 4	Executing Firm	
Demo Trading Firm 5	Executing Firm	
Demo Trading Firm 6	Executing Firm	
Demo GCM 2	Clearing Firm	Active Limit

Showing 1 to 7 of 7 Clients

« < 1 > »

ACTIONS

- + Add for multiple Clients
- Delete all Risk Limits
- Manage Email Alerts

IMPORT / EXPORT

- Import Risk Limits
- Export Risk Limits

Reference

- Risk Limit Types
- Clients
- Clearing Accounts
- Products
- Currencies

Below is a list of **References** that can be exported, with a reference to the anonymized coding:

File	Content List
Risk Limit Types	Risk Limit, and their reference code
Clients	Client, client type, and their reference code
Clearing Accounts	Clearing Account, associated clearing house, and their reference code
Product	Product Group, and its reference code, Products, and their reference code
Currencies	Currency Type, and their reference code

≡ IMPORT / EXPORT

⬆ Import Risk Limits

⬇ Export Risk Limits

📄 Reference

⬆ Risk Limit Types

⬆ Clients

⬆ Clearing Accounts

⬆ Products

⬆ Currencies

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Clicking any of these references will trigger the download of a CSV file.

1) An example of the **Clients** CSV:

	A	B	C
1	Client	Type	Reference
2	Demo Trading Firm 1	Executing Firm	131503
3	Demo Trading Firm 2	Executing Firm	131505
4	Demo Trading Firm 3	Executing Firm	131507
5	Demo Trading Firm 4	Executing Firm	131509
6	Demo Trading Firm 5	Executing Firm	131511
7	Demo Trading Firm 6	Executing Firm	131513
8	Demo GCM 2	Clearing Firm	131486

eg: To set limits for Demo Trading Firm 1, the value keyed in the **Import CSV** under the **Clients Column** should be 131503.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
2	131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
3	131503	1	19/3/2019	19/3/2019	2000000		80	Enabled	All	All	131480	1
4	131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1

2) An example of the **Risk** CSV:

	A	B
1	Risk Limit Type	Reference
2	Lots	4
3	Lots per Trade	2
4	Margin	1
5	Stop	3
6		

eg: To set Margin type limit, the value keyed in under the **Risk Limit Column** should be 1.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
2	131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
3	131503	1	19/3/2019	19/3/2019	2000000		80	Enabled	All	All	131480	1
4	131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1

3) An example of the **Clearing Accounts** CSV:

	A	B	C
1	Clearing Account	Clearing House	Referenc
2	DEMOACC07	EEX	131480
3	DEMOACC08	EEX	131481
4	DEMOACC09	EEX	131482
5	DEMOACC11	EEX	131484
6	DEMOACC12	EEX	131485

eg: To set a limit for a specific clearing account DEMOACC07, the value keyed in under the **Clearing Account Column** should be 131480.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
2	131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
3	131503	1	19/3/2019	19/3/2019	20000000		80	Enabled	All	All	131480	1
4	131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1

4) An example of the **Products CSV**:

	A	B	C	D
1	Product Group	Product Group Reference	Product	Product Reference
2	FFA Time Charters		20 Baltic Capesize 4TC Avg	1344
3	FFA Time Charters		20 Baltic Capesize 5TC Avg	1340
4	FFA Time Charters		20 Baltic Handysize 6TC Avg	1341
5	FFA Time Charters		20 Baltic Panamax 4TC Avg	1343
6	FFA Time Charters		20 Baltic Supramax 10TC Avg	1497
7	FFA Time Charters		20 Baltic Supramax 6TC Avg	1342

Note that the *Product Group Reference* is an anonymized code for the **Asset Class**. The *Product Reference* is an anonymized code for the **specific Product**.

eg: To set a limit for FFA Time Charters (Asset Class), the value keyed in under the **Product Groups Column** should be 20.

eg: To set a limit for Capesize 5TC (Product), the value keyed in under the **Products Column** should be 1340.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
2	131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
3	131503	1	19/3/2019	19/3/2019	20000000		80	Enabled	All	All	131480	1
4	131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1

5) An example of the **Currency CSV**:


	A	B
1	Currency Type	Reference
2	Euro	2
3	United States Dollar	1
4		


eg: To set a limit for USD, the value keyed in under the **Currency Column** should be 1.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Client	Risk Limit	Start Date	End Date	Limit	Applies	Warning Threshold	Netting	Product Groups	Products	Clearing Accounts	Currency Type
2	131486	1	19/3/2019	19/3/2019	400000000		80	Enabled	All	All	All	1
3	131503	1	19/3/2019	19/3/2019	2000000		80	Enabled	All	All	131480	1
4	131505	1	19/3/2019	19/3/2019	500000		80	Enabled	20	1340	All	1
5												

The CSV file is then uploaded using the *Import Risk Limits* function.

≡ IMPORT / EXPORT

 Import Risk Limits

 Export Risk Limits

The import process is generally quick, but may take longer for a first time import or if an error was present.

Successful Import:

✓ Imported 1 Risk Limits

Close

Failed Import

✗ Import failed

Row 1: Client "131480" not recognised

Close

6.1.1 Important Notes on Importing Risk Limits

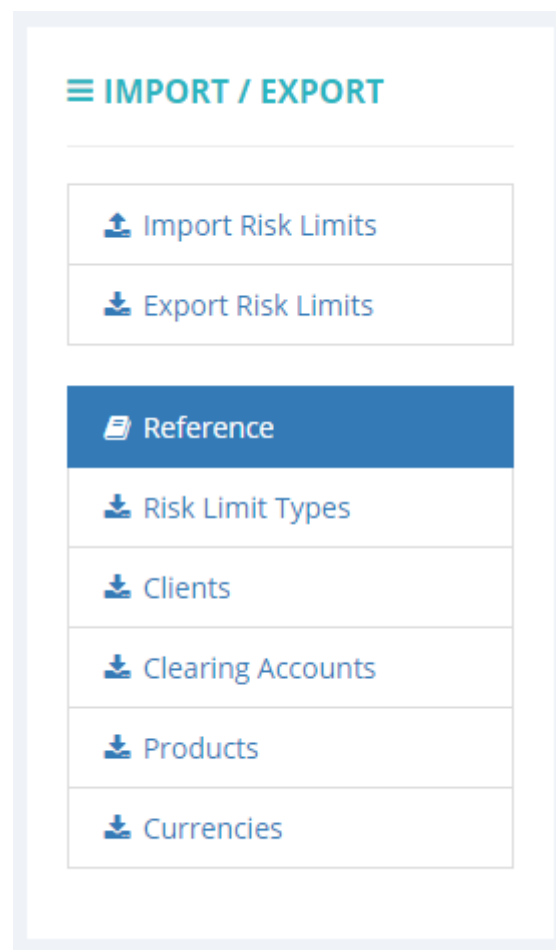
- 1) Risk limits for **future** dates can be imported but will show as **Not Yet Active** in the *Inactive* page as per Section 1.6.
- 2) Importing a Risk Limit will **inactivate** any **existing active limits**.
- 3) Consider exporting an existing Risk Limit and using it as a **template** for new risk limits to reduce the risk of import errors.

6.2 Exporting Risk Limits and Other Information

CSV files can be exported from the Risk Manager Menu. These values can be used on their own and can also be used to help fill in the Import File for Upload.

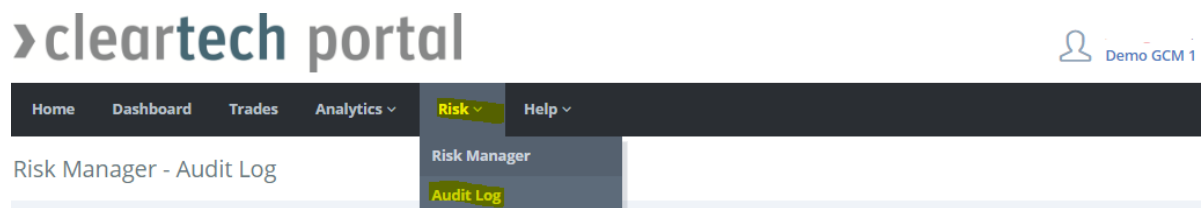
Below is a list of what can be exported by clicking the *Export Risk Limits* button:

File	Content List
Risk Limit	Risk Limit, and their reference code
Clients	Client, client type, and their reference code
Clearing Code	Clearing Account, associated clearing house, and their reference code
Product	Product Group, and its reference code, Products, and their reference code
Currencies	Currency Type, and their reference code



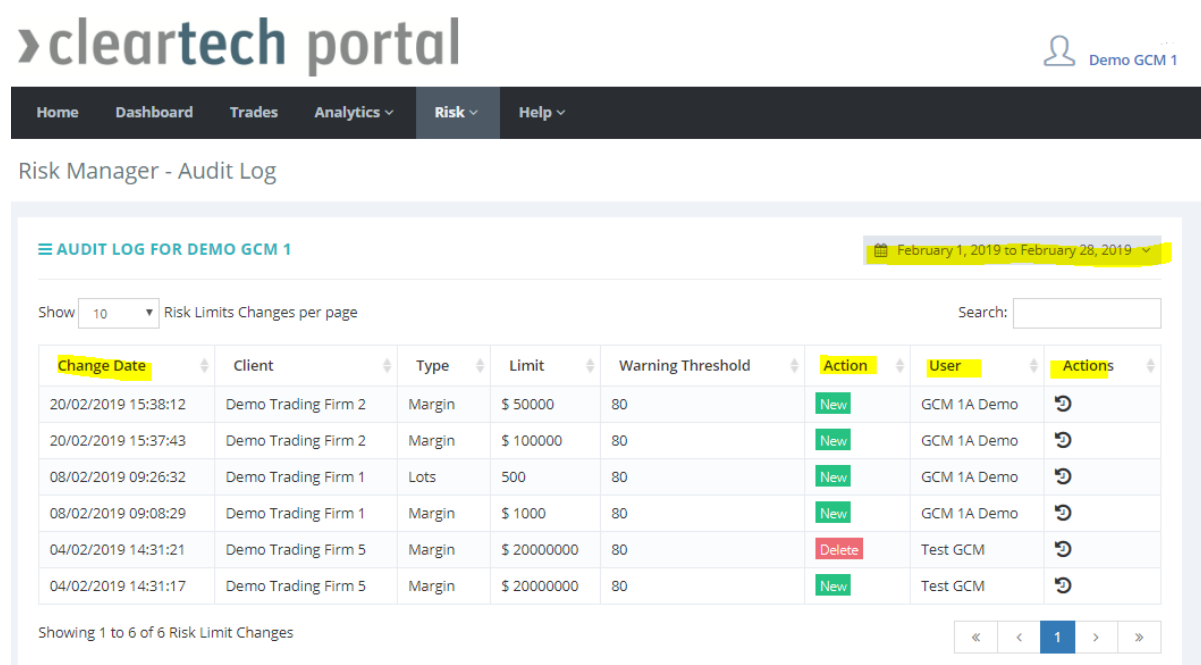
7. Audit Log

Audit Logs are available to users with an Audit Log function.



The Audit Log records all changes to the margins across all accounts in the GCMs.

The period is customizable, the default period will be T-day.



The **Audit Log** shows

- 1) Change Date
- 2) The Action that was carried out
- 3) The User that carried out the Action
- 4) Further Actions on the right-most column.

If a limit was **edited**, a new action “*View History*” appears beside the limit in the Risk Manager:

cleartech portal

Demo GCM 1

HomeDashboardTradesAnalyticsRiskHelp

Risk Manager - Risk Limits

Show InactiveAddBack

RISK LIMITS FOR DEMO TRADING FIRM 2

Risk Limit Saved

Show 10 Risk Limits per pageSearch:

Type	Dates	Limit	Threshold	Netting	Used	Products	Accounts	Actions
Margin	19 Mar	\$ 400000	80%	Enabled	0 / 0	FFA Time Charters / CSTC	All	<div><div></div><div></div><div></div></div>

Showing 1 to 1 of 1 Risk Limits

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The Audit Log will also be amended to reflect the update:

Risk Manager - Audit Log

AUDIT LOG FOR DEMO GCM 1

March 19, 2019 to March 19, 2019

Show 10 Risk Limits Changes per pageSearch:

Change Date	Client	Type	Limit	Warning Threshold	Action	User	Actions
19/03/2019 05:48:30	Demo Trading Firm 2	Margin	\$ 500000 ⇒ \$ 400000	80	<div>Update</div>	GCM 1A Demo	<div><div></div></div>

Appendix I: Document History

Version	Date	Summary of Changes	Author / Reviewer	Approver
1.0	12/10/2018	First Iteration of the User Guide	Amirah Aidura	Zhi Rui Ang
1.1	19/3/2019	Update of Images Update of Import Process Addition of Audit Log Process	Amirah Aidura	Zhi Rui Ang
1.2	17/6/2021	Update of new features & format	EEX Asia Market Ops	Zhi Rui Ang