

TRADING TECHNOLOGIES

CME_BrokerTec_Chicago Onboarding Guide

Version 1.2

July 2026

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Revision History

Date	Version	Description
June 5th 2026	1.00	Initial publication
June 11th 2026	1.10	UAT Updates
July 14th 2026	1.20	Production Updates

Introduction

CME BrokerTec has launched a separate US Treasury Central Limit Order Book, colocated with CME Futures markets in Aurora, to unlock efficiencies in Cash-Futures trading. This market will be referred to as CME BrokerTec Chicago (CME_BrokerTec_Chicago) on the TT platform.

This guide provides an overview of trading these contracts on TT®.

New Market on TT

A new market, **CME_BrokerTec_Chicago,** will be added on TT to support trading on these contracts.

Product and Instrument Details

1. TT's Price Server application subscribes to only the conflated channel (504) on the existing CME MDP 3.0 API for BrokerTec API
2. TT supports all relevant products on the data feed provided by the exchange
    a. Chicago UST 2yr Bond CB02
    b. Chicago UST 3yr Bond CB03
    c. Chicago UST 5yr Bond CB05
    d. Chicago UST 7yr Bond CB07
    e. Chicago UST 10yr Bond CB10
    f. Chicago UST 20yr Bond CB20
    g. Chicago UST 30yr Bond CB30
3. The CME BrokerTec Chicago market supports a 1/16 of a 32nd tick and decimal precision of 9 digits on Globex

Session Schedule

1. Standard Time: 6:30pm EST open - 5:30pm EST close
2. Daylight Savings Time: 7:30pm EDT open - 5:30pm EDT close

TTUS Configuration

The below settings will need to be configured for the user to be able to trade on the **CME_BrokerTec_Chicago** market on TT.*

**If this market is not visible to the company admins, they should contact their TT Onboarding representatives to enable this market for their company.*

User Level Settings

1. Enable the relevant Market Data Permissions for the user, and accept the CME_Brokertec_Chicago Market Data Agreement.
2. Entering Trader - This is a required field, and maps to exchange Tag 5392 for manual orders.
3. ATS Operator ID - Maps to exchange Tag 5392 for automated orders.
4. Team Head Trader Location - Country and State of the trader and maps to the exchange Tag 142.
5. SMP ID - Optional field that maps to exchange Tag 7928.
6. SMP Instruction - Optional field that maps to exchange Tag 8000. Defines the action in case self match prevention is triggered.

Account Level Settings

1. Customer Order Capacity - Optional field that maps to exchange tag 582. Allowed values:
    a. 1 = Member Trader
    b. 2 = Proprietary
    c. 3 = On Behalf of Other Traders
    d. 4 = Customers
2. Clearing Account - Optional field, enter the exchange-provided account name (up to 12-character). The account name is required for order routing. The user's routing/clearing account is sent to the exchange as Tag 1693=24 in the exchange API. If the user has an internal sub-account mapped to a routing/clearing parent account, the parent account is sent as Tag 1693=24.
3. Customer Order Handling Instruction - Sent to exchange on Tag 1031. Valid values:
    a. W = Desk
    b. Y = Electronic
    c. C = Vendor-provided Platform billed by Executing Broker
    d. G = Sponsored Access via Exchange API or FIX provided by Executing Broker
    e. H = Premium Algorithmic Trading Provider billed by Executing Broker
    f. D = Other, including Other-provided Screen
4. Direct Electronic Access - Optional field that maps to exchange tag 1724
    a. 0 = No
    b. 1 = Yes
5. Investment Decision ID - Optional field that maps to exchange tag 36023

6. Execution Firm - Optional field that maps to exchange tag 1691 with 1693 = 1.

Connection Settings

For UAT Environment -

1. Request Port, Session ID and Firm ID, Secret Key, Access Key ID from CME. However, if you already have credentials for CME_BrokerTec the same credentials can be reused.

For Production Environment -

1. Request Port, Session ID and Firm ID, Secret Key, Access Key ID from CME. However, if you already have credentials for CM_Broker the same credentials can be reused.

Summary of OTDs and FIX Tags

Below is a summary of the OTDs and FIX Tags that will be supported on TT for CME_BrokerTec_Chicago:

Exchange Field	Exchange Tag	TTUS OTD	FIX Tag
Account	1691 with 1693 = 24	Clearing Account	Tag 1 / Tag 16999
Customer Order Handling Instruction	Tag 1031	Customer Order Handling Instruction	Tag 1031
CustomerOrderCapacity	Tag 582	Customer Order Capacity	Tag 582
Entering Trader or ATS Operator ID	Tag 5392	Sender Sub ID	Tag 50
SMP ID	Tag 7928	SMP ID	Tag 7928
Self Match Prevention Instruction	Tag 8000	SMP Instruction	Tag 8000

Go Live Schedule and Plan

Phase	Planned Date
UAT Date	9th June 2026
Go Live	17th July 2026

***This market supports FIX services (Order Routing, Market Data, and Drop Copy) v305 and after.

Frequently Asked Questions

1. **When will production connection setup be available?** Specifics regarding production connectivity will be shared as part of the forthcoming go-live communication.
2. **Are mock testing sessions available?** Since CME_BrokerTec_Chicago is already live, mock tests are not provided by the market. However, testing can be conducted within the TT UAT environment.