

TT[®] FIXED INCOME

Maximize your fixed income trading with our comprehensive suite of solutions across listed derivatives, U.S. Treasuries, credit, government bonds and interest rate swaps.



The TT Fixed Income offering incorporates a comprehensive range of solutions, from advanced trading tools for highly liquid markets operating on a central limit order book, such as U.S. Treasuries, to quoting and market-making tools using RFQ, RFO and RFM workflows for credit, government bonds and interest rate swaps.

Traders and brokers can leverage TT's unique fixed income trading solutions for market making, quoting, bond pricing and order execution across 40+ fixed income execution venues, with coverage across listed derivatives, U.S. Treasuries, credit, corporate, government emerging market and municipal bonds, and interest rate swaps.

TT FIXED INCOME HIGHLIGHTS

- ◆ Advanced solutions for trading highly liquid markets, including listed derivatives and U.S. Treasuries
- ◆ RFQ, RFO, RFM execution and market-making solutions for credit, government bonds and interest rate swaps
- ◆ Ability to trade cross-asset, such as hedging cash bonds with futures
- ◆ 40+ fixed income execution venues, including Bloomberg, BrokerTec, Fenics, Market Axess, MTS and Tradeweb
- ◆ Open architecture
- ◆ Automated and aggregated markets, data and trading workflows
- ◆ Integrated data analytics using real-time, historic and external pricing data

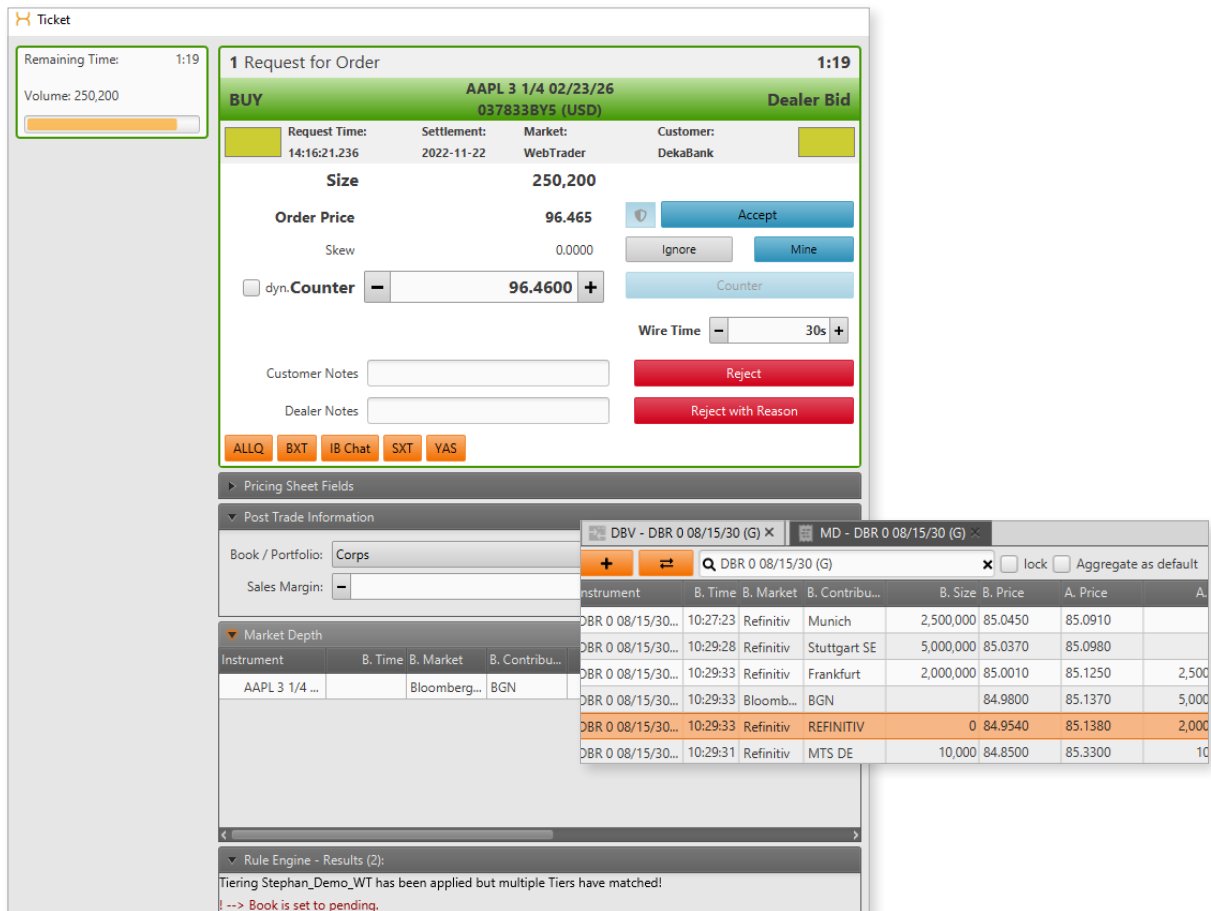
HIGHLIGHTS

FOR LISTED DERIVATIVES AND U.S. TREASURIES TRADERS

- ◆ View, chart and trade with flexibility and ease using the static MD Trader® price ladder and integrated charts
- ◆ Optimize order flow and routing with TT OMS, enabling care orders, bulk orders, advanced order handling and the ability to control a global order book
- ◆ Leverage a full suite of execution tools, including ADL®, Autospreader®, broker algos and third-party algo

FOR CREDIT, GOVERNMENT BOND AND SWAPS TRADERS AND BROKERS

- ◆ Aggregate markets, data and trading workflows on a single, fully scalable desktop
- ◆ Utilize an advanced pricing engine purpose-built for fixed income
- ◆ Control when, where and how to quote
- ◆ Manage workflows across platforms and legal entities
- ◆ Leverage integrated data analytics using your firm's real-time, historic and external pricing data

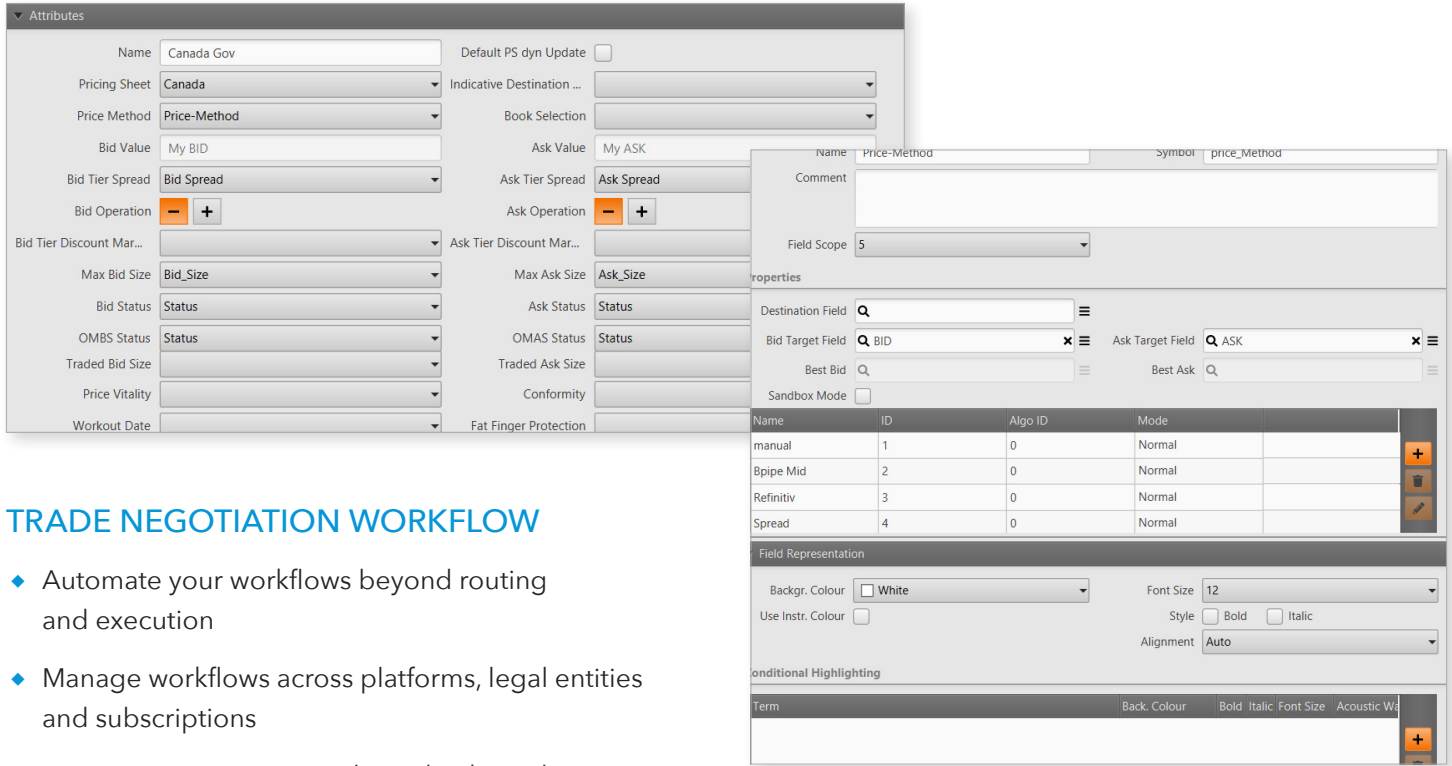


The screenshot displays the TT OMS interface. The main window is titled '1 Request for Order' for 'AAPL 3 1/4 02/23/26' (037833BY5 (USD)) with a 'Dealer Bid' status. The order details include: Request Time: 14:16:21.236, Settlement: 2022-11-22, Market: WebTrader, Customer: DekaBank, Size: 250,200, Order Price: 96.465, and Skew: 0.0000. The 'dyn.Counter' is set to 96.4600. Buttons for 'Accept', 'Ignore', 'Mine', 'Counter', 'Wire Time' (30s), 'Reject', and 'Reject with Reason' are visible. Below the order details are sections for 'Pricing Sheet Fields', 'Post Trade Information', 'Market Depth', and 'Rule Engine - Results (2)'. The 'Market Depth' window is open, showing a table of orders for 'DBR 0 08/15/30 (G)'. The table has columns for Instrument, B. Time, B. Market, B. Contribu..., B. Size, B. Price, A. Price, and A. The table contains several rows of order data, with the top row highlighted in orange.

| Instrument | B. Time | B. Market | B. Contribu... | B. Size | B. Price | A. Price | A. |
|-------------------|----------|-----------|----------------|-----------|----------|----------|-------|
| DBR 0 08/15/30... | 10:27:23 | Refinitiv | Munich | 2,500,000 | 85.0450 | 85.0910 | |
| DBR 0 08/15/30... | 10:29:28 | Refinitiv | Stuttgart SE | 5,000,000 | 85.0370 | 85.0980 | |
| DBR 0 08/15/30... | 10:29:33 | Refinitiv | Frankfurt | 2,000,000 | 85.0010 | 85.1250 | 2,500 |
| DBR 0 08/15/30... | 10:29:33 | Bloomb... | BGN | | 84.9800 | 85.1370 | 5,000 |
| DBR 0 08/15/30... | 10:29:33 | Refinitiv | REFINITIV | 0 | 84.9540 | 85.1380 | 2,000 |
| DBR 0 08/15/30... | 10:29:31 | Refinitiv | MTS DE | 10,000 | 84.8500 | 85.3300 | 10 |

QUOTE MANAGEMENT

- ◆ Control when, where and how you quote with sophisticated logic
- ◆ Get complete control of client servicing, pricing and quoting with client tiering and auto-quoting features
- ◆ Improve hit ratios on all markets in real time and increase the number of RFQs answered by an individual trader



The screenshot displays the 'Attributes' configuration panel for a quote. It includes fields for Name (Canada Gov), Pricing Sheet (Canada), Price Method (Price-Method), Bid Value (My BID), Bid Tier Spread (Bid Spread), Bid Operation (+/-), Bid Tier Discount Mar..., Max Bid Size (Bid_Size), Bid Status (Status), OMB Status (Status), Traded Bid Size, Price Vitality, and Workout Date. It also features a 'Default PS dyn Update' checkbox and 'Indicative Destination ...' dropdown.

Below the configuration panel is a 'Properties' section with a table of quote types:

| Name | ID | Algo ID | Mode |
|-----------|----|---------|--------|
| manual | 1 | 0 | Normal |
| Bpipe Mid | 2 | 0 | Normal |
| Refinitiv | 3 | 0 | Normal |
| Spread | 4 | 0 | Normal |

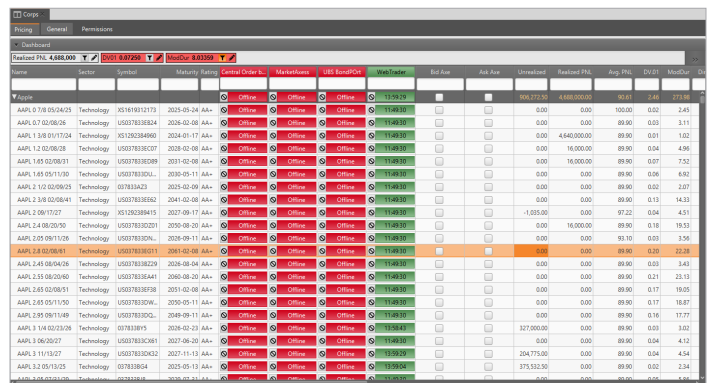
Additional settings include 'Field Scope' (5), 'Destination Field' (Q), 'Bid Target Field' (Q BID), 'Ask Target Field' (Q ASK), 'Best Bid' (Q), and 'Best Ask' (Q). There are also checkboxes for 'Sandbox Mode' and 'Fat Finger Protection'.

TRADE NEGOTIATION WORKFLOW

- ◆ Automate your workflows beyond routing and execution
- ◆ Manage workflows across platforms, legal entities and subscriptions
- ◆ Incorporate counterparty limit checks and FX integration
- ◆ Digitize internal trade workflows with the WebTrader user interface

DATA AND ANALYTICS

- ◆ Aggregate and normalize your trading data in a single view across runs, axes, venue and broker liquidity, transactions and client notifications
- ◆ Link customer third-party analytics tools using open data architecture
- ◆ Offer customers complete privacy of their proprietary data



The screenshot shows a dashboard with a table of trading data. The table has columns for Name, Sector, Symbol, Maturity, Rating, Central Order Ex., MarketMaker, USY, USY, Web, Bid, Ask, Unmatched, Realized P/L, Avg. P/L, Dv01, and MaxDur. The data rows include various technology-related entries with their respective metrics.

TT offers connectivity to more than 40 fixed income venues and platforms operated by:

- ◆ ARQA
- ◆ Bloomberg
- ◆ Börse Stuttgart
- ◆ CanDeal
- ◆ CATS
- ◆ CME
- ◆ Fenics
- ◆ ICE
- ◆ Indonesian Stock Exchange
- ◆ Integral FX
- ◆ MarketAxess
- ◆ MTS
- ◆ Reuters
- ◆ Tradeweb
- ◆ Trumid
- ◆ Tullet
- ◆ UBS
- ◆ Xetra
- ◆ Xitaro
- ◆ Yieldbroker

CONTACT TT

For more information about TT Fixed Income and a personalized demo, contact your local Trading Technologies representative or email sales@tradingtechnologies.com.