

System Overview

Trader® is our “front-to-back” real-time processing solution that integrates all trading and investment activities across multiple asset classes, offering breadth as well as depth of functionality

Trader was developed through collaboration with our clients, and with the unique challenges and requirements facing the financial industry in mind, the *Trader* system offers straight through processing of your fixed-income and derivative portfolios. *Trader* is fully integrated with our core products: our portfolio management and accounting system, *Portfolio Genius®*; and our derivative accounting system, *Derivative Genius®*. It easily accommodates the wide array of security instruments and structures available to sophisticated investment professionals.

From sales to the operations desk, to trading and risk management, *Trader* coordinates all of your firm’s efforts into one easy-to-use solution.

The *Trader* system:

- Provides positions and exposures in real-time with immediate access to underlying trades
- Processes exotics and structured products as easily as any vanilla items and provides an array of tools for controlling operational risk while meeting stringent GAAP and FAS accounting standards
- Provides for an automated link to *Bloomberg Data License®* for indicative data as well as verification and reconciliation of trades
- Delivers technological advantage with Microsoft's .NET smart client, real-time services and advanced financial engineering

Instrument Coverage

Bonds

- Structured
- Callable
- Step-up
- CMO
- ABS
- MBS
- CMBS
- Government
- Corporate
- Municipals
- Preferred
- Inflation-linked Securities
- Foreign

Fundings

- Standard Repos
- Reverse Repos
- Open-ended TFN
- Open
- Multiple Collateral
- Fixed/Floating Rate
- Collateral Only
- Cash Only
- Buy/Sell Backs
- Tri-party
- Central Bank
- Security Lending/Borrowing

Derivatives

- Swaps
- Futures
- Options
- Swaptions
- Caps and Floors
- FX

Equities

- Stocks
- Mutual Funds

System Functionality

Key Features

Trader is designed to handle trading for fixed income securities, repos and reverse repos, Fed Funds, money markets, and derivatives.

Other key features include:

- User-configurable quick trade entry screen accommodates busy and high-trade environments
- Full integration with TPG's core investment and liability accounting system, *Portfolio Genius*
- Full control of issuance workflow and transaction entry (initial, reopen, repurchase, and call)
- Automatic generation of trade tickets, confirmations, etc.
- Configurable bond trade and trade desk inventory
- Interfaces in real time for security terms and conditions
- Provides trade details to your custodian through SWIFT messaging
- Customization using TPG's unique Automation Tool Kit (ATK) automates your internal processes regarding moving data, reporting, scheduling, interfacing to other systems, etc.

Real Time Position Views and Blotters

The real-time position viewer gives your exact position and exposure, including underlying positions, mark-to-market, and profit and loss. The system provides trade drilldown, built-in calculators and customized reporting. Repos are shown, as well as the underlying bond positions. The window contains all necessary repo trade details, including collateral, quantities, repo rates, start and end dates, and more.

Funding

Trader provides pricing grid management and "what-if" analysis, as well as pricing, management, and full support for repos across any period and coupon dates. The system provides automatic creation of all documentation, including physical and cash transfers. Cash and collateral management related to the repo is handled automatically with full support for haircuts and collateral substitution. Margin reports include trade drilldown or counterparty summary format substitution and adjustment of existing collateral. And the system provides interim interest, full or partial, with an option to force interim cash clean-up prior to a repo's maturity, and complete control of capitalization features.

Additional Funding Features

- Full trade capture, date and time stamping, and analytics functionality
- Front-to-back straight through processing to the accounting engine
- FAS 91, 115, and 133 compliant accounting links
- Support for repos and reverse repos, as well as outright trades

System Functionality,
New Functionality,
and Technology Platform

Interfaces and Valuation Models

- Ability to capture terms and conditions from *Bloomberg Data License*
- Interface provides securities' terms and conditions, including projected cash flows of complex structures for proper deal capture
- Integration of any third party's data sources and models (*Interactive Data, Yield Book, etc.*)
- Support for major static prepayment conventions, including PSA and CPR, and all the models supported by *Bloomberg* products (*Davidson, Manufactured Housing, etc.*)