

MANAGE YOUR TRADE RISK, NOT YOUR TRADE RISK SYSTEM.



Ever had to wait on your E/CTRM? Price normalizing, recategorization, waiting on curves...we know how you feel. It shouldn't be this difficult. That's why Molecule was built.

POWERFUL. FAST. AUTOMATIC. MOLECULE IS EVERYTHING AN E/CTRM SHOULD BE

Molecule's modern, reliable, and easy-to-use energy and commodities trading risk management platform saves you time, money, and...well, energy.

With Molecule, your trades flow in instantly through our many built-in exchange and ISO connectors. Plus, our spreadsheet upload and natural language entry get your bilateral trades into Molecule in almost no time.

Market data comes your way automatically, using multiple data connectors. You get live position and P&L throughout the day, and MtM and end-of-day reports happen automatically and accurately.

ELIMINATE HUMAN ERROR

Molecule automates what it can, and lets you do the rest. Trade capture, mark-to-market, Value at Risk, settlement, and more are automated in near real-time. Plus, our 30+ integrations connect you to critical data for more informed decision-making.

Automatically reconcile with your FCM. Get trades and marks in without touching the system. Report any way you want to using our connectors to Excel or your favorite BI tool. Or stream your Molecule data into your own private data lake, using our data-lake-as-a-service add-on, Bigbang.

And let your analysts get back to...analyzing.

FAST + FIXED FEE

What's worse than waiting for your position and P&L? Waiting on a neverending E/CTRM implementation that costs you more than you budgeted for. At Molecule, we pride ourselves on fast, fixed fee implementation with no ongoing or surprise charges.

Molecule's API endpoints also come in our all-inclusive package price, enabling always-on reporting. Plus, Molecule comes pre-loaded with just about every ICE and CME ticker and many OTC products (if we don't have your product, we'll set it up for you).

WE CAN HANDLE IT.

With 25,000+ physical and financial products traded, representing nearly \$100bn in value across 50 commodities daily, Molecule understands what you do - and what is most valuable to you.

TRADE TYPES

- Exchange Futures
- Exotics (via Assets)
- Financial Options
- Spot Deals
- OTCs
- Financial Swaps
- Physical Forwards
- Spot FX Conversions
- Formula-Priced Deals
- Physical Options
- PPAs
- Swaptions
- Bilateral Trades

FRONT OFFICE

- Physical and Financial Position Management
- Curve Management
- Trade/Delivery Integrations - CME, ICE, ISOs, Trayport, and more
- Contract Management
- Credit Tracking
- Renewable PPA Management
- Trade Capture (Physical, Financial, Exchange)

BACK OFFICE

- Top-Day Reconciliation of positions, prices, fees to FCMs
- Counterparty Management
- Fund Allocations
- Portfolio-level Reconciliation to FCMs
- Confirms Generation
- GL Connectivity with SAP, NetSuite, Sage, QuickBooks, MS Dynamics
- 15+ FCM Integrations
- Invoice Generation

TRADE MANAGEMENT

- Automatic Fee Lookup
- Trade Cloning
- Natural Language Processing-based Entry
- Automatic Custom Field Lookup
- Lifecycle Management
- API-based Entry
- Trade Grouping
- Manual Trade Entry
- Market Data Integrations - CME, ICE, Nodal, Morningstar, and more
- Interbook Transfers
- Spreadsheet Upload

VALUATIONS + POSITIONS

- Automated P&L Calculations
- UOM Conversions
- Inventory Valuation
- Multiple Option Models (including Black-76, Turnbull-Wakeman)
- FX Conversions
- Custom Models by request
- Option Greeks Calculations
- Balmo Calculations (aka Decay), Priced/Unpriced Calculations, Stepwise
- Integration with cQuant.io
- Volatility Implication
- VaR (Monte Carlo, Delta-Gamma)
- YTD/QTD/MTD Calculations
- Strike Interpolation
- Component VaR (Book, Counterparty)
- Hourly Date-of-Flow Granularity
- Volatility Surface Generation
- VaR Backtest

ADVANCED RISK MANAGEMENT FEATURES

- Custom Fields (on most objects)
- Legal Agreement Management (ISDA, NAESB, etc)
- Automated Exposure Calculations (for bilateral and exchange trades)
- SQL and Python-based Custom Reporting
- Actualization
- Automated Risk Limit testing
- P&Sing (with select FCMs)
- Counterparty Risk-Adjusted P&L
- Preset Sensitivity Calculations
- Trade Matching
- Physical Inventory Management (with deliveries, aka tickets)
- Private Data Lake for Advanced Analytics
- Asset Management (for Forecasts, Custom Models, Actualization)
- Renewable Credit/Offset Management

