

Fusion ETRM for North American Natural Gas

Managing Complexity. Enhancing Profitability. Delivering Sustainable Growth.

Why Leading Natural Gas Traders Choose Fusion ETRM

The North American natural gas market is among the most liquid & dynamic in the world. With highly competitive & volatile market, with complex pipeline logistics, storage optimization, regulatory requirements, & evolving carbon mandates, natural gas trading demands a robust, real-time data-driven solution. Fusion ETRM by Fendahl is designed to manage the full lifecycle of natural gas trades from wellhead to end-user optimizing profitability, minimizing operational risk, and ensuring compliance across all trading activities.

A smarter way to manage gas—from production to delivery—financially, physically, and sustainably.

Ten Reasons Natural Gas Traders Choose Fusion CTRM:

- **Full Pricing Flexibility** – Supports physical and financial straight through process across all exchanges supporting simple and complex pricing formulas providing real-time positions and M2M valuation.
- **Comprehensive Cost & Invoicing Control** – Automate settlements for transport contracts through the actuals process, tracking and settling imbalance across different contracts down to the penny.
- **Pipeline & Storage Management** – Track nominations, imbalances, storage, park and loan and capacity optimization in real time.
- **Robust Risk & Hedge Management** – Manage exposure with futures, options, swaps, and physical positions, supported by VaR, stress testing, and scenario analysis.
- **Settlements and Accounting** – Cash management, sales and purchase settlements, pre-payment and PPAs. Insight into every dollar spent and received.
- **Credit Management** – Supports both credit and transactional limits on counterparty, trader, commodity, Strategy and location with real-time notification of breach.
- **Integration Capabilities** – Fusion functionalities can be invoked with APIs and can be integrated with third party applications for receiving or sending data through API interfaces.
- **Reporting and Visual Dashboards** – Supports trade lifecycle & position reports, risk and compliance reports, logistics and inventory reports, back office and accounting reports, profitability and attribution reports, operational efficiency reports & sustainability certifications (RSPO, ISCC) and streamline CBAM, CSRD, MiFID II, EMIR reporting.
- **Printable Forms** – Supports printing of documents like confirmations, recaps, invoices & quality in various formats like word, PDF or HTML on user's own template.
- **Modern Design & Usability** – System is built on a modern technology platform. By leveraging the capabilities that the modern technology has to offer, Fusion renders a rich experience to its users.

What Fusion Delivers at Every Step of the Natural Gas Trade Lifecycle



Market Analysis & Pre-Trade Tools

- Executive Reporting provides historical, seasonal, and benchmark-linked pricing insights.
- What-If Analysis simulates market conditions to test trade strategies and quantify exposure.

Trade Execution & Pricing Flexibility

- Supports spot, forward, futures, and options trading.
- Capture trades via manual input, Excel, API, or OCR automation.
- Enables both inter- and intra-company transactions.
- Configure complex pricing models across contracts—fixed, index-based, differential spreads, and component-triggered pricing.
- Trade confirmations with versioning of each edit.

Risk Management, Hedging & Credit Controls

- Execute hedge strategies across physical and financial exposures with granular control.
- Perform VaR (Monte Carlo, Historical, Parametric), stress testing, and scenario planning.
- Dynamic dashboards visualize real-time P&L, positions, and exposures.
- Onboard counterparties with configurable KYC workflows and approval hierarchies.
- Monitor credit limits by counterparty, region, or portfolio—with automated blocking triggers.

Logistics, Custody & Inventory Management

- Manage shipments via vessel, barge, rail, truck, or container.
- Monitor open deliveries, stock positions, and warehouse receipts.
- Processing module supports crushing, refining, blending, and fractionation with yield and cost calculation.
- Supports inventory valuation by FIFO, LIFO, WACOG, and allocation-based methods.
- B2B, Washout, Circle and String type transfers.
- Both Spot and Time Charter type vessel management.
- Rack Management.



Finance, Invoicing & ERP Integration

- Model secondary costs (refining, storage, freight, inspection, demurrage) with FX and tax automation.
- Batch invoice generation with workflows for prepayments, provisional, and final invoicing.

ESG, Quality & Regulatory Compliance

- Track key quality metrics (FFA, moisture, color, odor, impurities) with automated penalties.
- Support sustainability certifications: RSPO, ISCC, RED II compliance, carbon intensity tracking.
- Generate MiFID II, EMIR, REMIT reports with audit trails and ARM integration.



Integration Capabilities

- Supports STP with prebuilt adaptors with exchanges like ICE, CME, TT and SGX etc.
- Supports integration with operation and vessel management tools like IMOS, INTRA, DTN etc.
- Integrates with SAP, Oracle, Microsoft Dynamics 365, QuickBooks, Xero, and Odoo via API/file exchange.
- Supports integration with price providers like Bloomberg, Reuters, Platts, Argus, Zema etc.
- Supports integration with brokers like StoneX, Marex.

Security and Audit

- Supports SSO and MFA based logins.
- ISO 270001 and SOC1 Type 2 certified.
- Single Tenant environments for each customer.
- System supports role-based user logins with customizable stage and status-based access rights, complemented by data security that enforce granular protection by commodity, trader, location, and internal company boundaries.
- System provides comprehensive audit support at the object level, ensuring that every modification, access, and workflow transition is traceable across contracts, trades, logistics, and financial records.

Reporting and Visual Dashboards

- Supports dynamic reporting and interactive visual dashboards, enabling users to analyze trade performance, operational metrics, and financial outcomes through customizable views and real-time data insights.
- Supports drag and drop reporting with report schedule option.
- Supports dynamic visual dashboards with drilldown capabilities.
- Support export of reports in Excel and Pdf formats.

Fusion ETRM: The Complete Natural Gas Trading Platform

- **Built for Commodity Complexity**
Designed specifically for edible oils—from palm and soybean to sunflower and rapeseed—supporting global trade flows.
- **Trusted by Global Trading Leaders**
Used by edible oil and agri-trading firms across major hubs, supporting multi-commodity portfolios.
- **Ready for ESG & Compliance Demands**
Built-in modules for sustainability certification tracking, carbon reporting, and regulatory compliance.
- **Connected to Your Tech Stack**
Integrates seamlessly with ERP, accounting, and logistics systems for end-to-end visibility.
- **Designed for Today. Ready for Tomorrow.**
Flexible deployment models (SaaS, hosted, on-premises) ensure future-proof investment.



Let's Talk.

Visit www.fendahl.com or contact us to schedule a personalized demo.