

Fusion CTRM for Precious Metals Trading

Managing Complexity. Enhancing Profitability. Delivering Sustainable Growth.

Why Leading Precious Metal Traders Choose Fusion CTRM

The precious metals market is highly specialized and tightly regulated. Price volatility, ESG scrutiny, and increasing compliance obligations require robust systems to manage risk and deliver transparency. Fusion CTRM by Fendahl offers a purpose-built solution for precious metals trading—optimizing profitability, ensuring full traceability, and enabling regulatory compliance across global operations.

A smarter way to manage precious metals—from mine to market—financially, physically, and securely.

Ten Reasons Precious Metal Traders Choose Fusion CTRM:

- **Full Pricing Flexibility** – Supports spot, forward, swaps, leasing, and lending across gold, silver, platinum, palladium, and rhodium.
- **Comprehensive Cost & Invoicing Control** – Automate billing for refining, storage, custody, financing, and multi-currency settlement.
- **Quality & Specification Tracking** – Track bar/coin specifications, purity, weight, and LBMA/COMEX certifications.
- **Robust Risk & Hedge Management** – Manage complex hedge portfolios (FX, futures, options, forwards, leases) with VaR, stress testing, and scenario analysis.
- **Workflow Management** – Supports a complete workflow management of trade, invoice, operations and counterparty onboarding with multi-level approvals with real time notifications.
- **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 & Enable chain-of-custody, AML/KYC, and reporting under Basel III, MiFID II, EMIR, and OECD due diligence.
- **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 Precious Metals Trade Lifecycle



Market Analysis & Pre-Trade Tools

- Executive Reporting delivers historical and real-time pricing benchmarks (LBMA, COMEX, SHFE).
- What-If Analysis simulates market scenarios, interest rates, and FX volatility on portfolio exposures.

Trade Execution & Pricing Flexibility

- Supports physical bullion, forwards, futures, options, leases, swaps, and unallocated accounts.
- Capture trades via manual entry, Excel, API, or automated feeds from exchanges and market data providers.
- Configure pricing across spot, fixing-based, and formula-linked contracts.
- Manage intra- and inter-company transactions with configurable approval workflows.
- Manage TC/RC, content-based pricing.
- Manage tolling and storage contracts.
- Supports currency (Fx) as physical trading XAU, XAG etc.

Risk Management, Hedging & Credit Controls

- Run hedge strategies across bullion and derivative portfolios.
- Perform VaR (Monte Carlo, Historical, Parametric), stress testing, and sensitivity analysis.
- Real-time dashboards show P&L, position, and credit exposure by instrument, counterparty, or portfolio.
- Onboard counterparties with configurable AML/KYC workflows and sanction list screening.
- Monitor collateral, credit lines, and margin requirements with automated triggers.

Logistics, Custody & Inventory Management

- Manage custody flows: allocated/unallocated accounts, vaulting, bar transfers.
- Track holdings across vaults, refineries, and custodians with full audit trails.
- Support inventory valuation by FIFO, LIFO, WACOG, or fair market value.
- Manage consignment, leasing, and financing agreements linked to physical inventory.
- Vault and pool management,

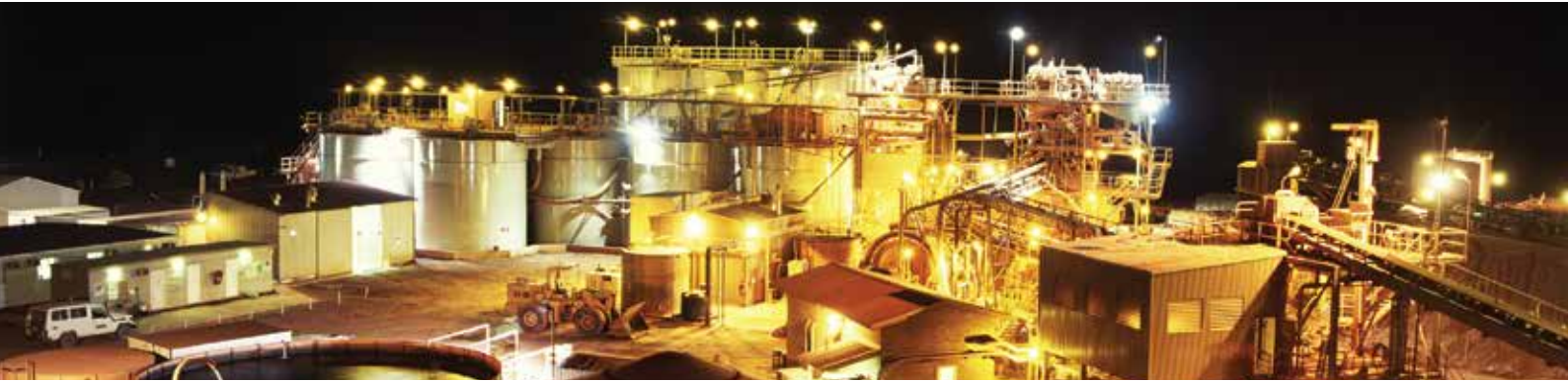


Finance, Invoicing & ERP Integration

- Model secondary costs: refining, storage, custody, transport, insurance, financing.
- Automate invoicing workflows: provisional, final, interest accrual, lease settlements.
- Seamlessly integrate with ERP/finance systems (SAP, Oracle, Dynamics, QuickBooks, Xero, Odoo).

ESG, Quality & Regulatory Compliance

- Track purity, assay results, and certification (LBMA Good Delivery, COMEX standards).
- Manage ESG compliance: OECD Responsible Gold Guidance, LBMA Responsible Sourcing, carbon reporting.
- Automate reporting for Basel III NSFR, MiFID II, EMIR, REMIT, and anti-money laundering directives.



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

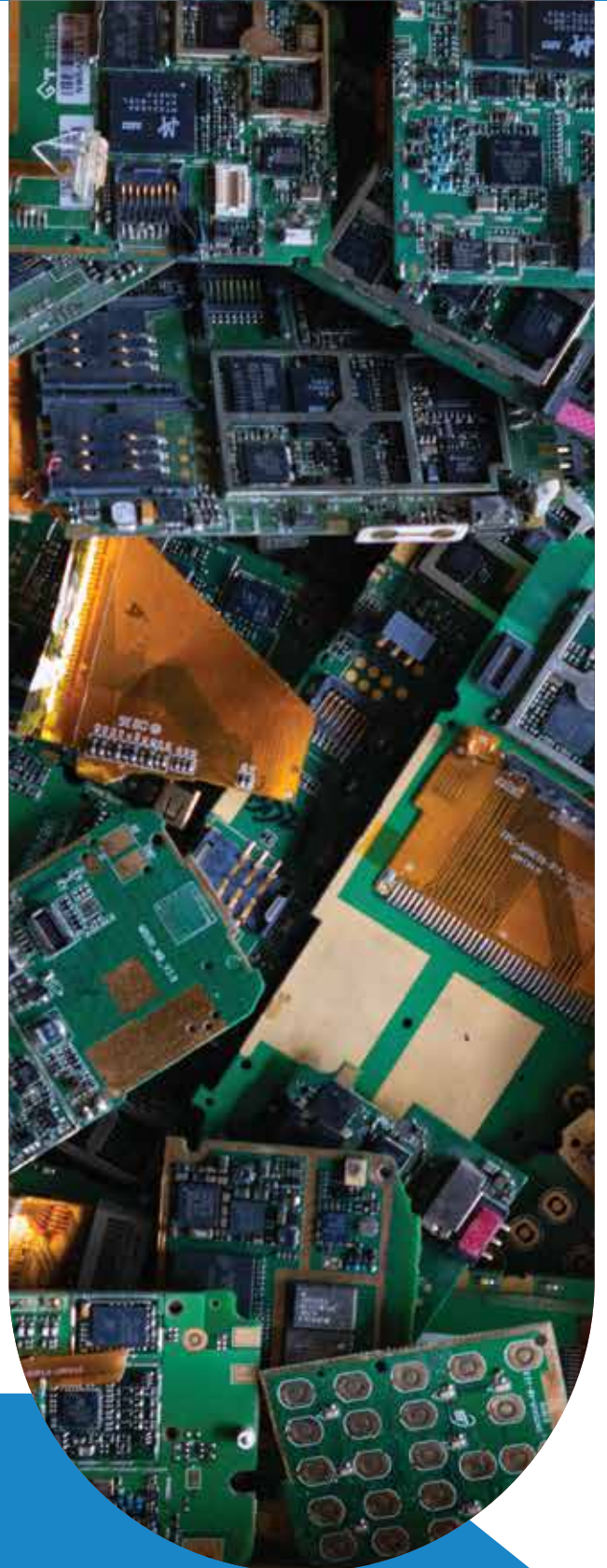
- Supports SSO and MFA based logins.
- ISO 270001 and SOC1 Type 2 certified.
- Single Tenant environments for each customer.
- System supports role-based user logins with customizable stage and status-based access rights, complemented by data security that enforce granular protection by commodity, trader, 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.
- Supports sample reports like Quotational Period (QP) Exposure Report, Metal Balancing & Free Metal Report, Vault & Custody Inventory Report, Refinery Yield & Cost Report.
- Support export of reports in Excel and Pdf formats.

Fusion CTRM: The Complete Precious Metals Trading Platform

- **Built for Commodity Complexity**
Purpose-built to support the full value chain of precious metals—from mine supply and refining to vaulting, trading, and financing.
- **Trusted by Global Trading Leaders**
Used by major refiners, traders, and bullion banks worldwide for complex multi-metal operations.
- **Ready for ESG & Compliance Demands**
Modules for AML/KYC, chain-of-custody, and sustainability reporting ensure global compliance.
- **Connected to Your Tech Stack**
Seamlessly integrates with ERP, treasury, and vaulting systems for real-time visibility.
- **Designed for Today. Ready for Tomorrow.**
Flexible deployment options (SaaS, hosted, on-premises) support scalability and regulatory adaptation.



Let's Talk Precious Metals.

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