

## NEXT GENERATION CTRM SOFTWARE

CLOUD NATIVE | MODULAR | OUT-OF-THE-BOX | COST EFFECTIVE

CTRM AS A SERVICE



CTRMCloud™ is a commodity trading and risk management platform, designed to meet ever-changing market needs and nuances. Fully cloud native, CTRMCloud provides best-of-breed functionality on a single, integrated platform for companies who are looking to modernize their trading and risk management infrastructures.

## WHO WE ARE

### CTRM AS A SERVICE

CTRMCloud delivers the benefits of a modern, cloud-native solution including rapid implementations, continuous product enhancements, scalability, security, and optimized user experience - all at a significantly lower TCO.

#### CONSOLIDATES ALL TRADING NEEDS:

- Commodity trading
- Procurement
- Risk management
- Regulatory compliance
- Settlements
- Decision support



#### FOR ALL COMMODITIES:

- Power
- Natural Gas
- Crude Oil
- Oil Products
- NGL
- Coal
- LNG
- Biofuels
- Chemicals
- Agriculture
- Base Metals
- Precious Metals
- Concentrates
- Emissions

#### CTRMCloud SERVES:

- Commodity Traders
- Hedge funds
- Producers
- Refining & Marketing
- Manufacturers
- Co-operatives
- Financial Institutions
- Brokers
- Retail
- Utilities
- Commercial and Industrial
- Commodity Consumers
- Transportation & Distribution

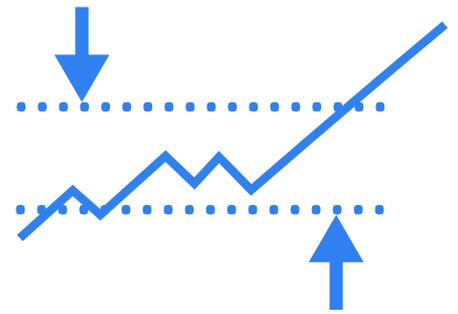
## WHAT WE RESOLVE

### UNPRECEDENTED VOLATILITY

Value chain participants who manage commodities have to navigate turbulent markets without compromising risk management.

Today's challenging environments demand complete transparency and control across the enterprise in a unified manner.

CTRMCloud's real-time platform consolidates balance sheets and transactions across the supply chain into one view, allowing you to keep a finger on the financial pulse of your organization.



### CHANGING REGULATORY LANDSCAPE

Meeting local and international regulatory conditions is an important part of a company's corporate governance initiatives and compliance. Market players in the commodities industry are faced with a complex set of documentation and reporting obligations.

Ensuring your trading operations are compliant with current regulations can be a significant business risk as well as a drain on your resources. CTRMCloud provides CTRM as a service, which continually gets enhanced to keep pace with changes in the markets. These enhancements are immediately available on the platform, leaving you and your teams to focus on business as usual.

### COMPLEX SUPPLY CHAINS

The increased demand in consumption across all commodity classes has led to a supply chain that is increasingly more complex and prone to disruption. As a result, commodity companies have become more integrated and have moved further into the supply chain.

CTRMCloud ensures efficiency and effectiveness throughout the commodity supply chain, enabling you to better manage budgets, protect profit margins and deliver the best customer loyalty.



### TRADING

CTRMCloud enables companies to manage the physical and financial trading of commodities with support for various contract types, delivery options, and pricing agreements. The platform provides comprehensive management of exchange traded, over-the-counter (OTC), foreign exchange (FX) trades as well as physical transactions.

CTRMCloud improves efficiencies in trade capture through deal entry templates and blotters, the ability to upload from spreadsheets as well as out-of-the-box connectivity with various trading venues. With CTRMCloud, companies can manage global trading operations including position, mark-to-market P&L, and risk across multiple commodities, capturing, measuring, and reporting transactions in real-time, providing a complete and transparent view of positions and exposures across the business.

### RISK MANAGEMENT

CTRMCloud help you monitor and manage price, operational, regulatory, and counterparty credit risk. CTRM Cloud provides real-time position and coverage visibility across physical and financial positions, identifying exposures and enabling timely decisions and actions.

Sophisticated analytical and visualization tools support scenario optimization, such as:

- VaR - Flexible, multidimensional simulations showing exposures to commodities, FX and other market factors
- Simulation Analysis - Understand the impact of changes to prices, fx rates, volatilities, correlations and interest rates on your positions, greeks and MTM P/L
- What-if trades - Enter trades and see their impact on your risk before deciding whether to abort or execute.

## PROCUREMENT

CTRMCloud supports procurement planning, coverage, variance analysis, analytics, and optimization. Suitable for both local and global sourcing and distribution, the software is used to protect margins, and manage volatility in commodity, energy, and raw materials.



## REGULATORY COMPLIANCE

CTRMCloud maintains an audit trail of all changes to the system. It provides security permissions to tightly control access to data.



## ACCOUNTING AND SETTLEMENTS

CTRMCloud allows companies to generate invoices, update payables and receivables, manage accruals, monitor cash flows, and post entries for P&L reconciliation.

The back-office is fully integrated and updated in real-time as trades and schedules are added and changed.

CTRMCloud seamlessly integrates with a number of widely used treasury and accounting systems.



## WHY CTRMCloud?

### OUT-OF-THE BOX SOFTWARE

CTRMCloud is an out-of-the-box solution which comes with a comprehensive set of reference data (commodities, locations, pricing indices, holiday calendars, etc.) eliminating the need for costly, time consuming, error-prone data collection, cleansing, migration.

This means that clients can begin trading in a matter of days to weeks as opposed to months to years.

### INTEGRATION CAPABILITIES AND STRAIGHT THROUGH PROCESSING

CTRMCloud fully integrates with other third-party applications, creating the ideal real-time solution for your business.

Extensive STP capabilities to external entities - including market exchanges, data providers and ERP solutions - automate the end-to-end transaction process, removing inefficiencies and risks of human error, protecting companies from inaccurate positions and risk exposures. The reduction in data errors, coupled with integrated processing, results in lower transaction costs and improved operational risk management.

### DYNAMIC REPORTING

To manage the complexity and volatility of the commodities industry, businesses need to improve their use and adoption of reporting and analytic capabilities to drive high-level business value.

CTRMCloud offers a configurable reporting layer, which allows users quick access to insightful analytics for optimized decision making processes.



## NEXT GENERATION CLOUD TECHNOLOGY

CTRMCloud's vision is to modernise commodity trading software using the latest advances in the software industry to build a brand new, cloud-native platform. CTRM as a service is scalable, enabling customers to go-to-market faster, eliminating costly, lengthy, and risky implementations, ensuring readiness to navigate challenging market conditions.

### CTRMCloud's TRUE CLOUD-NATIVE CTRM AS A SERVICE OFFERS:

- Clear and lower pricing structures
- Economies of scale
- Quicker and more cost-effective set up and solution delivery
- High Security
- Service assurance and faster updates
- Efficiency and flexibility
- High scalability



### CTRMCloud's CLOUD-NATIVE TECHNOLOGY DELIVERS ALL THE RICH BENEFITS MARKETS EXPECT FROM A SAAS SOLUTION:

- Flexibility and agility: Continuous system updates allow your business to keep abreast of changes in the market or your business without any disruptions to your operations
- Shorter time to value and lower TCO: The cloud native, multi-tenant service architecture drastically shortens implementation times and lowers operating costs, as well as enabling you to instantly scale up or down as your business requires it.
- Quick and easy integrations: data connectivity tools help customers easily integrate CTRMCloud with existing technology stacks
- Modularity: CTRMCloud's micro services-based architecture allows customers to use only the modules they need.



## ABOUT CTRMCloud™

CTRMCloud is transforming the commodity trading landscape by simplifying once-complex trading and risk management software.

By offering CTRM as a Service, CTRMCloud offers a pay-as-you-go model with a cloud-native solution that is quickly and efficiently deployed, equipping organizations with real time decision support and intraday reporting across the entire commodity value-chain.

CTRMCloud was established in 2016, with offices in San Francisco, New York, Chicago, Paris and London.

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