TRIPLE POINT COMMODITY BROCHURE

Commodity XL™
The Enterprise Solution

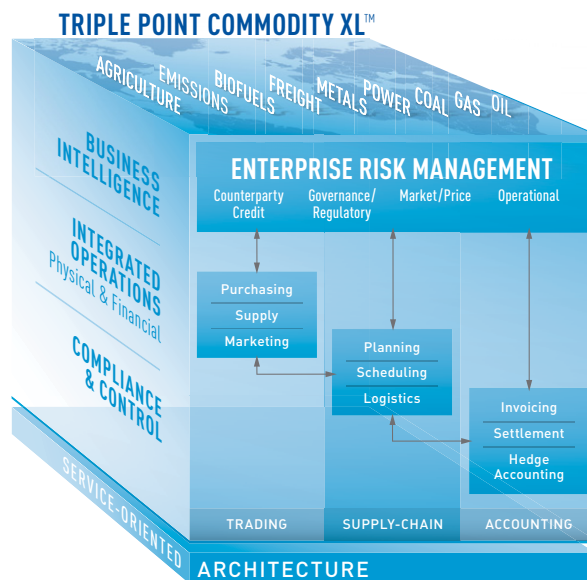*ENTERPRISE RISK MANAGEMENT / MULTI-COMMODITY PLATFORM / ADVANCED BUSINESS INTELLIGENCE*

Commodity XL™ Overview

COMMODITY XL — THE ENTERPRISE SOLUTION

Triple Point's flagship solution, Commodity XL™, is the leading multi-market commodity trading and enterprise risk management solution. It meets all requirements for supply, trading, marketing, procurement, logistics, freight operations, scheduling, risk management and accounting in today's volatile and complex environment:

- Manages the four key areas of exposure — market risk, operational risk, counterparty credit risk and regulatory risk

- Delivers a multi-commodity platform

- Provides advanced business intelligence for proactive decision-making

- Provides market-based supply chain solutions to profitably schedule and move energy and commodities

- Handles commercial vessel operations and freight risk management

- Supplies straight-through processing and integrates physical and financial operations

- Ensures compliance, control and auditability

- Delivers scalability with an advanced service oriented architecture (SOA)

The Commodity XL platform is built specifically for high-volume, complex transaction management organizations. Its component based architecture provides what you need today, with the ability to grow with you in the future.

COMMODITY XL — KEY CAPABILITIES

Commodity XL provides an enterprise view of risk for increased transparency and manages multiple commodities on an integrated platform. It delivers superior, real-time business intelligence for proactive decision-making and competitive advantage.

COMMODITY XL — CHIEF FUNCTIONALITY

Trading

- Integrate physical and financial trading
- Improve trading efficiencies with deal entry templates and blotters
- Use variable price models including fixed, index, formula and more

Risk Management

- Manage 4 key areas of enterprise risk: market, operational, counterparty credit and regulatory
- Measure market risk with VaR, sensitivity analysis and stress testing
- Analyze real-time position and exposure at overview and granular levels

Supply Chain

- Schedule and move power, natural gas, liquids, bulk and packaged goods
- Track inventory/storage, in-transit positions and costs
- Manage voyage estimating, cargo-to-vessel match, and freight risk management

Settlement and Accounting

- Track secondary costs including premiums, fees and transportation
- Produce provisional and final invoicing
- Automate electronic and fax trade confirmations

"Triple Point's acquisitions of ROME and INSSINC have afforded them, unlike any other ETRM software supplier, the ability to offer comprehensive and integrated support for market price risk, counterparty credit risk, operational risk and regulatory risk for commodity traders, both now and in the future."

—*Gary M. Vasey, Ph.D., General Manager, UtiliPoint Europe*

ENTERPRISE RISK MANAGEMENT

Commodity XL is the only enterprise solution capable of managing the four key areas of financial exposure indicated by the Committee of Chief Risk Officers (CCRO) on a single platform:

- Market Risk
- Operational Risk
- Counterparty Credit Risk
- Regulatory Risk

Market Risk

Commodity XL provides price risk management tools that are critical for effective and efficient trading, sourcing and hedging of commodities in volatile markets.

Commodity XL provides analysis models and tools to measure market risk including Value-at-Risk (VaR), "what-if" scenarios, portfolio stress testing and sensitivity analysis.

Commodity XL helps companies gain business intelligence for superior decision making and proper oversight, in addition to precisely managing and mitigating risk, and measuring and evaluating performance.

All counterparty credit and regulatory risk modules are available as stand-alone solutions or pre-integrated with trading and risk.
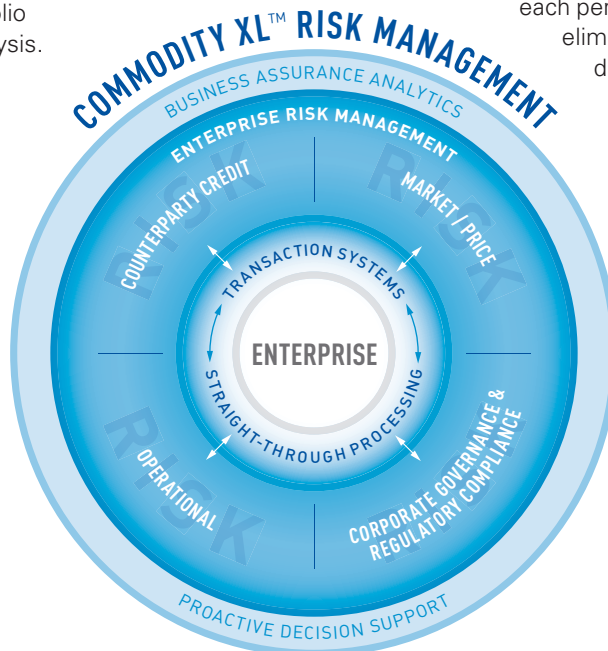
Operational Risk

Commodity XL provides the infrastructure and tools to effectively manage operational risk including front office controls, straight-through processing and integrated logistics.
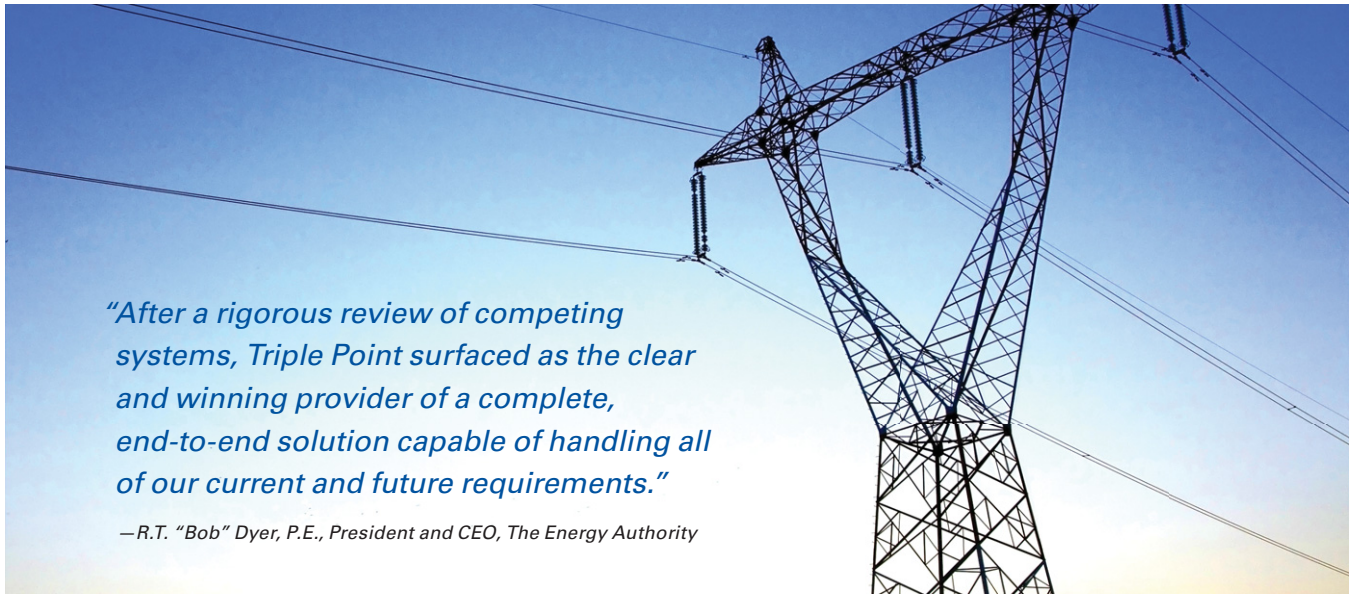
Commodity XL sets trade and counterparty limits and uses them to report appropriate exposure and send real-time alerts when limits are approached or broken.

Commodity XL is a straight-through processing system which eliminates the human error associated with rekeying data. Additionally, delays in data reaching each person in the transaction chain are eliminated, resulting in faster decision-making.

Commodity XL integrates scheduling and logistics with trading and accounting on a real-time basis. This transparency enables the movement of commodities to be more effective and efficient.

True enterprise risk management on an integrated platform.

Counterparty Credit Risk

Commodity XL for Credit Risk™ provides a real-time, comprehensive credit solution for efficient and accurate credit analysis and decisions. It measures current and future exposure using contractually current, accurate and legally enforceable information providing the foresight to predict and prevent future credit events. Additionally, Commodity XL for Credit Risk proactively measures, monitors and mitigates the risk arising from counterparty default, optimizes the use of collateral and addresses the entire credit risk process with a full range of analysis tools.

Commodity XL for Credit Risk allows you to do more with less and delivers the information to make risk adjusted decisions, utilize best practice methods for reducing credit risk exposure and improve capital efficiency.

Regulatory Risk

Hedge Accounting

Commodity XL for Hedge Accounting™ supports a comprehensive risk management program that enables firms to balance optimal economic benefit, risk management and stable financial statements.

Commodity XL for Hedge Accounting manages all requirements under hedge accounting regulations including detailed testing, documentation and reporting that must be performed to qualify for hedge accounting status. It ensures full compliance with ASC 815 (FAS 133), IAS 39 and similar national hedge accounting regulations.

Commodity XL for Hedge Accounting includes modules for ASC 815 (FAS 133/161), IAS 39, CICA 3865, AASB 139 and SAS 133.

ASC 815 (FAS 161)

Commodity XL for FAS 161™ is a complete solution to identify and report enhanced fair value disclosures for derivative instruments and hedging activity. The solution allows firms to greatly reduce the time and cost required to achieve compliance with ASC 815 (FAS 161). Commodity XL for FAS 161 provides a summary of derivative instruments in terms of underlying risk and accounting designation and produces tabular fair value accounting reports.

Fair Value Disclosure

Commodity XL for Fair Value Disclosure™ is a comprehensive module for ASC 820 (FAS 157) and IFRS 7 compliance. It provides the tools and framework to define, measure and manage fair value levels and meet all disclosure requirements. Commodity XL for Fair Value Disclosure ensures the proper checks and balances, consistency of methods and auditability in the assignment of levels and the disclosure of "mark-to-model" assumptions and valuations.

Commodity XL for Fair Value Disclosure includes modules for ASC 820 (FAS 157) and IFRS 7.

MULTI-COMMODITY PLATFORM

Commodity XL manages multiple commodities including —agriculture, emissions, biofuels, freight, metals, power, coal, gas and oil—on a single, integrated platform. Each module is designed to support the particular requirements of that commodity class and encompasses global and regional requirements.

COMMODITY XL—THE ENTERPRISE SOLUTION'S KEY DIFFERENTIATORS

Enterprise Risk Management
Commodity XL is uniquely positioned to manage the key areas of exposure — market risk, operational risk, counterparty credit risk and regulatory risk — on a single, tightly integrated platform.

Multi-Commodity Platform
Commodity XL was designed from the start to be commodity agnostic. It is a real-time, multi-commodity platform for commodities including agriculture, emissions, biofuels, freight, metals, power, coal, gas and oil.

Business Intelligence
Commodity XL delivers advanced business intelligence for proactive decision-making in a market where every second counts. Key tools include Management Dashboard™, dynamic reporting and modeling, and P/L attribution.

Straight-Through Processing
Commodity XL extends STP capabilities to external entities and counterparties, eliminating data re-entry and human error for improved operational risk management. STP enables proactive decision-making and lower transaction costs.

Compliance and Control
Commodity XL provides one version of the 'numbers' across divisions, products and geographies and documents every change to the system for audit purposes.

Freight and Commodity Management
Commodity XL is the only solution that manages commercial vessel operations and commodity management on a common platform to better manage enterprise exposure.

Architecture
Commodity XL's next-generation platform is built on Triple Point's n-tiered, Java EE compliant, Web-enabled, highly flexible and scalable technology architecture.

ADVANCED BUSINESS INTELLIGENCE

Commodity XL delivers business intelligence for proactive decision-making and streamlines operations, turning day-to-day operations into better business results.

"The C-suite and the board increasingly want access to hard data that shows them what's actually happening in the trenches."

—*John Sodergreen, Editor, The Desk*

Management Dashboard

Commodity XL Management Dashboard™ is a revolutionary business intelligence module that helps the C-suite quickly measure business against key performance indicators (KPIs) and provides strategic decision support for improved bottom-line results.

View enterprise-wide KPIs on a single screen for superior executive decision-making.
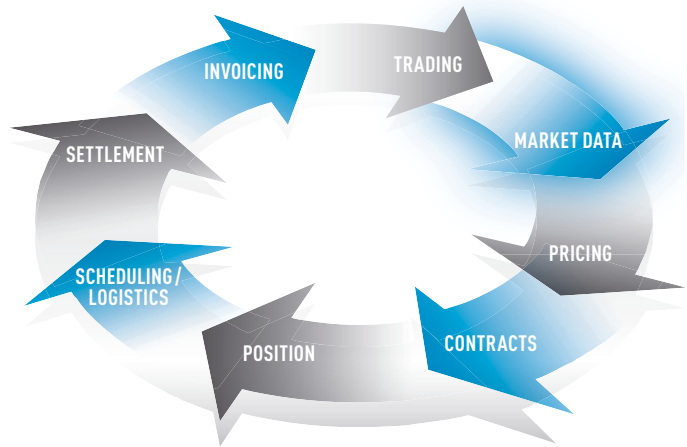
Dynamic Reporting

Every Commodity XL screen including Trade Manager, Position Manager, Cash Flow Manager and Scheduling Manager is a query tool with sort, group, customizable columns and real-time updates. Drill down or across to the lowest level of detail or roll up to view data in aggregation:

- Utilize each Commodity XL screen as a configurable real-time report

- Export all data to Excel or PDF with a single click

- Build a Report Library by saving Criteria and Layouts to personal or global directories

Analysis

Commodity XL provides analysis models at multiple points in the life cycle of a transaction including P&L Attribution, Value-at-Risk (VaR) reporting, "what-if" scenarios, portfolio stress testing and sensitivity analysis.
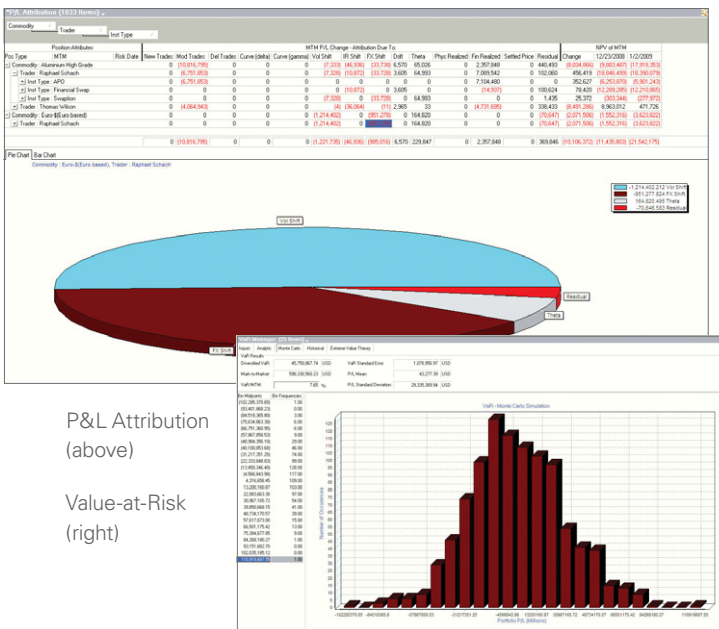

P&L Attribution (above)

Value-at-Risk (right)

Straight-through processing from deal to cash.

STRAIGHT-THROUGH PROCESSING AND INTEGRATED OPERATIONS

Commodity XL was built around the operational benefits of straight-through processing (STP) from the front to the middle and back office. Commodity XL has also extended its STP capabilities to external entities including market exchanges, data providers, and partners such as SAP. Most recently, the enterprise platform has extended STP to counterparties with an automated solution for electronic confirmation management, connecting energy traders with suppliers and customers from trade execution to cash settlement.

Automating the end-to-end transaction process removes inefficiencies and human error and enables companies to ward off potentially disastrous consequences of inaccurate position and exposure management feeding into risk management decisions.

Additionally, delays in data reaching each person in the transaction chain are eliminated, resulting in faster decision-making in markets where every second counts. The reduction in data errors, coupled with integrated processing, results in lower transaction costs and improved operational risk management.

"In addition to the solution having best-of-breed functional components from both SAP and Triple Point, the integration effort, cost and ownership, both now and in the future, is moved from CITGO to SAP and Triple Point — so we have a much lower risk and life cycle cost."

—Gina Coon, Manager, IT Applications Hydrocarbons Supply Chain, CITGO Petroleum Corporation

SUPPLY CHAIN MANAGEMENT

Commodity XL's sophisticated systems enable organizations to look across alternative deals including: sourcing alternatives, associated transport outlays, and plant operation costs to determine the best transaction. Commodity XL provides simulation capability to model various scenarios along with real-time business intelligence to support decision making. All associated costs including raw materials, freight, packaging, emissions, FX, basis, fuel for plant operations, and secondary costs such as broker fees, insurance, and port fees are included in the analysis in order to manage a real-time commodity "source-to-cash" supply chain.

Commodity XL's advanced solutions for scheduling, logistics, and commercial vessel operations manage the unique operational requirements of power, natural gas, liquids, bulk, and packaged energy and commodities. These solutions supply real-time information to traders, schedulers, risk managers, and administrators to successfully manage commodity and freight volatility — from source to cash — and ultimately ensure a profitable supply chain.

Triple Point also connects energy and commodity companies with cargo inspectors to provide the automation, standardization, and business intelligence required to effectively identify cargo loss claims; reduce off-spec cargos; speed deal settlement; and drive better inspection performance for bulk commodities.

COMPLIANCE AND CONTROL

Commodity XL provides one version of the "numbers" across divisions, products and geographies. All documents are stored automatically for audit purposes, and all reports required by regulators are generated. Every change to the system is captured and documented for a detailed audit trail to ensure accountability for SOX, ASC 815 (FAS 133/FAS 161), IAS 39, CICA 3865, AASB 139, SAS 133, ASC 820 (FAS 157), IFRS 7 and S&P risk management requirements.

For each change made to the system, Commodity XL tracks who, what and when. Audit trails can be viewed on-line through "query tools" or pre-defined reports can be automatically generated. The data and reports generated by the end-of-day processes are time-stamped, designate P/L in various states and identify the curves used to generate P/L. As a result, users can look back historically to validate what mark-to-market resulted in a given day's P/L.

"As an SAP customer, the SAP-endorsed Commodity Management solution by Triple Point Technology is truly unique and the only one that makes sense for our business. It has all the functionality we require, moves the integration risk from Engen to the partnership and is the lowest cost alternative."
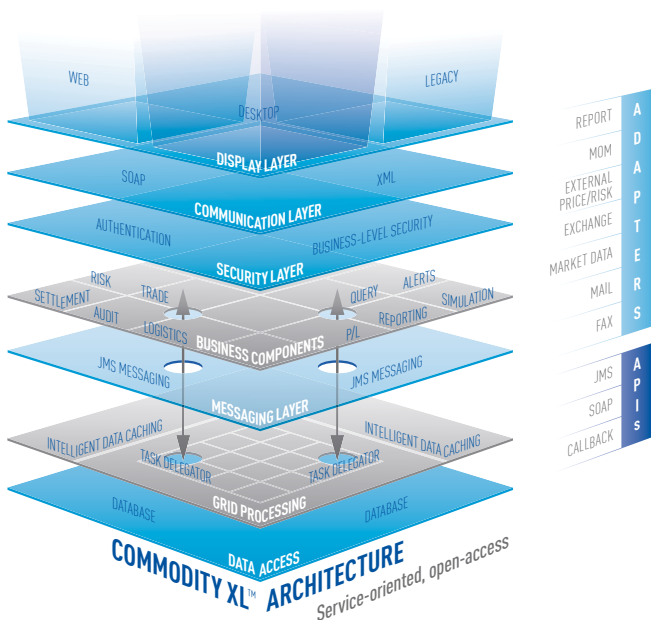
— Peter du Plooy, CIO, Engen Petroleum

ARCHITECTURE

The sophisticated, next-generation Commodity XL platform is built on Triple Point's n-tiered, Java EE compliant, Web-enabled, highly flexible and scalable technology architecture. It offers super-fast processing that allows real-time valuation and position reporting for large transaction volumes.

From small trading desks to the world's largest multi-commodity trading companies, Triple Point delivers the right solution — in record time.

The Commodity XL platform provides concurrency across hundreds of users, Internet deployability, customizable desktops and reporting and open access via platform independence and native XML messaging. It quickly integrates with any operating system, application server, middleware or database.

COMMODITY XL™ ARCHITECTURE
Service-oriented, open-access

TRIPLE POINT DELIVERS BEST-IN-CLASS SERVICE

Strategic Partnerships

Triple Point has and will continue to develop strategic partnerships with technology firms, system integrators and complementary solution partners to deliver the utmost value and leading solutions to our customers.

SAP-Endorsed Partner

Triple Point's commodity and energy trading and risk application is an SAP-endorsed business solution. While there are thousands of solutions available that have achieved Powered by SAP Netweaver® status, Triple Point Commodity SL™ is 1 of only 22 SAP-endorsed business solutions worldwide. Additionally, it is the only solution endorsed by SAP in the commodity trading and risk management area.

Triple Point and SAP have invested over 46,000 hours in joint development. Integration risk and cost, both current and future, is moved from the customer to SAP and Triple Point. No other vendor can make that statement.

Market leaders that have selected the SAP and Triple Point co-developed solution include Evonik (coal and emissions), Engen Petroleum (oil), Unilever (agriculture) and CITGO (oil).

Triple Point Quick Start™ Program

At Triple Point, we know that time is money — so we established our Quick Start™ program to get you up and running fast. Since introducing the Quick Start program, many clients have achieved full production in less than four months.

Proven Track Record

No one knows more about the commodities trading industry, better understands your needs, or possesses more experience than Triple Point. Triple Point has an unbroken record of successful implementations, and clients appreciate the knowledge and enthusiasm that Triple Point professionals bring to the process. From installation to ongoing support, you can count on Triple Point to deliver.

ABOUT TRIPLE POINT TECHNOLOGY, INC.

Triple Point Technology® is the leading global provider of cloud and on-premise Commodity Management software that delivers advanced analytics to optimize end-to-end commodity and energy value chains. The company provides real-time, innovative solutions to competitively address the complex and volatile commodities supply chain: buying, selling, trading, and procurement; enterprise risk management; scheduling and logistics; storage; processing; and settlement and accounting.

Triple Point's Commodity Management platform enables over 400 customers in 35+ countries to profitably manage exposure to energy and raw materials across industries, including energy, metals, minerals, agriculture, transportation, shipping, consumer products (CP), industrial manufacturers, and big box retailers. Triple Point was named a "Leader" in Gartner's ETRM Magic Quadrant for its completeness of vision and ability to execute in 2009, 2010, 2011, and 2012. Founded in 1993, the company employs over 800 staff in 14 offices and support centers around the globe. www.tpt.com.

How to Get Started

To learn how Triple Point's Commodity XL software solutions can benefit your supply, marketing, procurement, hedging or trading activities, please email us at info@tpt.com, or visit us on the Web at www.tpt.com.

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T E C H N O L O G Y

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