



enTrader

flexibility and control

overview

Contigo's flagship enTrader energy trading and risk management system was designed from the ground up to provide a competitive edge in today's complex energy markets. With an emphasis on ease-of-use, ease-of-implementation and cost effectiveness, enTrader delivers the information and functionality needed across all trading business functions. enTrader provides a powerful and highly flexible solution to managing today's complex and changing trading environments.

multi commodity trading

With enTrader, you avoid the need for disparate solutions for each traded commodity. Disjointed systems lead to disjointed management information, and in a fast-paced trading environment, this can increase the market risk. enTrader is designed to handle multiple commodities in multiple markets using multiple currencies.

enTrader's powerful deal capture process is designed around the concept of speed with accuracy. Each traded commodity is supplied with a pre-built set of product templates that match the products being traded on the market. enTrader's intelligent calendar module identifies the delivery schedule for the market product, reducing the opportunity for keying errors.

real time positions and alerts

enTrader allows real-time trading positions to be monitored based on a flexible set of trade criteria. Positions can be easily compared and analysed allowing risks and exposures to be quickly determined. User specific, threshold based, alert conditions can be defined to enable real-time system monitoring. Positions can include real-time market value based on either forward curves or real market prices.

customisation

enTrader provides a wide range of customisation features. Custom attributes can be added to all main entities in enTrader (books, counterparties, agreements etc). Trade workflow and state transitions can be defined for each commodity type allowing your business to adapt to changing market conditions and requirements without waiting for a software upgrade. Each user's desktop is individually customisable providing 'focused' access to the key data and functionality that they require.

dashboard and sidebar components

enTrader provides a suite of useful sidebar gadgets that provide 'quick access' to functions and information, such as calendars, messages and favourites. The system also provides a set of user-customisable dashboard reports that provide graphical and summarised status information on the system, trades, positions and KPI's.

forward price curves

enTrader allows multiple forward price curves to be maintained per commodity for use in real-time portfolio valuation and pricing scenario testing. Curves can be uploaded and maintained from Excel with the system maintaining a comprehensive audit history to allow historical and variance reporting.

master data

enTrader allows detailed Counterparty, Agreement and other master data to be held within the system. Counterparty contacts, addresses, contracts and bank accounts are all fully managed and flexible billing/payment structures can be defined. Multiple house/internal counterparties are supported to manage a range of scenarios.

Additionally, enTrader allows this Master Data to be sourced externally if required via a custom built provider or by using an ETL integration mechanism, such as Microsoft Biztalk

reporting

enTrader utilises Microsoft SQL Server Reporting services and Analysis Services for reporting. enTrader includes a base set of reports which can be extended by business users who can create and share new reports using enTrader's interactive report builder components. Users can configure any report for display on their personal dashboard home pages.



Contigo's reporting and integration product, enVision, provides a far wider set of reports and a full OLAP reporting, data mining and analytics capabilities.



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products and calendars

To provide an effective multi-commodity, multi-market capability, enTrader allows custom calendars to be defined and has a sophisticated product/instrument definition engine. Products can be defined based on delivery shape and window and can have fixed, relative or floating delivery windows. The majority of trades can be modelled as a product but enTrader also allows custom trades to be created. Product mapping allows products to be matched with those from external data providers to allow price and trade comparison.

integration capability

Most trading organisations operate a heterogeneous mix of applications and enTrader has been designed to easily fit into existing environments:

- Built with the latest Service Oriented Architecture (SOA) technology, all of enTrader's functionality is accessible via a SOA web service layer.
- Many functions within enTrader are supported by a provider-model architecture which allows external data sources such as Counterparty or Price data to be easily 'plugged in'.
- Flexible and configurable data publishing facilities are available, allowing timely data transfer to external systems such as Risk, Analytics etc
- enTrader supports various standard industry interfaces for electronic settlement and confirmation.

security and audit

enTrader provides a sophisticated security and audit mechanism and is fully Sarbanes-Oxley compliant. enTrader implements a fine-grained, configurable security mechanism to allow complete control over each user's capabilities. Audit history can be viewed directly from the application and is also available via a reporting interface.

additional modules

enTrader can be extended into a number of distinct areas for enterprises operating more than just market trading. A set of integrated modules are currently being built that greatly extend the capabilities of enTrader. The modules can be easily integrated into a suite or implemented individually:

- enTrader Payment provides back office settlement, confirmations, billing, invoicing, payment reconciliation
- enTrader Fuel adds physical fuel management, covering physical delivery, stock locations, energy (heat) consumption, chemical analysis & quality adjustments.
- enTrader Connect provides real-time capture and matching of trades dealt with brokers and exchanges via various electronic interfaces such as Trayport.

technical features

- enTrader is a 100% Web client ASP.Net 3.0 application
- Runs under IIS6/IIS7, utilising AJAX technology to provide a fast and extremely user-friendly interface
- SQL Server 2005 or Oracle 10g back end database
- SQL Server 2005 Reporting and Analysis Services
- BizTalk 2006 for process automation and orchestration
- Contigo Jazz Framework component architecture
- Full Service Oriented Architecture (SOA)
- Fully scalable architecture to handle high transactional and concurrency requirements
- On larger installations, enTrader supports load-balancing across multiple servers
- In a basic configuration, deployment to a single Windows 2003 server reduces hardware and licensing costs.

about contigo

The team at Contigo has many years of experience in designing, building, implementing and supporting large-scale, complex, integrated IT systems. We have worked in a number of market sectors - such as Energy, Finance and Logistics - and have in-depth knowledge of the latest Microsoft development tools, database technologies and Business Intelligence solutions.

Contigo is a Microsoft Certified Partner and many members of our team hold individual Microsoft Certified Professional qualifications.



further information

Video demonstrations of the enVoy and enTrader systems are available on our website - www.contigo.co.uk.

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