

Ventyx Intelligent Mining Solution **Ventyx MineMarket**



Ventyx MineMarket is the only solution specifically designed to address the supply chain challenges faced by the mining industry. The solution is one key component of the Ventyx Intelligent Mining Solution (IMS), the most comprehensive and effective suite of technical software for the mining industry.

The Industry Challenges

Eliminate reliance on spreadsheets

Within many mining organizations, the use of spreadsheets has grown to the extent that many islands of conflicting information exist. This can lead to time wasting disputes, incorrect decisions, errors and high development and maintenance costs.

Data from all points of the supply chain, through to details of contracts, invoices and payments, tend to be owned by individuals within the organization.

Consolidating this data and making it visible and accessible to all stakeholders in the organization is crucial to meeting the demands of complex contracts and managing sophisticated logistics.

Mining companies are also increasingly subject to both internal and external scrutiny. Sarbanes-Oxley and other regulations impose tight requirements to not only record the right data at the right time, but also be able to track and verify commercial data trails.

The Solution

From mine to market

Ventyx MineMarket can be used in conjunction with other business systems, integrates seamlessly with other Ventyx IMS products and provides sophisticated reporting and web service integration capabilities.

Covering the entire mineral supply chain and tracing product in discrete parts of the chain, from ore to customer, the solution minimizes delays in data collection, ensures the same data is visible across the organization and facilitates analysis, adjustment and reconciliation.

Providing access to real-time information on the entire supply chain, Ventyx MineMarket optimizes logistics and maximizes commercial outcomes by charting the impact of sales, generating what-if scenarios for quick reaction to changing market conditions, and optimizing sales position and returns.

Ventyx MineMarket functionality includes:

Inventory management and tracking

Product supply chain functionality allows users to track quality, quantity and contributors from 'in situ' to shipment and beyond. Full traceability includes tracking of both discrete and bulk units. It also provides facilities for production and demand planning along with port and stockyard management. Stockpiles can be managed via 3D modeling and facilities exist for optimized blending of stockpiles.

Transportation

Modeling and scheduling of trucks, ships, trains and

Ventyx MineMarket overviews the entire sales and marketing process and supply chain, providing easy access to comprehensive, accurate and up-to-date information.

barges is provided in the transportation modules of Ventyx MineMarket, including a range of detailed features such as complex traffic handling, equipment and transport delay management, and ship lineup.

Sales and marketing desk

The solution enables comprehensive management of complex contracts, including freight and service contracts, and product specifications. Other features include hedging, contract linking, settlement, umpiring and N-invoicing functionality.

Reporting

A range of reporting is provided including configurable dashboards, billboards and charting. Inventory, stockpile management and production reports are provided as well as complete audit reporting.

The Benefits

Increases supply chain visibility

Ventyx MineMarket replaces the need for disparate technical and commercial systems and provides stakeholders real time access to production, inventory, quality, planning, transport, shipping and contract information, as well as KPIs.

Enforces standardized business processes

Ventyx MineMarket enforces the standardization of business processes by providing common data collection mechanisms throughout the entire supply chain. These can be performed automatically or via predefined data entry forms, and improve consistency in meeting contractual requirements.

Improves control of production

The Blending and Planning modules provide the ability to consistently blend batches as well as visibility of stock shortages and quality problems well into the future. These tools give users the ability to efficiently plan sales, to react to changing market situations with flexibility and speed, and to consistently deliver to contract specifications.

Supports complex commercial planning and operations

Ventyx MineMarket automates and supports the marketing desk process and provides sophisticated tools to allow companies to compete efficiently in a global market. Integrated with production, accounting and finance systems, the solution supports product flow forecasts, projections, trading commitments, shipment planning, shipping, invoicing, assay exchange, cash flows and many other sales and marketing functions.

Enables regulatory compliance

Commercial workflow ensures that all generated data is traceable to, and complies with, the corresponding contractual arrangements and the system maintains complete audit details on every transaction.



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Ventyx, an ABB company, is the world's leading supplier of enterprise software and services for essential industries such as energy, mining, public infrastructure and transportation. Ventyx solutions bridge the gap between information technologies (IT) and operational technologies (OT), enabling clients to make faster, better-informed decisions in both daily operations and long-term planning strategies.

Some of the world's largest private and public enterprises rely on Ventyx solutions to minimize risk, enhance operational and financial performance, and execute the right strategies for the future.

To learn more about Ventyx solutions visit www.ventyx.com or contact a Ventyx sales representative today.