



Commodity brokers can grow revenues by deploying single dealer platforms utilizing materialx. Reach underserved markets, engage with new customers, and better serve existing customers without building new in-house systems.

materialx is the powerful and intuitive platform that enables your customers to engage in hedging of raw material price risks. By deploying materialx, you provide them the ability to evaluate, negotiate, execute, and track their hedging positions without requiring an expensive back office operation.

This state of the art platform is for forward thinking brokers that wish to engage with consumers and producers through a digital medium that increases participation, transparency, and traceability, all without the need to build new in-house systems.

Dashboard Inquiries Specifications Pending Contracts Activity and Reports Manufacturing Customer 1

6 Months Fixed Price Swap Contract
Starting on 08/01/2020
Material1
Current Price: 66.00 Cents / lb

Monthly Quantity: 1,000,000 lbs
Fixed Price per lb: 68.00 Cents
Settlement Type: Monthly

Save Swap Original specifications at 68.00 Cents 21 minutes ago
Valid for 11 hours and 5 minutes

Swap Details
Period: 08/01/2020 - 01/31/2021 Fixed Price per lb: 68.00 Cents
Total Quantity: 6,000,000 lbs Side: Payer of fixed price

Historical Pricing and Outcome Simulator for Swap Contract

Swap Details
Current Price: 66.00 Cents Settlement Price: 69.50 Cents
Fixed Price: 68.00 Cents Payment outcome: \$90,000.00
Total cost with contract: \$4,080,000.00 Total cost without contract: \$4,170,000.00

Enter a price for each month to calculate the average price during the contract period

Start Price	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
66.00	62.00	67.00	74.00	77.00	72.00	65.00

Disclosure: Displayed information represents hypothetical outcomes based on entered forecasted pricing. Please be aware that simulated or past results are not necessarily indicative of future performance and should be considered carefully. Trading in commodity interest markets can involve substantial risk. There is no guarantee trades will be profitable, protect against loss, or achieve the desired results. To learn more about these risks [click here](#).

Tip: You can revise the terms of these specifications Decline Submit Bid at revised specifications Submit Bid at 68.00 Cents

Intuitively simulate pricing scenarios and clearly visualize outcomes

The platform is configurable and can be customized to a broad range of requirements:

Commodities: materialx allows transactions in any commodities or raw materials.

Contract Types: The platform supports a variety of financially settled contracts, such as fixed price swaps or options. All contracts are presented with the same unparalleled clarity of outcomes under different pricing scenarios, and in easily understandable language.

Branding and White Labeling: The materialx platform can be offered under a white label, where brokers can define the branding of all user interfaces, messaging, and other value added services offered on the platform.

Compliance and Record Keeping: Brokers can adjust proposal terms, negotiation steps, and execution methods to fit business processes and communication protocols. materialx maintains strict record keeping of all negotiation steps for compliance purposes.

Integration with Existing Systems: Brokers can exchange data between the materialx platform and legacy control, risk, and back office systems via APIs that facilitate push / pull data in real time, or by configurable scheduled reports.

Broker Interactions: Brokers can complement existing delivery channels by deploying custom tailored platforms based on materialx technology that incorporate broker assistance, guidance, and relationship management tools.

materialx is a robust platform that addresses all technical aspects required for smooth deployment:

Cloud Based: Microservices based architecture on AWS designed for dynamic scaling and load balancing that can handle thousands of concurrent users.

Web Based: Access via a secure web based application. Built using modern web technologies, supported on all current browsers. No software installation is required.

Secure: User administration and logins managed using a designated authentication service that follows strict policies including two factor authentication. Platform data, including all personal information and transaction information, is encrypted both in transit and at rest.

Managed Service: materialx is offered as a managed service solution, allowing brokers to focus on generating more business opportunities, instead of worrying about software development, maintenance, lifecycle management or IT support.

The screenshot shows a web-based application interface for 'Browse Active and Settled Contracts'. At the top, there's a navigation bar with links for Dashboard, Inquiries, Specifications, Pending Contracts, Activity and Reports (which is the active tab), and Manufacturing Customer 1. Below the navigation is a search bar labeled 'Browse Active and Settled Contracts' with a magnifying glass icon. Underneath the search bar is a filter section with 'VIEWS: ALL' and checkboxes for 'Type' (Swap, PLim), 'State' (Active, Settled), and 'Sort By' (Start Date). The main area displays a grid of contracts for the years 2020 and 2021. Each contract row contains a small thumbnail image, the contract type, and a summary of the terms. Some rows have a blue border, indicating they are active contracts. A legend at the bottom left defines the symbols: a triangle for active contract and a circle for settled contract. A link 'Export a Report Based on Selection' is located at the bottom right.

Tracking of executed price risk hedging contracts is easily understandable with unprecedented transparency

Contact Net Alpha to learn how your organization can deploy the state of the art materialx platform to engage underserved markets and enhance the customer experience of your existing client base.



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Disclosures: Net Alpha Financial Systems, LLC ("Net Alpha") is a technology company which develops, owns, and supports software products and technologies used for financial trading purposes. Net Alpha is based in Birmingham, Michigan, and has a wholly owned R&D subsidiary in Israel. For more information, contact: info@n-alpha.com. Middlebelt Management, LLC ("Middlebelt") is a wholly owned subsidiary of Net Alpha that brokers bilateral OTC contracts. Middlebelt is registered with the Commodity Futures Trading Commission ("CFTC") as an Introducing Broker and is a member of the National Futures Association ("NFA"). If you are interested in obtaining additional information about Middlebelt or its services, please contact info@middlebeltmgmt.com. Please be advised that commodity interest trading involves substantial risk of loss and is not suitable for all investors. Investors should understand the risks involved in trading and carefully consider whether such trading risks are suitable in light of their financial circumstances, knowledge, and overall resources.