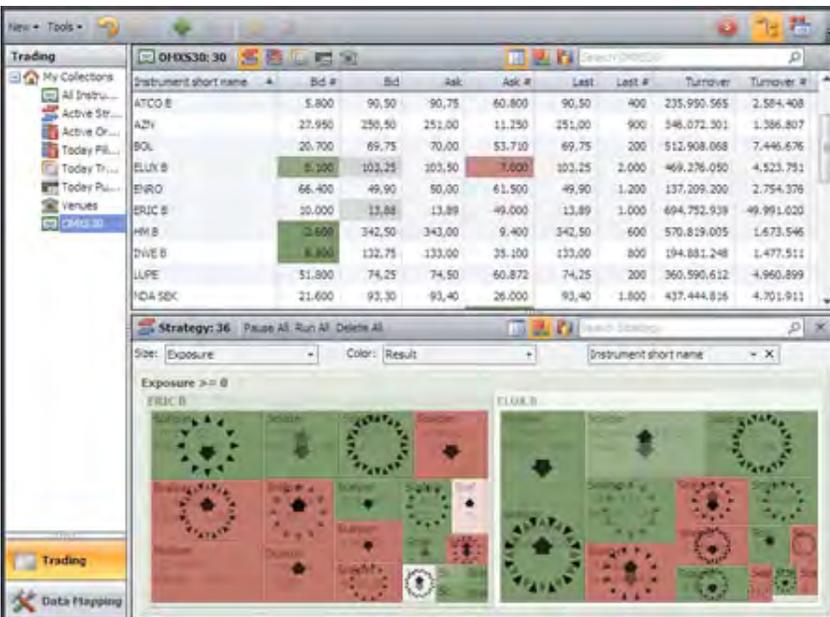# Tbricks Uses Visual Discovery to Create Unique Trading Solution for Capital Markets

ISVs face particular challenges when developing new products in today's highly competitive environment. They must be able to differentiate their products from their competitors' and also develop increasingly sophisticated products while still providing end users with systems that are simple enough to begin using effectively in a very short period of time. Time-to-market is also a factor in the launch of a new product — staying in front of the competition as well as being able to receive revenue to pay for development efforts is critical to success. This is especially true when it comes to trading solutions for Capital Markets.

Tbricks provides next-generation click-trading systems — delivering an open, solid and fast core platform complemented by a rich set of trading applications. To meet the demands of an ever changing, competitive landscape, Tbricks created an automated trading platform that incorporates an innovative and unique user interface that would provide professional users in the Capital Markets industry the power and control they need combined with critical visibility into the results of their activities in order to support high levels of productivity.

The Tbricks 'Genesis' system was designed specifically to support very high speed automated trading of any electronically traded asset class. Tbricks decided early on in the development phase that they wanted to incorporate a highly intuitive, interactive graphical user interface into the system. They selected Datawatch based on its proven success with large financial institutions and its ability to provide visualization tools in the form of a Software Development Kit (SDK). The solution combines a completely unique user interface that is easy for traders and managers to understand with the fastest performance available in the financial industry. Furthermore it is highly modular and allows institutions to implement an unlimited number of complex trading strategies and algorithms while maintaining extremely high performance.

CUSTOMER

Tbricks provides next-generation click-trading systems offering an open, solid and fast core platform complemented by a rich set of trading applications.

CHALLENGE

To meet the demands of an ever changing, competitive Capital Markets landscape, Tbricks needed to create a unique, sophisticated trading system that would provide end users with a system simple enough to begin using effectively in a very short period of time.

SOLUTION

Tbricks used Datawatch Panopticon to create an automated trading platform that incorporates an innovative and unique user interface that would provide professional users in the Capital Markets industry the power and control they need combined with visibility into the results of their activities in order to support high levels of productivity.

This is a view of the user interface for Tbricks Genesis. The top half of the screen displays numerical data about the financial instruments being traded. The bottom half of the screen is a treemap visualization of the trading strategies running using the instruments displayed on the top half of the screen. The size of each square indicates the firm's exposure. The color indicates results. The circular and arrow icons indicate real-time changes to the data.

USING VISUALIZATION FOR FAST ROI

Datawatch's state–of–the art visual discovery tools allowed Tbricks to bring to market an automated trading system user interface that was completely unique to the industry — in less than 90 days — providing a simple, easy–to–understand, yet comprehensive way to view market activity and strategies.

Jonas Hansbo, CEO of Tbricks, stated, "We looked at partners from all over the world and selected Datawatch since it offered the most comprehensive developer toolkit available combined with world–class visualization technology. We used [the solution] to tightly integrate their interactive tools with our platform. This combination of a highly intuitive front end with our extremely high performance trading platform suddenly sets a new standard for automated trading; our first customers love it since they are able to work so much more productively and more profitably!"

KEY BENEFITS

- Graphical representation of project portfolios offer instant visual analysis of project trends and risks to improve decision–making improve business performance and align users with common goals.

- The ability to change views quickly allows managers greater insight into potential issues.

- Drill–down performance metrics determine project health and provide detail to pinpoint and quickly resolve root causes of issues.

- Using the visualizations, users can directly access and run relevant reports for greater detail to help them better understand issues.

- Customizing views helps identify business trends in specific geographies, markets and functions to determine future opportunities.

- Project employee performance can be measured across divisions or types of work in order to align resources with common objectives.

DATAWATCH

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