



TriCygnet

Overview

Country/Region:

United States

Industry:

Hedge Fund

Business Situation:

TriCygnet needed a faster, more accurate and reliable means of managing and analyzing large volumes of market data than its incumbent time-consuming, manual process.

Solution:

Xenomorph's data and analytics management suite, TimeScope, met the fund's requirement for a flexible, robust and scalable solution, capable of managing huge volumes of data and providing in-depth proprietary data analysis.

The solution enables TriCygnet to quickly identify relative pricing, performance, historical and implied volatility trends, all of which result in faster and more accurate analysis, with less time spent acquiring and maintaining data and more time spent devising and implementing investment strategies.

Benefits:

- **Trading Scalability**
- **Greater Efficiency**
- **Reduced Operational Risk**
- **Multi-Asset and Future Proof**
- **Easy Integration and Extension**

TriCygnet

Xenomorph provides customized analytics to global macro fund. TimeScope offers fully integrated system for reliable data management and analysis.

INTRODUCTION

TriCygnet is a leader in global macro investment, dedicated to investing in securities of liquid markets to maximize the total rate of return.

TriCygnet's investment approach focuses on rigorous quantitative screening and analysis of broad economic and market conditions; individual sectors and industries; and company data. Trade themes are identified for long/short opportunities.

"TimeScope has enabled us to automate and streamline the data capture and storage process.

We have replaced the time-consuming, manual data screening process, which involved multiple workbooks and formulae, with a single TimeScope query.

What's more, the system is compatible with existing data sources and user applications, so we didn't have to rip and replace technology."

Edward Mirsepahi, CEO
TriCygnet

"TimeScape's ability to easily capture, store and analyze vast quantities of any type of data is being put through its paces at TriCygnet and to see it pass with flying colors and benefit the firm is greatly satisfying."

Mark Woodgate,
Founding Partner,
Xenomorph

SITUATION

Being a global-macro fund, TriCygnet needed to design a scalable model for extensive time-series analysis of securities and valuation variables from the various markets across the world.

The fund also needed to be able to identify quickly, relative pricing, performance and historical as well as implied volatility trends and minimize time spent acquiring and maintaining data.

"A core part of TriCygnet's business hinges on fast and accurate analysis of high volume, high quality data. This is what our software does. TimeScape reduces the time staff spend inputting vast amounts of data into spreadsheets, allowing them to concentrate on data analysis instead. TimeScape enables TriCygnet to plan future strategies, safe in the knowledge that it has the necessary technology to support those strategies as they evolve."

Naj Alavi, Managing Director,
Xenomorph Inc.

SOLUTION

Xenomorph's data and analytics management suite, TimeScape, met the fund's requirement for a flexible, robust and scalable solution, capable of managing huge volumes of data and providing in-depth proprietary data analysis.

The data capture from leading data feeds and the storage process were automated. The original, manual data loading and screening process in Excel, using multiple workbooks and formulae, was replaced by a single TimeScape query. This enables the user to query using multiple constraints over as large a universe as is required. The constraints may include any financial or statistical calculation of any asset class attribute stored.

From the outset, TimeScape enabled TriCygnet to define a sub-portfolio simply, and quickly use it for analysis, to create customized securities quickly and with ease, and to create proprietary analysis through the use of flexible formula definitions within TimeScape's Spreadsheet Inside technology.

The solution enables TriCygnet to quickly identify relative pricing, performance, historical and implied volatility trends, all of which result in faster and more accurate analysis, with less time spent acquiring and maintaining data and more time spent devising and implementing investment strategies. TimeScape is recognized as flexible, robust and future-proof, able to model any asset class and investment style almost instantly and to support such modeling with the necessary analytic framework.

“It became very apparent that Xenomorph does not distinguish between the firms it works with: whether the firm is a global Investment Bank or a start-up Fund, the interaction is on a level playing field and positive.

The manner in which the relationship was fostered, especially the responsiveness of the staff at Xenomorph, coupled with TimeScape’s functionality and performance, made the decision to bring TimeScape in-house all the simpler. An old colleague’s recommendation to investigate the use of TimeScape at TriCygnet was well founded.

In time, and as the Fund grows, TriCygnet looks forward to extending the use of TimeScape to other areas of the firm.”

Edward Mirsepahi , CEO
TriCygnet

BENEFITS

The key benefits TimeScape brings to TriCygnet include:

- **Trading Scalability** – TimeScape enabled successful manual investment techniques to be scaled to a larger universe of trading opportunities in a shorter time-frame.
- **Greater Efficiency** – The data capture and storage process was automated and streamlined using TimeScape, enabling staff to concentrate on data analysis and investment strategy rather than manual data input and validation.
- **Reduced Operational Risk** – Automated TimeScape queries replaced a time-consuming, data screening process, which involved manual manipulation and checking of multiple workbooks and formulae.
- **Multi-Asset and Future Proof** – Able to model necessary data for any asset class and to support related analytics within the short timeframes needed by the business.
- **Easy Integration and Extension** – The system is compatible with existing data sources and user applications and was able to leverage rather than replace existing client technology.

“Working with forward-thinking firms like TriCygnet demonstrates that no matter what the strategy, TimeScape is sufficiently flexible to be able to accommodate it.

Having delivered a flexible and scalable framework, Xenomorph is looking forward to strengthening the relationship between the two firms by continuing to provide a responsive and cost effective service to TriCygnet.”

Naj Alavi,
Managing Director,
Xenomorph Inc.

MORE INFORMATION

Xenomorph delivers data and analytics management solutions to the financial markets. Our TimeScape technology leverages our clients' proprietary expertise, enabling them to analyse and manage more data with greater control and transparency.

Our focus is to make our clients more successful by closing the productivity gaps between high performance database technology, data management and end-user data analysis. Through unified and transparent access to data and data analysis, our clients achieve even higher levels of financial innovation, business process efficiency and regulatory compliance.

Trading, research, risk, product control, IT and back-office staff use Xenomorph's TimeScape data management platform at investment banks, hedge funds and asset management institutions across the world's main financial centres.

Established in 1995, Xenomorph has offices in London, New York and Singapore.

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