



ACCELERATING CRYPTO TRADING DECISIONS

FASANARA CAPITAL USES ALTAIR® PANOPTICON™ TO MONITOR AND ANALYZE CRYPTOCURRENCY TRADING

Background Information

Cryptocurrency trading involves buying and selling digital assets like Bitcoin, Ethereum, and other tokens across global, 24/7 markets. Unlike traditional financial markets, crypto trading is highly volatile, fast-moving, and influenced by a wide range of factors – including market sentiment, regulatory news, and technological developments. Traders rely heavily on real-time data, analytics, and automation to identify opportunities, manage risk, and execute timely decisions in this dynamic and decentralized environment.



Every day we absorb terabytes of tick-level data and execute millions of trades across global venues. Altair Panopticon gives our quant and trading teams a low-latency visual layer that turns those real-time streams into precise, interactive insight — letting us validate signals and allocate capital without missing a beat.

Louis Stewart, Managing Partner and Head of Technology, Fasanara Digital

About the Customer

Founded in 2011, Fasanara Capital is an independent, owner-managed asset management firm headquartered in London. It specializes in alternative credit and fintech strategies, offering institutional investors access to innovative investment opportunities that go beyond traditional finance. In 2018, it launched Fasanara Digital as a joint venture with a team of researchers in the digital asset space. Since then, Fasanara Digital has grown to become one of the largest traders in the crypto industry, bridging the gap between institutional investors and the world of high-frequency quantitative strategies. With very large daily trading volumes across millions of individual trades, data sits at the core of their operations.

Their Challenge

In the high-volatility world of cryptocurrency trading, Fasanara Digital's team needed a more efficient way to manage vast volumes of real time streaming and historical data. Without an intuitive, customizable interface, portfolio managers, analysts, and researchers needed to gain actionable insight at the speed markets demanded. The firm needed a solution that could support real-time decision-making, deliver sub-second data visibility, and scale with growing data complexity – all while remaining vendor agnostic and adaptable to open-source languages like Python.

Our Solution

Fasanara Digital leverages [Altair® Panopticon™](#) to navigate the fast-paced, high-volatility world of cryptocurrency trading with greater clarity and speed. In a volatile, 24/7 environment, Panopticon gives Fasanara's traders and portfolio managers a powerful edge – offering real-time visibility into trading activity, strategy performance, and exchange behaviors through fully customizable dashboards.

With Panopticon, Fasanara can visualize and compare hundreds of digital assets, identify profitable opportunities based on live pricing, spreads, and fees, and track how each strategy performs across different exchanges. Traders use the platform to monitor market conditions, analyze historical post-trade data, and receive alerts when favorable setups emerge.

Panopticon's ability to connect to both streaming data and historic time series databases ensures that Fasanara can analyze complex trading data at high frequency without delay. It also supports a team-based environment – empowering end users to manage and customize dashboards independently, without relying solely on IT or rigid, off-the-shelf systems. By reducing latency, improving situational awareness, and supporting smarter decision-making, Panopticon plays a critical role in helping Fasanara maintain a competitive edge in crypto markets.

Learn More at:
altair.com/panopticon