



### **New real-time derivatives reporting system for SGX: First Derivatives**

Kx, a leader in high-performance database and time-series analytics, today announced it had delivered a bespoke solution based on its Streams for Kx CEP product for real-time derivatives markets reporting – Project MARS – to Singapore Exchange (SGX).

This is the third project Kx has delivered to SGX for real-time monitoring of derivatives trading activity. In 2011, systems for monitoring market-making and equities trading activity were delivered to SGX.

With a strong focus globally on managing risk within exchange environments the speeds at which market participants are moving mean exchanges need to adapt quickly to be able to keep up. Project MARS captures every order and trade message in the SGX trading engines, and provides real-time and historical reporting of SGX trading engine data, making the information more accessible to users. All data is also persisted to a historical database. MARS went live on Aug 15, 2011, when SGX rolled out its Reach trading engine for its securities market. Reach is the world's fastest trading engine with ultra-low latency and significantly higher capacity.

The project, an extension of FD's Streams for Kx solution, was delivered and implemented by Kx, together with its Singapore sales partner, BrokerEdge Systems Advisors Pte Ltd.

*This article is modified from a press release issued by FD on 2 April 2012*