



## **Republic Wireless selects Stream for Kx for Real-time Business Intelligence and Network Quality Alerts**

Kx, a leader in high-performance database and time-series analytics, announces that its Stream for Kx product will be used by Republic Wireless, one of the fastest growing and most innovative communications technology providers in the US, to fulfill its real-time systems monitoring requirements. In particular, Stream for Kx for will be integral to Republic Wireless's services that provide consumers with access to a cost-effective smartphone solution using Hybrid Calling technology to leverage both cellular and Wi-Fi networks for data, talk and text.

Republic Wireless needed a solution that would provide views on system statistics, as well as the ability to implement alerts to detect anomalies that may indicate the need to reallocate server resources or investigate unusual usage of their network. This ability to monitor their resources in real time gives Republic Wireless team key insights on the efficiencies of their network and allows for better capacity planning as their business grows.

As the volume on the network increases, the number of data points being generated has risen dramatically. Stream for Kx was deployed to capture the pertinent system quality and latency statistics and store the processed information to disk for historical benchmarking.

Republic Wireless staff also benefited from kdb+ training and accreditation, allowing the analysts to develop ad hoc analytics and alerts in house, which are then distributed to the Republic Wireless staff members through the Kx Dashboard visual layer.

Stream for Kx is in use globally at securities companies, trading exchanges and telecom companies to meet a range of business challenges. It is one of the world-class, flagship applications within the Kx suite, a powerful "Big Data" platform, offering capabilities in data analytics, event processing, algorithmic trading, FX aggregation and risk management.

**Jim Mulcahy, EVP & General Manager for Republic Wireless, said of the new system:** "Stream for Kx from FD offered us the ideal platform for processing the high volume of systems data that passes through our networks. As a result we now have real-time insight into the efficiencies and demands on our network that in turn enables us to better manage our services and continually improve the overall customer experience."

**Brian Conlon, Kx's CEO, said of the selection of Stream for Kx by Republic Wireless:** "We are delighted to partner with a progressive technology company like Republic Wireless. Although Stream for Kx is used primarily and extensively in the Capital Markets, the flexibility of the technology means that it has applications in other sectors such as gaming, energy, utilities and telecoms. The adoption of Stream for Kx by Republic Wireless attests to that adaptability and openness."

*This article is modified from a press release issued by FD on 21 August 2013*