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**First Derivatives plc  
("First Derivatives" or the "Company")**

**Bandwidth Selects Delta Stream for Real Time Business Intelligence  
and Network Quality Alerts**

**First Derivatives (AIM: FDP.L, IEX: GYQ.I)**, the leading provider of software and consulting services to the capital markets industry, announces that its Delta Stream product will be used by Bandwidth, a fast growing and innovative communications technology providers in the US, to fulfill real time systems monitoring requirements. In particular, Delta Stream will be integral to Bandwidth's Republic Wireless product, which provides consumers access to a cost-effective smartphone solution that uses Hybrid Calling technology to leverage both cellular and Wi-Fi networks for data, talk and text.

Bandwidth requires a solution that will 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 the Bandwidth network. This ability to monitor their resources in real time gives Bandwidth's 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. Delta Stream has been deployed to capture the pertinent system quality and latency statistics and store the processed information to disk for historical benchmarking.

Republic Wireless staff also benefit from Delta 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 Delta Dashboard visual layer.

Delta Stream™ is in use globally at securities companies, trading exchanges and telecoms companies to meet a range of business challenges. It is one of First Derivatives' world-class, flagship applications within its Delta 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:** "Delta Stream from First Derivatives 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, First Derivatives' CEO, said of the selection of Stream by Bandwidth:** "We are delighted to partner with a progressive technology company like Bandwidth. Although Delta Stream 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 Delta Stream by Bandwidth attests to that adaptability and openness."

**For further information and interviews, please contact:**

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**About Bandwidth**

Bandwidth is among the nation's largest and fastest-growing communication technology companies. The company operates two divisions - wholesale & enterprise and consumer & SMB - that share a mission of transforming the communications industry. Across the divisions, Bandwidth provides a full range of communications services, including wholesale voice origination and termination, a full suite of 9-1-1 services, hosted VoIP and internet connectivity service for SMBs, and a consumer wireless business. Founded in 1999, and a certified CLEC in 49 states, Bandwidth is a profitable company headquartered in Raleigh, NC with a large remote office in Denver, CO and field offices in eight other cities.

**About Delta**

Launched in 2008, Delta is a comprehensive suite of high performance real-time trading, CEP, market data and risk management applications powered by kdb+. Flagship trading products include Delta Flow, Delta Data Factory, Delta Algo, Delta Margin and Delta Stream, which are used in high data volume, low latency environments.

**About First Derivatives**

First Derivatives is a global provider of software and consulting services to the financial services industry. With over 16 years' experience working with leading financial institutions, it continues to deliver technologically advanced products and services that anticipate and respond to the evolving needs of global capital markets.

First Derivatives currently employs over 750 people worldwide and counts many of the world's top investment banks, brokers and hedge funds as its customers. It has operations in London, New York, Stockholm, Shanghai, Singapore, Toronto, Sydney, Dublin, Newry and Hong Kong.