



# U.S. Options Data Services

Interactive Data supplies an array of options data delivery methods and content choices

Annual growth rates in market data volume from the Options Price Reporting Authority are massive. However, receiving each OPRA tick with low latency delivery is essential for many firms in this marketplace. The good news is that Interactive Data remains committed to providing the clients who need it with comprehensive data coverage of the options market.

At the same time, many firms find that dealing with exponential data volume increases is very expensive and time consuming, and not all firms require the entire OPRA feed. That's why Interactive Data, through its Real-Time Services business, offers a variety of options data delivery methods and content choices.

## Deployed Full OPRA Feed

PlusFeed<sup>SM</sup>, Interactive Data's consolidated low-latency datafeed, is designed to process every tick of OPRA data. Interactive Data supplies a client site processor (CSP) configuration designed to handle the ongoing increases in market data from OPRA, which currently includes two small, commodity rack-mounted Dell 1950 computers with eight processor cores per server. The service is designed to handle up to 8.5 million messages per second.

This configuration is designed to support full OPRA traffic until the first half of 2011. OPRA has projected volumes of 4.1 million messages per second in January 2011.

## Co-location Service

Clients that require the full data set from OPRA but want to offload responsibility for managing data lines and infrastructure can take advantage our co-location service at Interactive Data 7ticks datacenters as well as other facilities. Firms can co-locate their applications and access PlusFeed via an inexpensive cross connection. In addition to lowering communication costs, the service is designed to reduce latency between PlusFeed and the firm's application, and the execution venue.

## Deployed Essential Options Service

For clients who do not require the entire OPRA feed, Interactive Data also offers an Essential Options Service. The Essential Options Service is designed to help reduce bandwidth by approximately 90 percent, compared to the full OPRA feed. With this service, updates to active best bid offer (BBO) quotes are designed to be delivered every five seconds, and updates to non-active BBO quotes are designed to be sent every five minutes.

## PlusFeed Select and PlusFeed VPN

For clients interested in a subset of OPRA data delivered in watch list mode, PlusFeed Select and PlusFeed VPN can provide access to options chain data tick-by-tick from all options exchanges, without the need for full infrastructure. PlusFeed Select is Interactive Data's high-speed digital data feed delivered via leased line. PlusFeed VPN is delivered over the Internet using powerful security and encryption technology.

## Hosted Options Data Portal

Interactive Data can supply data and charts for real-time or delayed delivery of options data via a Web portal with its PrimePortal offering. PrimePortal intranet and Internet solutions integrate various web-based modules to develop applications designed to meet clients' specific needs. These modules range from quote lists, portfolio tracking and extended searching capabilities, to professional chart analysis and alerts.

Interactive Data understands the data volume and mitigation issues involved with options information. Contact us to discuss how we can help you to meet your options data-related needs.

## About Interactive Data Corporation

Interactive Data Corporation is a trusted leader in financial information. Thousands of financial institutions and active traders, as well as hundreds of software and service providers, subscribe to our fixed income evaluations, reference data, real-time market data, trading infrastructure services, fixed income analytics, desktop solutions and web-based solutions. Interactive Data's offerings support clients around the world with mission-critical functions, including portfolio valuation, regulatory compliance, risk management, electronic trading and wealth management. Interactive Data is headquartered in Bedford, Massachusetts and has over 2,400 employees in offices worldwide.

Interactive Data's Real-Time Services business is a leading provider of real-time global market data to financial institutions, redistributors and online financial portals worldwide. Offerings from Interactive Data include PlusFeed, a consolidated, low latency datafeed. Also managed as part of this business is Interactive Data's Managed Solutions business, a leading provider and operator of customized financial market information systems.

For more information about Interactive Data Corporation and its businesses, please visit [www.interactivedata.com](http://www.interactivedata.com).

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