



Real-time Options Analytics

Real-time option risk parameters and implied volatilities for position and risk management, screening and modelling

Interactive Data's Options Analytics is a real-time data service that delivers advanced options analytics for U.S. listed equity and index options. The service is designed for risk managers, traders and derivative strategists to help them:

- Assess portfolio risk or P&L using option greeks
- Trade volatility
- Model volatility surfaces with implied volatilities

Options Analytics is designed to calculate real-time, low-latency options analytics on the U.S. OPRA universe – over 335,000 options on more than 3,500 underlying stocks—in less than 10 milliseconds per option chain.

The service requires less bandwidth than services from some other providers for lower communications costs, as the data elements are designed to be updated at least once every 30 seconds.

Options Analytics is based on widely used methodologies and provides users with related data elements including bid, mid and ask option prices and underlying stock prices used in the calculations.

Real-time Data Coverage

- Greeks
 - Delta - measure of sensitivity of option value to the change in the underlying's price
 - Gamma - measure of sensitivity of delta to the change in underlying's price
 - Vega - measure of sensitivity of option value to the volatility of the underlying
 - Rho - measure of sensitivity of option value to the change in interest rate
 - Theta - measure of sensitivity of option value to the passage of time

- Volatilities
 - Bid, mid and ask implied volatilities
- Bid, mid, ask option price at time of calculation
- Underlying security information
 - Three-month at-the-money volatility
 - Underlying price at time of calculation

Market Coverage

The full OPRA universe of U.S. listed equity and index options

Delivery

Real-time Options Analytics is a standalone service that will be available through Interactive Data via a variety of delivery options. The service can be delivered as a:

- Deployed service – The Client Site Processor (CSP) is deployed at client site
- Hosted service – The Client Site Processor (CSP) resides at a hosting facility and clients access the data they subscribe to via leased line or Internet
- Co-located service – Firms can co-locate their applications at a number of data centers
- XML delivery – Provides data that can be easily integrated with and displayed to clients on Web pages

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.

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