



IDSISM

Interactive Data's IDSISM services are a central source of bulk U.S. and Canadian securities information for data processing operations, brokerage accounting, trust operations, and portfolio accounting at banks, brokerage firms, insurance companies, and other securities-related businesses.

IDSIS provides data for a range of security types, delivered via a variety of options, including:

- Pricing/Evaluation Services
- Announcement Data Services
- Specialized Services

■ Why use IDSI as a Data Source?

Data Coverage

IDSIS offers U.S. and Canadian securities pricing, evaluations, and related financial data including:

- Prices (close, bid/ask, high/low, open), market data, index values, and related data
- Fixed-income evaluations for listed and unlisted issues (Canadian dollar denominated fixed income security valuations from SVC)
- Most recent descriptive and related financial data

Interactive Data collects, edits, and maintains data from sources including direct exchange feeds, prospectuses, and official statements, as well as a wide range of third parties. We also crosscheck multiple sources to supplement incomplete information and employ a proven editing process to judge the integrity of the data. Data is researched and updated, as appropriate, by experienced data personnel.

Data Production

Interactive Data monitors data transmissions from sources to our systems and manages all phases of

data production to maintain data integrity. Exchange and listed markets pricing data and index values are updated throughout the day so that files can be available shortly after the markets close. Announcement, descriptive, and related data are updated as received from the source.

Data Delivery

IDSIS offers delivery options designed to provide you with the data you need, in the form you need, and in the timeframe you need it. Data is available in a variety of record lengths from 40 to 320 characters, and can be delivered via several transmission options (e.g., FTP, ISDN).

- Tier 1 Early Delivery is available after approximately 18:30 Eastern Time (ET).
- Tier 2 Early Delivery is available after approximately 19:15 (ET).
- Standard delivery is available after approximately 20:30 (ET). Additional data available in this delivery includes: futures pricing, mutual fund NAV updates from the MFQSSM, updated equity trading volumes that include late trading sessions, and late index and UIT valuation updates.
- A Changes service is available after approximately 20:30 (ET) that provides updated records for equity securities (including UITs and mutual funds) and indices with pricing related changes occurring after the release of the IDSI Tier 1 and Tier 2 Early Deliveries (this information is also included in the IDSI Standard release). Pricing related changes can include: high, low, close, bid, ask, and volume.

IDSIS also offers the "IDSIS Sooner" service, available as early as 17:30 (ET), which covers approximately 80% of our U.S. and Canadian universe.

Client Service

Interactive Data is committed to the highest standard of client support. Our product management, sales, and client services staffs concentrate their efforts on meeting client needs through a combination of data and delivery services. We provide both local and corporate-level technical support for data and data items, products and services, and data delivery, through a network of sales professionals, centralized client service, and extensive product management, fixed income, equity, and systems personnel. Client Service representatives provide responsive support between 08:30 and 22:00 (ET) every business day. Refer to the Client Service collateral for specific hours.

■ Pricing/Evaluation Services

IDSI Pricing/Evaluation services provide bulk pricing, evaluations, and related data by data set/subset and select pricing and evaluations upon request. Select pricing and evaluations can be delivered as a separate file or integrated (sorted by CUSIP®) with standard IDSI U.S./Canadian pricing and evaluation data set/subset files.

You may modify or replace your security request file at any time; however, only updates received by 15:00 (ET) will be reflected in that day's delivery. IDSI also offers an "On Demand" service enabling clients to submit security requests after 15:00 (ET) and still receive same-day pricing/evaluation files from Interactive Data.

Evaluations

Interactive Data does not advise clients as to what securities they should buy or sell. Our evaluations represent our good faith opinion as to what a buyer in the marketplace would pay for a security (typically in an institutional round lot position) in a current sale.

Interactive Data's evaluators regularly review the evaluation inputs for securities covered, including broker quotes, credit information, and cash flows, as applicable. If we determine we do not have sufficient objectively verifiable information about a security's valuation, we will discontinue evaluating the security until we can obtain such information.

Interactive Data seeks to obtain market color, including bid information received by our fund clients, as part of our evaluation methodologies. To that end, we request that clients forward bid information to the evaluation team. (Bid information should be sent to: evalsupport@interactivedata.com) Verified information

is reflected in our evaluations to the extent that we deem it formative of our good faith opinion.

Available Formats and Data Sets/Subsets

Pricing, evaluations, and related data are available in standard 320-, 216-, 160-, 80-, and 40-character record formats. Optional bulletin records provide periodic updates to issues affected by capitalization changes and descriptive data changes (e.g., CUSIP or security name change). Available pricing and evaluations data set/subset modules, listed below, provide U.S. data except as noted:

- Unlisted ADR evaluations
- Corporate Bond prices and evaluations (including evaluations for MTNs, zero coupons, CDs, etc.)
 - U.S.: NYSE® and NYSE Amex® exchange prices
 - Canada: Canadian dollar denominated corporate/provincial bond prices and valuations from SVC
 - Broker quotes for Church Bonds
- Mortgage-Backed Securities (MBSs) evaluations – Pool-specific seasoned and generic evaluations for FNMA, GNMA (including GNMA Reverse Mortgage-Backed Securities), and FHLMC (available on a select basis); SBAs; TBAs
- Other Structured Securities evaluations – Agency/GSE and private label Collateralized Mortgage Obligations (CMOs), and Asset-Backed Securities (ABSs)
- Equities
 - U.S.: NYSE, NYSE Amex Equities, NASDAQ®, Stock Market, NASDAQ OMX PHLXSM, NASDAQ OMX BXSM, and Chicago Stock Exchange, NYSE ArcaSM, CBOE® Stock Exchange, OTC Bulletin Board, Other-OTC, OTC Markets® Group
 - Unlisted preferreds: evaluations from Interactive Data
 - Canada: TSX™, TSX Venture Exchange™
 - Multi-listed: U.S. regional & Canadian exchange pricing
- Mutual funds (including money market) and Unit Investment Trusts
- Futures and Commodities (global coverage)
- Government/Agency bond evaluations by market
 - U.S.: Bills, bonds, notes, savings bonds, agencies/GSEs; agency discount notes
 - Canada: Treasury Bills (valuations from SVC)

- Indices and Market Indicators
- Municipal Bonds (evaluations available on a select basis; full universe available as standalone delivery only)
- Options (Canadian, equity, index): composite and/or exchange specific by pricing option: trade price, bid and ask, mark to market

A variety of optional announcement data services (described below) are also available merged into the Pricing/Evaluation file or standalone (separate delivery).

■ Announcement Data Services

IDSI Announcement Data services deliver U.S. and Canadian capitalization change and income data to alert clients of registered bond interest payments, stockholders' meetings, and events affecting valuations. Announcement data is available by dataset or on a select basis. Options include:

- **Called Bond Announcements**—Notifications of U.S. corporate and municipal bonds, and government and agency/GSE issues partially or fully called for redemption; normally call data is available within one week of the announcement. (Data for calls announced over a year in advance is available one month before the call date.)
- **Total Dividend Service**—Comprehensive U.S./Canadian dividend announcement and capitalization information covering listed and unlisted equities is offered for clients who want greater breadth in data items and precision. Data is available on a standalone basis or integrated with existing IDSI pricing/evaluation records. A simplified dividend announcement service is also available in several formats (e.g., 40B, 80B, 160).
- **Registered Bond Interest Payments**—Interest payment information for registered U.S./Canadian corporate and government bonds is available integrated with the individual IDSI pricing/evaluation records.
- **Stockholders' Meetings Announcements**—Notices of stockholders' meetings collected from NYSE, NYSE Amex Equities, TSX, and from issuers themselves are available integrated with the individual IDSI pricing/evaluation records.

■ Specialized Services

We also offer the following specialized data and application services.

- **13(f) Data**: Data for securities on the SEC's official list of 13(f) securities is delivered quarterly.
- **Reorganization Announcements**: U.S. reorganization announcement data on issuers and issues covering five major types of reorganization announcements; CUSIP/name changes, mergers/acquisitions/tender offers, redemptions, stock dividends/splits, and tender agent/depository delivery data. Available daily, weekly, or monthly.
- **T-1 Security Notification Service**: Daily delivery of securities change data for U.S./Canadian equities, prior to the effective date of the changes. Data includes changes to a security's ticker, CUSIP, and/or exchange, issue type, and status; as well as data on new securities including issue and issuer descriptions.

■ Related Services

We offer the following related services that complement IDSI data. (Detailed information may be found in our service-specific collaterals.)

- **360ViewSM** delivers a world of global financial securities data to a client's desktop through Web browser and Internet connections - anywhere, anytime.
- **FTSSM** is a flexible portfolio administration tool that provides desktop access to a vast amount of global securities data. An integrated package, FTS combines an intuitive online view with the ability to download data for processing in a format that suits clients' needs.
- **RemotePlusSM** is Interactive Data's financial data server for Windows[®] and UNIX[®] based workstations. RemotePlus integrates with applications such as Microsoft[®] Excel[®], and other analytical software, and communicates with our host server system, letting clients look up and retrieve global financial market and research information.

- **SIRSSM** (Securities Information Retrieval Service) provides a fully automated service delivering and updating descriptive data to develop and maintain a central security master file. SIRS covers a broad range of global securities.
- **Value Added Data Service (VADSSM)** delivers mortgage-backed and collateralized mortgage obligation factors, evaluations, and related descriptive data. Due to the unique delivery schedule of factors, VADS offers both customized delivery schedules based on factor updates and standard daily, weekly, and monthly data deliveries. Full universe and select deliveries are available.

About Interactive Data

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 2,500 employees in offices worldwide.

Interactive Data's Pricing and Reference Data business provides global securities pricing, evaluations and reference data designed to support financial institutions' and investment funds' pricing activities, securities operations, research and portfolio management. Interactive Data collects, edits, maintains and delivers data on more than 7 million securities, including daily evaluations for approximately 2.8 million fixed income and international equity issues. Interactive Data specializes in 'hard-to-get' information and evaluates many 'hard-to-value' instruments. Pricing, evaluations and reference data are provided in the U.S. through Interactive Data Pricing and Reference Data, Inc. and internationally through Interactive Data (Europe) Ltd. and Interactive Data (Australia) Pty Ltd.

For more information, please visit www.interactivedata.com.

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