

SIRSSM

Securities Information Retrieval Service Global Reference Data

Interactive Data Pricing and Reference Data's Securities Information Retrieval Service (SIRSSM) provides you with a fully automated service for the retrieval and updating of the global reference data necessary for establishing and maintaining your security master file.

The services described below are provided by Interactive Data Pricing and Reference Data, Inc. referred to as "Interactive Data" within this document.

SIRS covers a broad range of global securities, supports securities trading, settlement, accounting and reporting functions, and can help you meet regulatory and client service requirements.

SIRS provides a single-source, cost-effective data service that helps you keep pace with the growth and complexity of the securities you hold or monitor by supplying the data by full universe, select client files, or a combination thereof, and by presenting the data in fielded, uniform, computer-readable data records.

■ Features & Benefits

SIRS offers you:

- Comprehensive, Single Source Data—SIRS offers extensive reference data coverage on global securities through one service, in one feed, from one vendor.
- Data Quality—Interactive Data collects, edits, integrates, and maintains data collected from primary sources including direct exchange and market feeds, prospectuses and official statements, and a wide range of authoritative sources.
- Timely Data Updates—SIRS data is updated and available for delivery and/or retrieval throughout the business day.
- Backup and Retrieval Protection—SIRS provides data backup by maintaining a control file of your data options. Interactive Data can reproduce and deliver your SIRS central asset file, in the event of unexpected hardware or software failure.
- Variety of Identifiers—SIRS supports CUSIP[®] numbers (for U.S./Canadian securities), CINS[®] numbers (for non-U.S./non-Canadian securities), SEDOL[®] and ISIN numbers (for global securities) as key identifiers, as well as client-specified internal security identifiers. SIRS also supplies Common Codes, ISINs, and Local, Euronext[®], German, and Belgian codes as cross-reference identifiers.
- 80-Character Format—SIRS presents data for each asset type uniformly in multiple, 80-character fielded record formats, which allow for efficient programming of data loaders and subsequent data delivery.
- Tagged Data Format—SIRS presents data for each asset type in tagged, comma-delimited format, delivered as a single record per security on an item-level changes basis (available at end-of-day only).

■ The Data

Coverage

SIRS provides reference data on a wide range of global securities. SIRS covers U.S./Canadian securities identified by CUSIP, CINS, SEDOL, ISIN, or by Interactive Data-assigned identifier (U.S. options), and non-U.S./non-Canadian securities identified by SEDOL or ISIN. Coverage includes:

- Equities—Global equities and warrants; depositary receipts; and U.S./Canadian mutual funds, UITs, and U.S. options. Refer to *SIRS Global Equity Data Coverage* for details.
- Fixed Income—Global corporate, government, and agency/GSE bonds; and U.S. mortgage-backed securities, collateralized mortgage obligations, asset-backed securities, and municipal issues. Refer to *SIRS Global Fixed Income Data Coverage* for details.

Sources

Interactive Data collects and maintains reference data from direct and third party sources including exchange feeds (e.g., NYSE[®], NYSE Alternext U.S., NASDAQ[®], TSX[®]), agencies and GSEs (GNMA, FHLMC, FNMA), prospectuses and official statements, third party vendors (e.g., Moody's[®], S&P[®]), investment publications (e.g., *The Wall Street Journal*[®], Barron's[®]), and direct issuer sources (e.g., sponsors, corporations).

Timeliness

SIRS data is updated and available for delivery and/or retrieval throughout the business day. Data on securities new to your firm can be delivered on demand in an initialization file (with your next scheduled SIRS update) or as you request.

Reference data updates fall into three categories: skeletal information, full record information, and dynamic information.

- Skeletal (basic) information on new U.S. corporate, government, municipal, collateralized mortgage obligation, and asset-backed securities minimally includes the CUSIP number, name, original coupon rate, first coupon date, maturity date, payment frequency, dated date, and accrual method.

- Initial full record information is generally completed after skeletal information is obtained, and is based on original source documentation (e.g., prospectus), as soon as it can be sourced by Interactive Data. Coverage includes terms and conditions data (e.g., call, put, and sinking fund schedules), as well as conversion and coupon reset features.
- Information for data that changes periodically (e.g., quality rating, CUSIP, shares outstanding) and data corrections are updated on an on-going basis.

■ Data Updates and Delivery

Security Coverage

SIRS allows you to specify the range of SIRS data you need by using one of the following security coverage options:

- Full universe(s), e.g., all U.S./Canadian equities or all U.S./Canadian corporate bonds
- Select securities across asset types
- Combination of full universe(s) and selected securities
- Subsets of full universes (e.g. all convertible bonds)

Data Updating

SIRS allows you to update your SIRS data using the options described below.

- Changes-Only: You receive data only for new issues or existing issues for which changes have occurred since the previous update. You may choose from the following options:
 - Record level changes updates only the record(s) with respect to a security for which any data item in that record has changed. Note: This option returns the entire schedule (instead of only the record containing changes) when changes occur for schedule data.
 - Security level changes refreshes all reference data for a security whenever an item changes with respect to any record for that security. If any SIRS item changes, you will receive the security in your delivery even if you do not subscribe to the record containing the change.
- Full-File Replacement: You receive all data for all issues in the SIRS database, based on your security subscription options. The replacement file includes new issues as well as existing issues, and offers the current view of your universe. **Note:** This option is offered for periodic refresh only.

Update Frequency

- SIRS allows you to refresh your data regularly on one of the following schedules, or on an unscheduled basis (per your request in advance).
 - Daily: Delivered in the evening, after the close of business.
 - Weekly: Any day of the week, after the close of business.
 - Monthly: Any particular day (e.g., last business day), after the close of business.
 - Quarterly: Any particular day (e.g., last business day), after the close of business, arranged according to your preference.
- SIRS-on-Demand provides request/response availability 24/6.5.
- SIRS Intra-Day provides five updates daily, including end-of-day, for selected asset categories.

Delivery

SIRS allows you to choose data transmission over switched or dedicated lines using a choice of standard protocols and transmission speeds.

■ Adjunct Services

SIRS offers the following adjunct services, designed to provide new issues and content changes at periods other than the standard end-of-day timeframe. Refer to the *SIRS Adjunct Services* collateral for details on these service upgrades.

- **SIRS Early Equity Service** delivers a SIRS 80-character format file containing new equity issues or U.S./Canadian equities for which the CUSIP, name, ticker, or exchange has changed since the most recent SIRS end-of-day delivery. This file is available by approximately 01:00 and 08:00 (Eastern Time), with the contents of the 01:00 file redundantly included in the 08:00 file and next regularly scheduled SIRS delivery and the contents of the 08:00 file redundantly included in the next regularly scheduled SIRS delivery.
- **SIRS Intra-Day** delivers data files at any or all of five service intervals throughout the business day, with full upward compatibility to the SIRS 80-character, fixed field service.

- **SIRS-on-Demand** provides bulk-oriented, on-demand data retrieval in the standard 80-character or SIRS Tagged output format on an item-level basis. Data may be retrieved during normal system availability times.

■ Online Services

For intra-day, ad hoc look-ups covering a limited number of securities or a few data items for a single security, Interactive Data provides online access to SIRS reference data through RemotePlusSM and FTInteractiveData.comSM Desktop.

- **RemotePlus** is our financial data server for use with Microsoft[®] Windows[®] and UNIX[®] based operating systems. RemotePlus integrates with your applications, such as Microsoft[®] Excel[®], and other analytical software. RemotePlus communicates with Interactive Data's host server system, allowing you to look up and retrieve global financial and research data.
- **FTInteractiveData.com Desktop** delivers a world of global financial securities data to your desktop through Web browser and Internet connections—anywhere, any time. All segments of the financial securities industry, from front office to back office, can use FTInteractiveData.com Desktop for quick and easy access to a broad range of pricing, evaluations, and reference data.

■ Client Service

Interactive Data is committed to the highest standard of client support. Our product management, sales, and client service staff 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.

About Interactive Data

Interactive Data Corporation (NYSE: IDC) is a leading global provider of financial market data, analytics and related services to financial institutions, active traders and individual investors. Through its businesses, Interactive Data Pricing and Reference Data, Interactive Data Real-Time Services, Interactive Data Fixed Income Analytics, and eSignal, the Company has approximately 2,300 employees in offices located throughout North America, Europe, Asia and Australia. Interactive Data Pricing and Reference Data 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 Pricing and Reference Data collects, edits, maintains and delivers data on more than 6 million securities, including daily evaluations for approximately 2.5 million fixed income and international equity issues. Interactive Data Pricing and Reference 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 about Interactive Data and its businesses, please visit www.interactivedata.com.

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