



Financial Information

Valordata Feed (VDF)

Your ticket to high quality data.

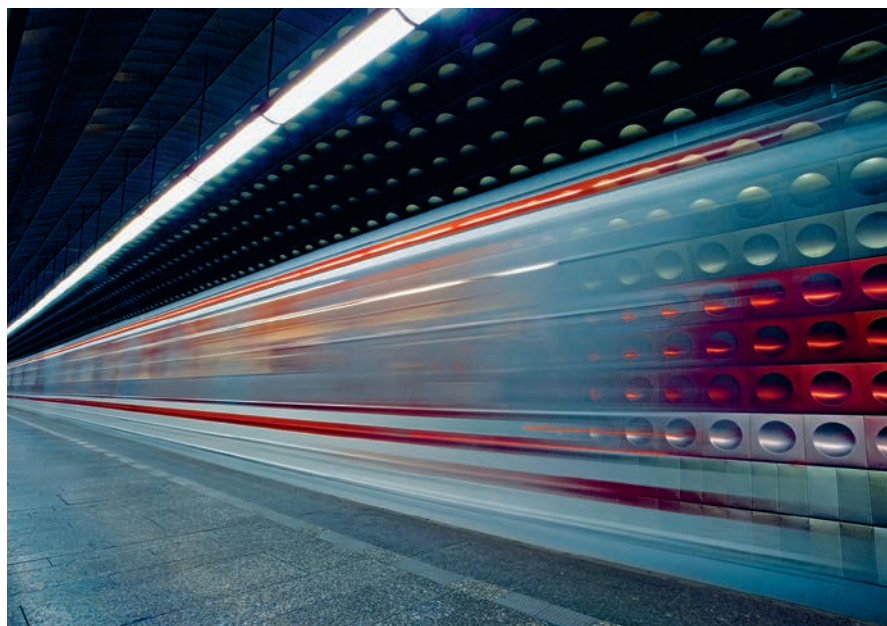


The Valordata Feed (VDF) is a fully structured and encoded financial data feed offering near real-time securities data. Based on a powerful modular database, VDF supplies reference data, price information and award-winning corporate actions in standardized formats for easy straight-through processing.

Best in business class

VDF features intelligent cross-referencing data required for regulatory compliance, in order to minimize operational risks, reduce costs and save time. SIX Financial Information specialists based in key international financial centers ensure new rules and directives are incorporated seamlessly into VDF, keeping your data current with the latest developments. Quality checks and controls guarantee delivery of the highest quality data in your chosen format. To that effect, we have been recognized as the Best Corporate Actions Data Provider for the fourth year in a row.

Covering millions of financial instruments, SIX Financial Information's continually expanding database is updated every 15 minutes. With VDF Flash, an unparalleled on-demand service, you can bring new instrument data online in only seconds. This depth and breadth combined with exceptional versatility make VDF a complete, integrated and timely service for all your needs, from the back office through to risk management and into the front office.



Key Benefits:

- **Completeness:** Depth of information and comprehensive data coverage using a wide variety of current international identifiers (e.g. ISIN, listing symbols, exchange codes).
- **Accuracy:** Quality and consistency through continuous data checks and updates.
- **Timeliness:** Data delivery in near real-time with a unique on-demand service bringing new instrument information online in only seconds.
- **Transparency:** Specialist expertise and market competence guarantee regulatory compliance.
- **Sustainability:** Superior, long-term solutions and a transparent cost structure.

Structured, linked and automated

VDF is based on SIX Financial Information's state-of-the-art data model that has been developed by a global team of financial experts. Its versatile messaging system is compliant with EDIFACT, a compact, standardized language based on ISO standards. XML and other formats are available. A browser-based web service provides an expert user search tool for up-to-date global securities information.

The data model of SIX Financial Information classifies data according to corporate actions, pricing information, exchanges, reference data and tax and regulatory data. The data is intelligently linked for optimal cross-referencing, and delivered to you according to your individual instrument selection. For enhanced insight into investments and risk positions, SIX Financial Information's highly sophisticated data model offers you direct access to information on underlyings of structured and leveraged products. For ultimate automation, issuers also can enter critical term sheet information directly through the CONNEXOR Terms service, which can be accessed via VDF, ensuring precise delivery to all customers.

VDF delivery intervals:

- Every 15 minutes
- 1 or 3 times per day
- 1 or 6 times per day for valuations

VDF delivery formats:

- EDIFACT is the VDF native format based on ISO standards
- VDF2XML Converter converts VDF messages into XML
- DOC Converter for fixed record length format
- DOC Print converts VDF messages into PDF print format
- VDF cash flow and event data is available in ISO15022 format (MT564) and SWIFT format compliant.
- Customized solutions

Your fast track to reference data

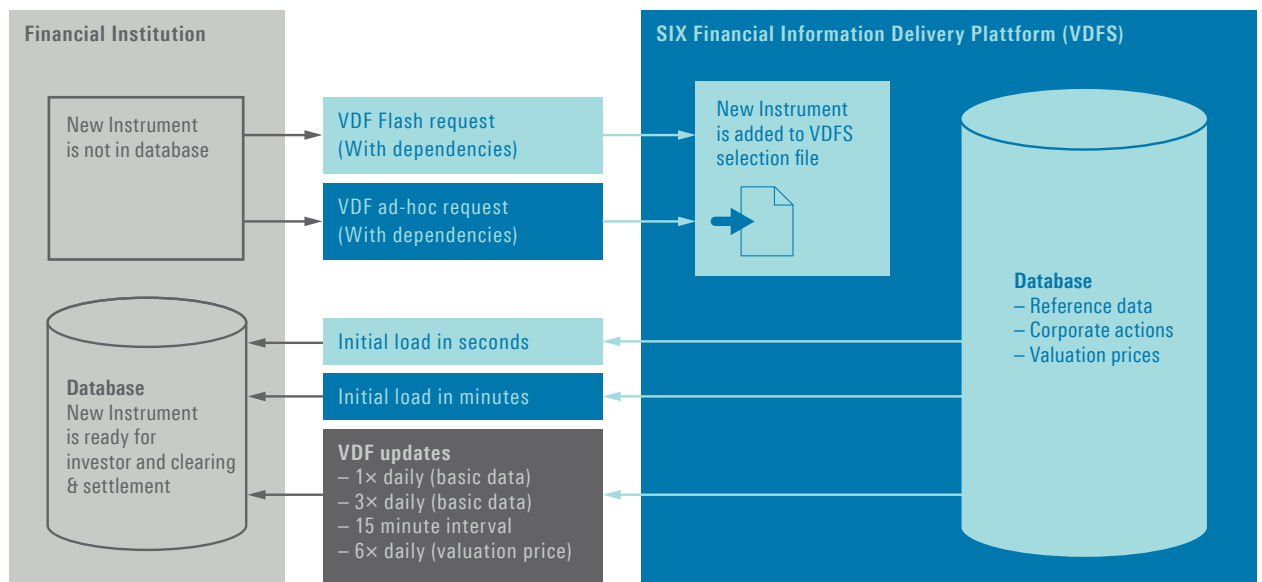
SIX Financial Information offers extensive customization of VDF delivery options to best suit your needs. The once daily delivery captures all data updates worldwide since the previous feed. Partial deliveries occur three times daily based on the time zones of Asia, Europe and the USA. In addition, data can be called up any time via the ad-hoc search in the central distribution platform VDFS.

The VDF Pulse service updates your data even more rapidly. It provides push-delta updates of time-critical reference data and corporate actions every 15 minutes. These intervals reduce considerably the size of partial deliveries, speeding up your processing time and cutting costs. The most rapid on-demand service is VDF Flash. In just seconds, it can bring a new instrument online which is ready for trading, clearing and settlement. VDF Flash's synchronized data flow automatically adds the newly requested information to your portfolio.

Worldwide tracks of data

An exceptional provider of reference data and corporate actions, SIX Financial Information also delivers essential prices and valuations. Classifications of valuation prices are based on transparent and internationally recognized rules and include special flags such as the most liquid trading place, best trading venue or original listing place. SIX Financial Information's Evaluated Pricing Service provides independent valuations supplemented with prices obtained from third party providers for complex, hard-to-price securities. All price data can be sourced up to six times a day.

Rounding out SIX Financial Information's extensive offering is VDF Time Series, a crucial tool to help you complete your pricing history. Whether you add a new instrument to your portfolio or receive quotes that don't go back far enough, VDF Time Series supplies up to 10 years of wide-ranging quotation types. Together these smart features of VDF provide you with a flexible yet comprehensive and robust service adapted continuously to the changing market with tailored, up-to-date data.



VDF delivers data in just seconds on request or in various intervals to best suit your needs. A technical API description and a sample program in Java are available upon request.

Get on board

SIX Financial Information is the world's second largest back office data provider, according to the 2011 AIM Global Reference Data and Risk Management Survey. Over 700 international financial institutions have relied on VDF as their most important source of reference data and corporate actions during the last two decades. Thanks to collaboration with global accounts such as UBS, Credit Suisse, ING, Société Générale and Merrill Lynch as well as numerous local financial institutions worldwide, VDF is adapted continuously to meet the fast-changing needs of the finance industry.

SIX Financial Information sources data directly from over 1,500 global exchanges, multilateral trading facilities and institutional contributors. Its specialized analysts are strategically based in the world's principal financial centers, including New York, London, Zurich, Frankfurt, Singapore and Tokyo. Data is refined in SIX Financial Information's unparalleled data model designed by leading finance experts. Automated and manual plausibility checks, integrity controls and 24-hour monitoring ensure that data from SIX Financial Information meets strict quality standards.

VDF is one of six core products provided by SIX Financial Information. The key services are VDF, Market Data Feed (MDF), apiD, Intraday Pricing Service (IPS), Telekurs iD and Evaluated Pricing Service (EPS). All deliver high quality data in standardized formats through customizable platforms, covering your needs from the back office through to risk management and into the front office. SIX Financial Information has ranked consistently high in customer satisfaction surveys. Combined with a local presence, global reach and around-the-clock service from data, sales and support teams, you can rely on SIX Financial Information as your trusted partner for innovative solutions.

Award-winning services:

SIX Financial Information was chosen as the winner at the Inside Reference Data Awards sponsored by the British publishing house Incisive Media four years in a row:

- **Best Corporate Actions Data Provider 2010, 2011, 2012 and 2013**
- **Best Reference Data Initiative (Vendor) 2011**

These accolades highlight SIX Financial Information's solution-oriented commitment to providing high quality data and innovative services.



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