

Telekurs Financial

Your one source for global data



 **Telekurs Financial**



A single point of access for global data

Since its founding 75 years ago, Telekurs has been dedicated to just one thing – delivering the best quality, farthest-reaching, global market and reference data available in the industry.

That focus and commitment have never wavered.

As a result, we offer today's financial markets the flexible data solutions needed to respond with speed and confidence to changes brought on by external forces or internal strategy shifts.

Real-time market data combined with superior back office solutions

With an on-the-ground presence in 14 major financial centers around the world, Telekurs directly sources from approximately 200 global exchanges and over 400 third-party contributors. Our Market Data Feed (MDF) solutions are real-time or delayed, broadcast or interactive to meet virtually every industry need. And our one-of-a-kind securities master database allows you to link nearly 1,500 individual data elements across more than 2 million financial instruments seamlessly for a clear view of your investment positions.

From valuation pricing and real-time market data feeds to streamlined back office products and services for improved straight-through processing – Telekurs is your one source for quality global data.





Tailored solutions for your specific business needs

In our experience, finding the right solution starts with you. That's why we listen... listen to your goals and objectives, to learn about your internal processes and ultimately, to gain an understanding of how you use data on a day-to-day basis.

Depending on how your organization works, you can implement individual solutions for specific departments, or you can take advantage of the full scope of data we can offer – centralizing your securities information for critical functions ranging from risk management and exposure analysis, to algorithmic trading and corporate actions processing, to portfolio management and more. The end result is a solution that meets your business needs.

Timely, accurate pricing for precise valuation

For top-level portfolio valuation, Telekurs provides a flexible solution that delivers just the pricing information you need, exactly when and how you need it. With intraday and closing prices from over 600 stock exchanges and contributors worldwide, you can choose to receive valuation pricing for a wide range of securities or for your specific holdings.

Real-time market data feeds for a complete picture of your portfolio

For even greater depth, Telekurs' Market Data Feed (MDF) delivers pricing and descriptive information from the full span of trading sessions across a broad array of reported, derived and statistical elements. Data is normalized and consolidated, then delivered through MDFstream, our broadcast streaming data feed, or MDFselect, our cache-based interactive feed solution.

MDFstream offers real-time or delayed feeds, news and descriptive data services through a simple API. A sophisticated, rapid queuing design allows for the processing and delivery of large amounts of data, making this the right choice for those who need vast quantities of data.

MDFselect reads, caches and delivers our real-time market data to interactive terminal applications through an API connection to Telekurs' Financial Information Management Server (FIMS) for quick, cost-effective integration. With a highly scalable architecture, this solution currently provides information to more than 60,000 Telekurs display services and dozens of API clients around the world.



Fully automated data solutions improve straight-through processing

A complete back office solution, **Telekurs Valordata Feed (VDF)** is the industry's leading source for securities reference, descriptive and corporate actions information. VDF provides the unique ability to link reference data to valuation pricing, issuer information and events.

Telekurs spent 10 years laying the groundwork for VDF by defining all the different events that can affect a security throughout its life cycle. The result is the world's only structured, fully encoded data feed for the straight-through processing of securities administration, risk management, portfolio management and trading activities. That's why VDF has been chosen as the preferred reference data and events solution by hundreds of financial institutions around the world since its release in 1999.

The highly evolved relational structure of VDF uses information from hundreds of sources to update our database of more than 2 million instruments, organizing it into over 60 encoded message types covering 1,500 data elements to deliver a level of detail and automation that simply can't be matched. This flexible structure also makes it simple for Telekurs to incorporate new derivative products and securities into VDF.

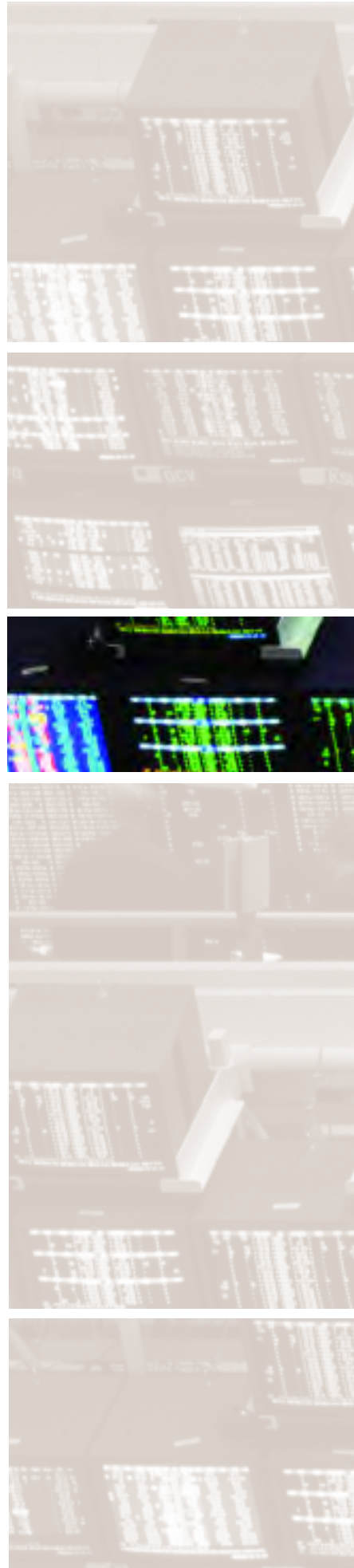
Using VDF, you can easily link descriptive and corporate events data with all the required valuation prices and other key elements. Literally everything you need to know about a security is linked, enabling you to easily identify instruments, derivatives such as options and warrants, issuer, corporate action history, dividends, splits and even the appropriate exchange, including specific market hours, holidays and more.

We complement our security coverage with comprehensive data for funds – right down to asset allocation – as well as deeper information on indices, including composition details and constituent instrument linkage.

Added to this comprehensive information, VDF enables you to trace events as far back as 10 years – effectively saving time and money by eliminating manual research and processing.

Streamlined options to meet your specific needs

For the simplest integration into your existing systems and workflows, you can opt to receive just the change notices you need via our TBII service. Derived from VDF, this solution updates master data and corporate actions daily for over 1 million financial instruments. As a result, you have streamlined access to changes related to basic data, capital and dividend payments, as well as corporate actions such as splits, liquidations, mergers, and more.



ISIDPlus enables cross-referencing to major national security identification numbers, including:

Austria
Belgium
Canada
Common Code
Denmark
France
Germany
ISIN
Italy
Luxembourg
Japan
Netherlands
Spain
Switzerland
UK
USA

Cross-border solutions for streamlined settlement

Specifically for your cross-border trading and settlement activities, Telekurs offers you access to the single most comprehensive database of security identifiers. Developed in partnership with Standard & Poor's, ISIDPlus enables cross-referencing of over 650,000 of the most actively traded cross-border issues with more than 3 million official identifiers. Specifically, ISIDPlus:

Automates front-to-back office operations

Improves cross-border communications with financial institutions

Reduces processing errors and elimination of DKs (failures)

Updated daily or weekly based on your needs, ISIDPlus effectively facilitates straight-through processing for cross-border clearing.

Seamless integration in your existing environment

From simple APIs, to fixed file and relational database formats via FTP, to a host of third party partnerships and more – Telekurs offers a wide variety of delivery options to ensure your data is received in a way that integrates easily with your existing systems. Regardless of how you choose to receive our data – directly from Telekurs, or through one of our best-in-class partners – our goal is to work closely with you, your application or middleware provider or one of our authorized redistributors to streamline integration.

Value-added services for effective risk management

The first of its kind in the industry, Security to Entity CrossWalk gives you the ability to accurately assess exposure by linking securities and their issuers with corresponding institutions and related companies around the globe.

Essentially, this unique risk management tool maps security identifiers to the Dun & Bradstreet database of corporate family tree information via D&B D-U-N-S® Numbers. This allows you to identify conflicts of interest relative to holdings, potential holdings or client inter-relationships – effectively controlling your exposure across an entire corporate family for compliance with increased regulatory mandates. Security to Entity CrossWalk builds on the cross-reference dominance of ISIDPlus, and is jointly produced by D&B, Standard & Poor's and Telekurs Financial.



End-to-end solutions... your one source

By providing you with the most comprehensive real-time data available today, or by helping you to use data more efficiently – Telekurs can deliver the right solution for your organization with:

More global securities prices through extensive coverage of all the world's markets

Improved straight-through processing with fully automated access to descriptive and reference information via a structured, encoded and linked data feed

Superior visualization of the full range of Telekurs data... browser-based and at your fingertips, from powerful searches of the VDF data set using our Valordata Browser, to complete desktop integration with Telekurs iD, our "intelligent display" terminal

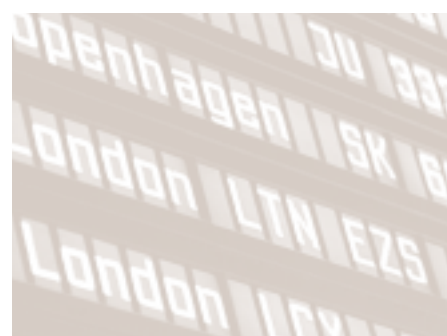
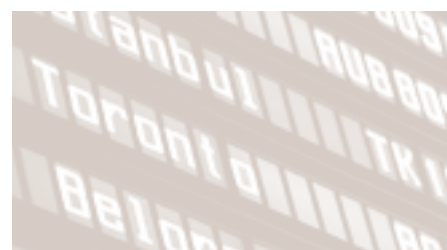
Our end-to-end solutions are designed to meet the needs of a wide variety of organizations and institutions. Over the years, Telekurs data feeds and back office services have supported investment consultants, asset managers, financial analysts, securities processing and settlement firms, brokerage and trading – and more. From implementing one piece of our far-reaching data solutions, to centralizing all the data coming into your organization – Telekurs is ready to support you no matter how broad or specific your needs.

Telekurs... your global data partner

Headquartered in Zurich, Switzerland since 1930, Telekurs is owned by a consortium of banks in Switzerland. Throughout our 75-year history, we have experienced steady growth based on hard work, and a single focus – delivering the most advanced data solutions with a unique combination of quality, depth and breadth of information.

Experience what this single focus can do for you. Let us work with you to develop a solution tailored to meet the individual needs of your organization today.

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