

Morningstar Quotes™

Real-Time Data Feeds and Snapshot Data

Morningstar Quotes™ Data Feed Features

- ▶ **Speed.** Our light-touch technology enables low-latency data.
- ▶ **Accuracy.** We capture every tick from each source and exchange we cover.
- ▶ **Reliability.** We have 20 years of experience providing 24/7 feeds through hands-on operation.
- ▶ **Compelling value.**
- ▶ **Consistent output format across all data feed options,** whether ultra-low-latency or historical snapshots.

For additional information and for a price quote, contact:
quotessales@morningstar.com

+1 (866) 603-4581 (U.S.)

+44 20 7256 3800 (Global)

Real-Time Data on Over Four Million Instruments

Morningstar Quotes™ collects pricing data directly from more than 160 sources around the world, covering all major equity exchanges and indexes, as well as foreign exchange and treasury markets. Coverage also includes futures, options, commodities, and precious metals. We provide pricing data in virtually any format and in a variety of time intervals for a data solution that's customized to your needs.

Real-Time Data Feeds

Streaming feeds provide real-time or delayed data from any of the 160 exchanges we cover.

▶ **Broadcast Feed**

Our broadcast feed provides permanently streaming quotes for securities on any or all of the 160+ exchanges we cover. This feed is designed for applications which are able to process and store large amounts of data. We offer versions tailored for Microsoft Windows, as well as an IP version for use with any operating system or platform.

▶ **Interactive Feed**

This feed allows applications to request and receive pricing data for a pre-selected universe of symbols and fields. The feed can be streaming, or it can deliver snapshot data.

▶ **Ultra-Low-Latency Feeds**

Our ultra-low-latency feeds provide sub-millisecond performance, via direct connections to the exchanges.

▶ **RMDS Adapter**

This is a suite of software components which allows you to integrate data from our Interactive Feed with an RMDS system.

▶ **XML Service**

An XML Service is available for easy integration of modest volumes of snapshot data into web applications.

Snapshot and Historical Data

Files provide data from snapshots taken either throughout the day or at the end of the day. Historical end-of-day and full tick data is also available.

▶ **Daily Snapshot Data**

This option provides point-in-time snapshots of data at any given time or time interval throughout the day, for any of the instruments or exchanges we cover. We can also provide end-of-day pricing data.

▶ **Daily Full-Tick Data**

We offer files containing tick-by-tick trading data on an hourly, daily, weekly or monthly basis. This service is available for any instrument or exchange we cover. This is ideal for customers wanting to create a tick database, but who don't want to manage real-time data from a streaming feed.

▶ **Historical Snapshot and Full-Tick Data**

We can provide historical data at a point-in-time snapshot, or full tick-by-tick data for any range of dates, for any specific instrument or exchange we cover, starting as early as January 2003. We can also provide open, high, low, close, and volume data as far back as 1998.