

Connect to comprehensive data services across the trading lifecycle

ICE provides the data to help surface new insights that lead to innovation. We design, build and operate an integrated network of data solutions to support the lifecycle of a transaction.



Data

Our data solutions cover a broad range of asset classes to help you efficiently tackle research, find insights to inform your investing and/ trading decision-making, and support compliance and risk management needs.



Technology

Efficiently manage data using our high-tech services and integrations. ICE data is delivered securely over a flexible connection so you can seamlessly embed datasets into your firm's workflows.



Expertise

With decades of experience pricing securities, developing analytics and knowledge across asset classes, we provide leading price transparency and execution solutions to the financial markets.



Robust pricing data

Take advantage of comprehensive multi-asset class coverage including evaluated pricing, listed markets pricing, market data and valuations.

- End-of-day evaluations and intra-day Continuous Evaluated Pricing (CEP™) for global fixed income instruments used extensively across asset valuation, risk management, trading, research and compliance
- Independent evaluations for approximately 2.8 million instruments daily representing 150+ countries and more than 70 currencies
- Cross-asset OTC derivatives analytical solutions, market data and valuation capabilities covering rates, credit, FX, equity and commodities
- CDS pricing: 2,500+ Single name curves, Indices, Tranches, Sovereigns & Quantos; End-of-day to every 20-minute curve updates; 1,000+CDS Sector Curves
- Pricing data for equities, fixed income, derivatives, funds, FX, money markets, commodities, and cryptocurrencies from 600+ global sources, including 300+ exchanges. Deep tick historical data going back 10+ years.



Market-leading reference data

Access high-quality reference data on 35+ million financial instruments across a range of asset classes.

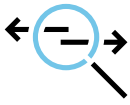
- Extensive security reference database covering fixed income, equities, derivatives and funds
- Detailed terms and conditions data for fixed income securities
- Corporate actions data including mergers, rights offerings, name changes, bankruptcies, dividends, tender offers and redemptions
- Comprehensive business entity information service links our vast security reference database to information for the issuers and their legal hierarchy of ownership
- Specialist research data on 473,000+ entities. Legal Entity Identifiers for 248,000+ entities. Sector classifications on approx. 120,000 entities
- Detailed ESG reference and risk data. Includes an extensive range of attributes and indicators on companies, obligors and municipalities sourced from both company and publicly available third-party sources
- Climate risk, social impact and workforce demographics data for U.S. municipal securities
- Data for products traded and cleared on ICE's global exchanges and clearing houses



Intelligent analytics

Support pre-trade decision-making and post-trade reporting, risk management and regulatory compliance with analytics tools.

- Best Execution service utilizes our live pricing and historical data to help you monitor trading activities, meet regulatory compliance requirements and measure trading effectiveness across fixed income and OTC derivatives. Includes Best Execution Scores and Transaction Cost Analysis
- Multi-asset class Liquidity Indicators Service, providing metrics at security and portfolio level to facilitate trading and risk management activities
- Comprehensive sovereign, issuer and sector bond curves for application across portfolio management, risk, valuation, and research
- A range of regulatory-related services to help support compliance, including MiFID II, support for Form N-PORT, FRTB and ISDA SIMM
- ICE Portfolio Analytics - Bonds enables you to analyze holdings at a single security or portfolio levels. Choose from a library of portfolio management workflow tools for a customized workstation
- ICE Portfolio Analytics - Derivatives supports pre-trade price discovery and decision support tools, RFQ, STP deal capture, trade repository, scenario analysis, risk management reports and valuations



Integrated index solutions

Enhance your investment process with our multi-asset class index services and custom index solutions.

- ICE is an index provider with 50+ years' experience providing high quality solutions
- Spanning all major asset classes globally, including 6,000+ fixed income, equity, currency and commodity indices
- Fixed income index offering includes 5,000+ standard indices tracking more than \$77 trillion in debt spanning the global bond markets, with debt represented across 43 currencies
- The first real-time publication of indices tracking the broad fixed income market providing a view of market performance throughout the day
- A range of fixed income sustainability indices that account for ESG factors (in addition to other criteria), and the Global Carbon Futures Index which serves as the benchmark for the global price of carbon
- Thematic and sector equity indices supported by our broad U.S. market index coverage
- Commodities indices tracking production weighted baskets of the most liquid commodity futures contracts
- Robust customization capabilities and self-indexing raw materials to maintain indices tailored to particular investment strategies

Access & Delivery | A range of delivery options to suit your workflow



Consolidated market data feeds

Power trading applications and desktops, across the front, middle and back office with cost-efficient, low-latency data feeds.

- The ICE Consolidated Feed aggregates content from 600+ sources in a normalized format
- Customizable access and integration options for data distribution across the enterprise
- Capable of supporting industry grade, bulk data delivery implementations on dedicated infrastructure and zero-footprint on-demand access via the cloud
- Integration with Refinitiv's Real-Time Distribution System, with DACS permissioning capabilities and 24-hour global support



Deep tick historical data via the cloud

Complement access to streaming data with deep historical data from ICE DataVault.

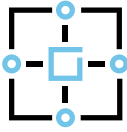
- A comprehensive cloud accessible archive of historical tick data captured from the ICE Consolidated Feed
- Access each trade and quote from global exchanges, OTC brokers, and proprietary data sets, with history spanning 10+ years
- Access data for all instruments of a specific market with broad field coverage or leverage watchlist files to filter specific instruments in your portfolio across markets
- Download & schedule the delivery of files to suit your business processes. Daily access is available to a week of history direct from the repository



Desktop trading, messaging and analytics

Easy access to execution, messaging and analytics tools designed specifically to match diverse workflow requirements.

- Access to ICE proprietary data as well as prices from global exchanges, third-party news, advanced charting and analysis
- A robust chat application that can be customized to support your compliance requirements
- Intelligent API solutions to help you find efficiencies by automating the delivery of information
- Advanced options valuation, analytics and risk management application that supports the latest and most complex options trading strategies



API solutions

Intraday access to fixed income pricing, on-demand analytics, reference data and more with the ICE Data API.

- Feed applications such as trading systems, auto bidders, market monitors and other front office tools
- Access fixed income data and analytics based on ICE evaluated pricing* and reference data or your own data sources
- Use bid prices or trades to calculate BestEx and TCA scores
- Additional data sets can be onboarded with minimal technology development

*Provided in the U.S. through ICE Data Pricing & Reference Data, LLC and internationally through ICE Data Services entities in Europe and Asia Pacific

Connectivity | Access to key liquidity venues around the globe, including proprietary and third-party content, in a safe, efficient manner



- Access to 150+ global markets including proprietary data from ICE exchanges and the New York Stock Exchange
- Two geographically diverse backbones designed for resiliency and low latency
- Uses private line connectivity to securely route orders to liquidity venues globally
- Scalable colocation opportunities designed to enhance data delivery and order routing, including hardware procurement and managed services offering
- Ultra-low latency wireless routes which offer a significant latency advantage over fiber networks
- Access to data from Amazon Web Services, Microsoft Azure, Google Compute, and Alibaba Clouds, amongst others, through ICE Global Network's Cloud Connect.



For more information: ice.com/data.

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