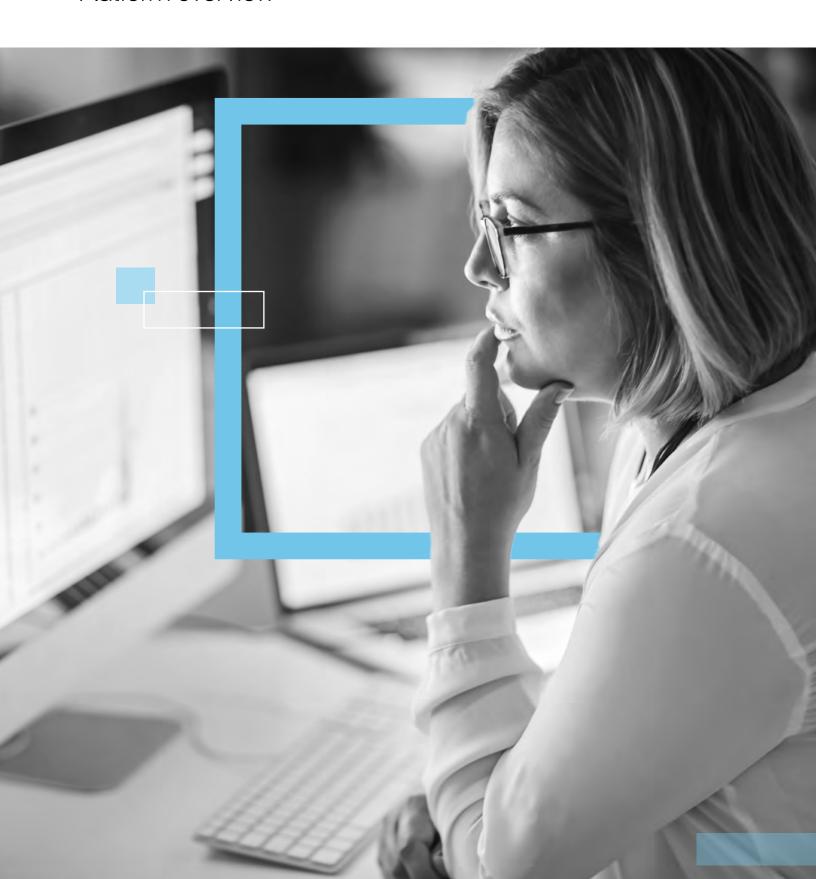
ICE Connect



Platform overview



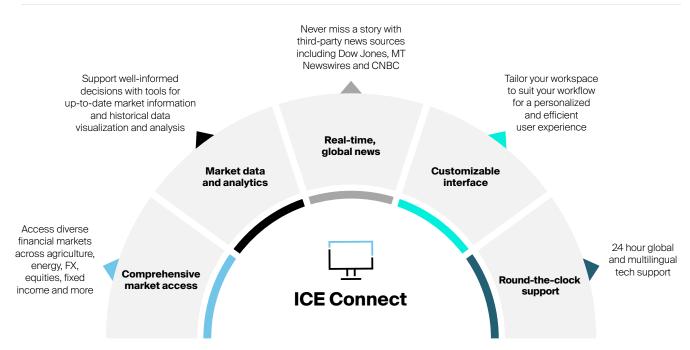


ICE Connect

A platform built for financial markets. Driven by financial markets.

ICE Connect brings together access to cutting-edge trading tools with live cross-asset data, global news, and analytics all on one platform.

Whatever your role, ICE Connect can be customized based on various asset classes and workflows, allowing you to access the data, analytics and capabilities you need without the clutter and expense of what you don't.







Workflow customizations

Access trading and analytic tools

Connect to comprehensive tools designed to help spot opportunities, finetune strategy, and effectively manage price and currency risk across multiple-asset classes

Risk

Power your risk management with industry-leading continuous or end-of-day (EOD) evaluations and real-time listed markets pricing

Treasury

Streamline your processes with access to cross-asset market data to help support your cash management functions

Wealth advisory

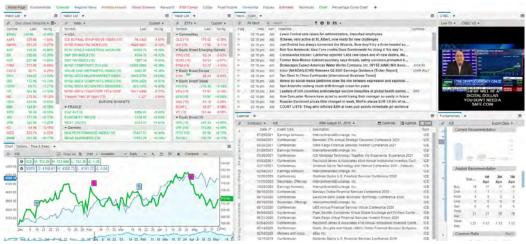
Access client portfolio data alongside global market data, news and tools to analyze securities and holdings

Asset servicing, middle and back-office

Seamless access via one integrated web-based interface to ICE's evaluations, exchange pricing, fundamental data, news and analytics

Operational support

Cost effective and flexible delivery of content and capabilities designed to fit the needs of internal operations and support teams



ICE Connect - Wealth desktop

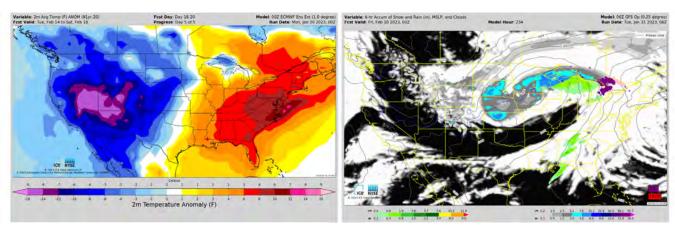


ICE Connect - Asset servicing desktop

^{*}Screenshots are display examples but not exhaustive of the ICE Connect platform.



Global weather coverage



ICE Connect - Weather map

200+ weather forecast fields including Gas Weighted Degree Days, snow, wind, solar, soil moisture, liquid precipitation, temperatures, humidity, pressure and more

Global coverage: 1,000+ global locations and 6,000+ locations ready to add upon request

Pre-calculated climatology for trailing 10, 15 and 30 years as well as the official 30-year models

Markets covered



Oil



Gas and power



Energy transition



Agriculture



Equities



Fixed income



Futures and options



Funds



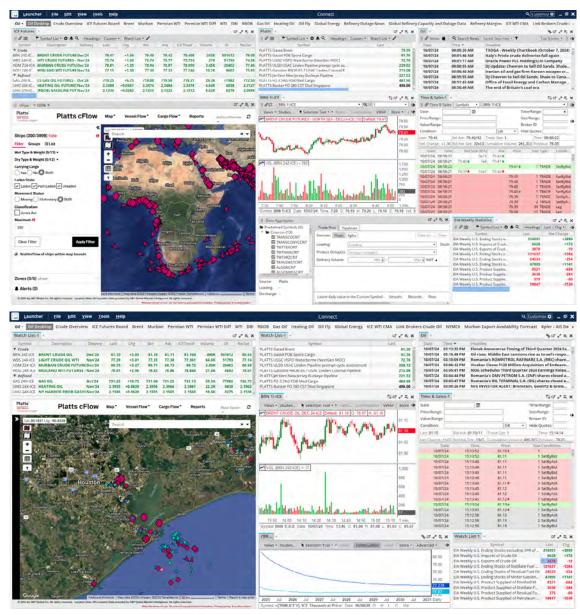
Indices



ICE Connect | oil

Navigate the complexities of the oil market with access to 600+ global oil products and coverage across 180+ exchanges daily using ICE Connect Oil Desktop, powered by S&P Global Commodity Insights.

- Price discovery across global crude and refined product markets through ICE Futures market data other exchanges and third-party market assessors
- Comprehensive view of supply and demand by market and product, including global refinery capacity and outages, future
 refinery expansion, and U.S. storage and import forecasts through Platts World Refinery Database and Oil Inventory and
 global cargo movements on water through cFlow and Kpler vessel tracking
- Industry news and government statistics, including EIA, JODI, PJK, IEA, OPEC, API and more



ICE Connect - Oil desktop, powered by S&P Global Commodity Insights

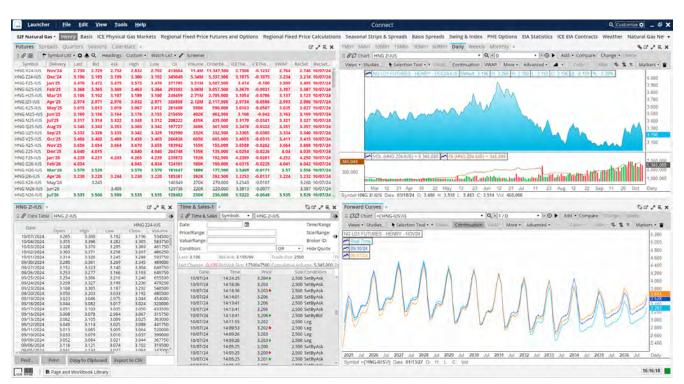
^{*}Screenshots are display examples but not exhaustive of the ICE Connect platform.



ICE Connect | gas and power

Stay ahead of the evolving dynamics in the natural gas and power markets with access to global exchange data from ICE Futures markets, as well as 180+ third-party exchanges.

- Proprietary weather forecast, power and gas demand data, including Heating Degree Day, Cooling Degree Day, and Gas
 Weighted Degree Day for thousands of locations and regions
- Price discovery data and real-time market fundamentals, including pipeline flows, global gas movements and countryspecific gas inventories
- Data from Dow Jones Energy News, MT Newswires Pro, Argus Gas and Power News, Argus Energy Transition News, U.S.
 Nat Gas Storage Survey (The Desk), Rig Data (Baker Hughes), JODI Supply Demand Data, EIA/DOE, CFTC Data, and ICE Data Services Daily FX Rates



ICE Connect - Natural gas desktop

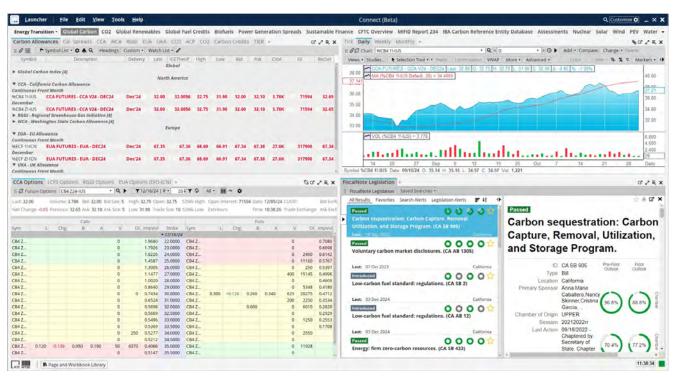
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ICE Connect | energy transition

Get real-time ICE exchange pricing for renewable fuels, carbon sustainable finance data, and carbon allowances/credits data.

- Real-time ICE Futures prices
- ICE theoretical pricing, power generation spreads and integrated weather mapping
- Access to 180+ external exchanges and seamless data transfer with the designated ICE XL, an add-in for Excel
- ICE Carbon Reference Entity Data Service (ICE CRED) for standardized, aggregated, and validated reference data for the carbon credit market
- Global carbon data, including CCA, RGGI, EUA and UKA futures/options, regulatory data and climate data with ESG and green bond indices, California Carbon Offset futures, ICE Global Carbon Index Futures and primary auction data
- Renewable coverage: U.S. Compliance and voluntary REC/SREC futures, and guarantees of origin assessment pricing
- Global fuel coverage, including US RINs, CA LCFS futures, and Global Biofuel futures
- Industry leading Forex data, government and agency data, FiscalNote legislation tracking, multiple Pricing Reporting Agencies' Energy Transition/Environmental Social, Governance assessments and data, Argus' Energy Transition news, and Hydrogen and Air Daily publications
- ICE Fundamental Data, including Rhine Rates PEGEL, Magellan, Abu Dhabi National Oil Company, GIE and FRED
- FX and Refinery Margin Calculators



ICE Connect - Energy transition desktop

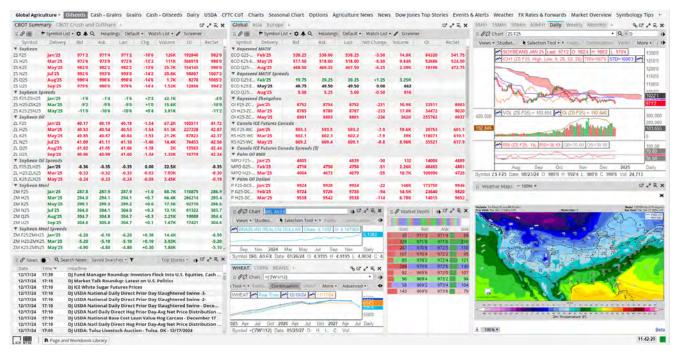
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ICE Connect | agriculture

Gain insights into products such as meals, grains, wheat, oilseeds, and vegetable oils. Explore the interplay of supply and demand forces influenced by different variables.

- Integrated supply and demand data from diverse sources such as World Agriculture Supply and Demand Estimates and Foreign Agricultural Service, along with proprietary weather data for estimating crop supply
- Latest ags news: Dow Jones Commodities Service, MT Newswires Pro, Dataminr, and IHS Markit Agri News
- Live data: USDA Statistics, IHS Markit Agri PDF Reports, CFTC Data, WASDE Supply Demand Data and Commodity Cash Pricing
- ICE proprietary data and content: ICE Softs Fundamental Data, ICE Theoretical Pricing, ICE Weather Data, ICE Weather Maps, ICE Data Services Daily FX Rates, ICE Connect General Content (EZTP) and more



ICE Connect - Agriculture desktop

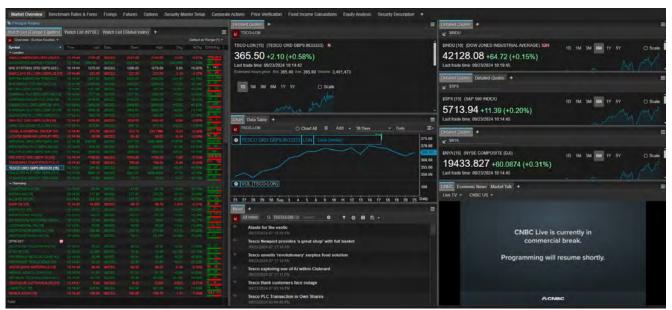
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ICE Connect | equities

Leverage robust real-time, delayed and EOD global equity L1 and L2 coverage and associated fundamentals, corporate actions and functionality.

- Intraday, daily, or trade level tick data with a comprehensive set of charting, data table, and excel capabilities
- Extensive associated fundamentals, corporate actions, and market insights to help inform decision-making
- Intuitive functionality tailored to wealth management needs, enhancing research, portfolio tracking, and market analysis



ICE Connect - Equities desktop

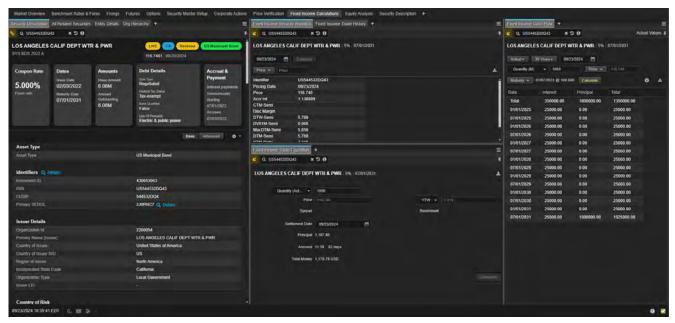
 $^{{}^\}star \! \mathsf{Screenshots}$ are display examples but not exhaustive of the ICE Connect platform.



ICE Connect | fixed income

View comprehensive terms and conditions and corporate actions data, evaluated and listed market pricing and fixed income calculators.

- Access ICE's high quality fixed income evaluations, both End-of-Day and Continuous Evaluated Pricing (CEP) across
 ~2.5 million securities
- Transparency into fixed income evaluations, including ICE Liquidity Indicators
- Comprehensive fixed income Security Master covering ~6.2 million live securities
- Perform single security fixed income calculations, such as accrued interest, price/yield, DV01, and durations



ICE Connect - Fixed income desktop

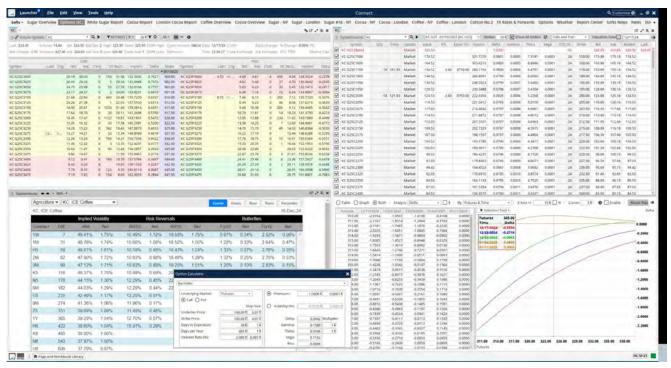
^{*}Screenshots are display examples but not exhaustive of the ICE Connect platform.



ICE Connect | futures and options

Connect to the deep liquidity and transparency of multiple futures and options markets.

- Real-time data from 180+ global derivative exchanges, including ICE Futures Exchanges, to visualize forward curves, seasonality, unit of measure conversion and FX exposure
- Key reference data across all strategies and tenors for seamless scalability of your derivative data needs
- Manage volatility with risk analysis, strategy back testing and price modeling tools in dedicated options modules



ICE Connect - Options desktop

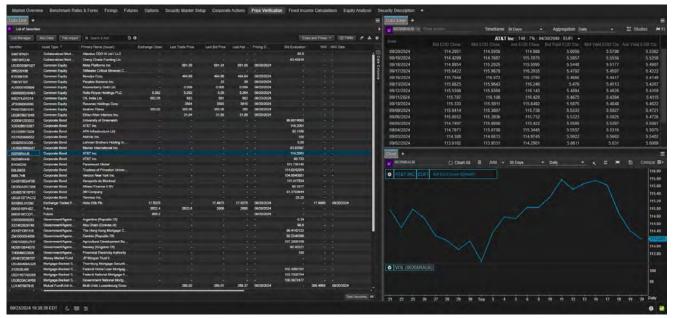
^{*}Screenshots are display examples but not exhaustive of the ICE Connect platform.



ICE Connect | funds

Access pricing and reference data for mutual funds and ETFs across North America and Europe.

- Comprehensive pricing data for thousands of mutual funds and ETFs for quality and timely valuations to help inform investment decisions
- Extensive performance metrics and analytics tools, including historical returns, risk assessments, and fee structures to aid portfolio management
- In-depth research reports and insights on fund managers and strategies to help inform investment decisions



ICE Connect - Funds desktop

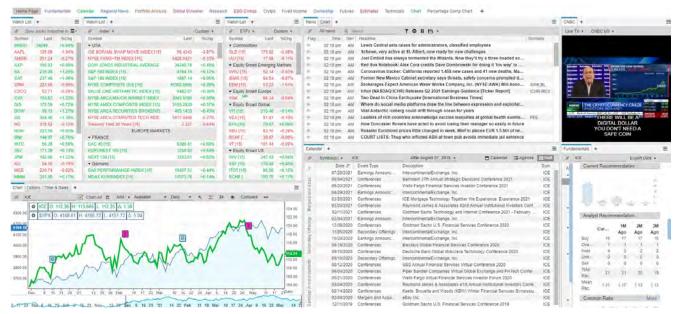
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ICE Connect | indices

Connect to a broad portfolio of proprietary and key third-party indices.

- A diverse range of indices across multiple asset classes, including equities, fixed income, and commodities, to support diverse investment strategies
- Advanced analytics tools for in-depth index performance analysis, benchmarking, and comparison against market trends
- Benefit from the proprietary ICE Data Indices, offering global, multi-asset class indices for comprehensive coverage and insights



ICE Connect - Indices desktop

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Advanced capabilities

Proprietary and third-party data integration

- Securely integrate your data into ICE Connect to leverage its suite of visualization tools for comprehensive analysis and insights
- Set up and manage permissions for both new and existing datasets and connections, whether by individual users or groups of users, for precise control and secure access at every level
- Every client receives a private and secure instance of ICE Connect. Your data is not transferred to or stored on ICE servers

Python integration

- Access specific data via Python for quotes, time series and time and sales
- Access historical aggregated bar data with intervals as granular as 1-minute
- Real-time, delayed and T+1 historical data available across various asset classes and exchanges

ICE XL, an add-in for Excel

- Benefit from intuitive, flexible and powerful data visualization with dynamic worksheets
- Access historical data, time and sales, forward curve builder, options analytics and market depth

ICE Chat integration

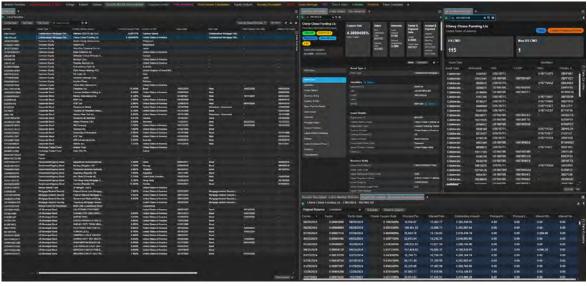
- Seamlessly integrate your broker bids/offers from ICE Chat into ICE Connect's charting, watch lists and time and sales widgets
- View real-time and historical chat data alongside exchange data
- Includes integration with ICE Connect's ICE XL, an add-in for Excel

Widget library

- Seamlessly integrate financial data into your platform, website or applications and portals
- Deliver financial information to your end users while reducing your development overhead
- Plug and play widgets built using the latest web standards – watchlist, charting, detailed quotes

Web-based access

- View company fundamental data, real-time market data and news in a lightweight solution
- Access across multiple browsers and devices, with no download or installation updates required
- Maximize your screen usage with a user-friendly customizable interface, create workspaces and layouts to suit your specific workflow requirements



ICE Connect - Web-based access

^{*}Screenshots are display examples but not exhaustive of the ICE Connect platform.



Patented and streamlined workflows

- Patented workflows and interactivity with ICE Connect Maps and geospatial data overlays
- Business Intelligence (BI) query patents allowing for sophisticated data queries within traditional and accessible desktop workflows
- Patented unique overlays of weather data and the impact of live pricing
- Bespoke FX conversion engine to manage FX exposure at any point in time or for forward markets







ICE Connect - My Chart

 $^{{}^\}star \! \mathsf{Screenshots}$ are display examples but not exhaustive of the ICE Connect platform.

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