

ICE Connect – Data integration

ICE Connect now offers a solution designed to simplify the way you manage and securely access proprietary and third-party data in an integrated interface environment.

This UI-driven, self-serve onboarding solution can help you break down data silos and reduce the inefficient repetitive tasks involved in validating different data sources.

You can benefit from:

- **Data integration:** create connections for both file systems and databases, encompassing traditional on-premise databases as well as modern cloud-based solutions.
- **Simplified access:** combine any connected dataset alongside your existing ICE data subscriptions for efficient and insightful analysis within ICE Desktop applications.
- **Quality control:** maintain and manage datasets without altering the original source content or location.
- **Powerful analytics:** tailor your historical data aggregations to create bespoke time series datasets that are designed to meet your unique workflow requirements.
- **Flexible permissioning:** 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.
- **Reporting and insights:** leverage the built-in reporting tool to gain insight on data usage and cut down on unnecessary third-party licenses.

Experience the power of seamless data integration with ICE Connect. Effortlessly make your proprietary and third-party data available within our advanced desktop applications alongside licensed ICE data for comprehensive analysis and insights

Flexible and scalable data solution

- Onboard new connections and datasets by following a detailed, step-by-step user interface wizard designed to guide you through each phase of the process with ease and clarity.
- Maintain and manage datasets without altering the original source content or location.
- Access data when you need it, from real-time insights to comprehensive historical records.
- Tailor your historical data aggregations to create bespoke time series datasets, designed to meet your unique workflow requirements.

ICE product family

- Combine any connected dataset with your Excel spreadsheets, visualization widgets or algorithms, alongside your existing ICE Connect subscriptions for ICE Exchange data for seamless and insightful analysis.
- Elevate your trading and market analysis with our cutting-edge suite of visualization tools available from our advanced Desktop applications.

Cost benefits

- Minimize the need to switch between different Business Intelligence (BI) and visualization tools, data integration and analysis occur within a single platform.
- Leverage the built-in reporting tool to gain insight on data usage and efficiently cut down on unnecessary third-party licenses.

Dataset integrity and security

- Every client receives a private and secure instance of ICE Connect.
- Your data is not transferred to or stored on ICE servers.

Customizable user access

- Set up and manage permissions for both new and existing datasets and connections, whether by individual users or by groups of users, for precise control and secure access at every level.

Multiple data connections support

- Create connections for both file systems and databases, encompassing traditional on-premise databases as well as modern cloud-based solutions.
- Built-in support for data connections, such as: Excel files, Oracle, Snowflake, CSV files, JSONs, MySQL, MS Azure, S3 Bucket, PostgreSQL and many more.
- Additional or bespoke data connections can be added upon request.

The screenshot displays the ICE Connect user interface. On the left, the 'Add Dataset' dialog is open, showing connection configuration options like 'Connection Name', 'Source Type', 'Location', and 'Update Frequency'. Below the dialog is a 'Preview' table of datasets.

Identifier	Calls	Bid	Color	Ask
ICE_CO	OICE 18L40.00021	38.3	Red	38.9
IBM_CO	OICE 18L40.00021	35.7	Blue	36.3
AAPL_CO	OICE 18L45.00021	33.4	Green	33.4
BAC_CO	OICE 18L47.00021	30.9	30.9	30.9
CATL_CO	OICE 18L50.00021	28.4	28.4	28.4
CLCO	OICE 18L55.00021	23.4	23.4	23.8
EMR_CO	OICE 18L60.00021	18.4	18.4	18.8
FDO_CO	OICE 18L65.00021	13.4	13.4	13.8
GE_CO	OICE 18L67.00021	10.9	10.9	11.3
GM_CO	OICE 18L70.00021	8.4	8.4	8.7

The 'My Watchlist' table shows a list of 'NATURAL GAS' contracts with columns for Symbol, Description, Last, Chg, Bid, Ask, and various broker bid/ask prices.

Symbol	Description	Last	Chg	Bid	Ask	My Broker Bid1	My Broker Ask1	My Broker Bid2	My Broker Ask2
NG U24	NATURAL GAS FUT...	2.587	+0.036	2.585	2.587			2.181	2.155
NG X24	NATURAL GAS	2.808	+0.017	2.808	2.809				
NG Z24	NATURAL GAS	3.234	+0.004	3.234	3.235			3.137	3.138
NG F25	NATURAL GAS	3.511	+0.006	3.510	3.512	3.386	3.506		
NG G25	NATURAL GAS	3.389	+0.009	3.388	3.391		3.297		
NG H25	NATURAL GAS	3.088	+0.016	3.085	3.087				2.978
NG J25	NATURAL GAS	2.946	+0.020	2.946	2.948		2.849		
NG K25	NATURAL GAS	2.980	+0.020	2.979	2.982				
NG M25	NATURAL GAS	3.108	+0.019	3.108	3.111				
NG N25	NATURAL GAS	3.256	+0.022	3.254	3.258				
NG Q25	NATURAL GAS	3.279	+0.022	3.279	3.282			3.2	3.32
NG U25	NATURAL GAS	3.259	+0.023	3.259	3.262				3.164
NG V25	NATURAL GAS	3.336	+0.021	3.336	3.338				3.206
NG X25	NATURAL GAS	3.577	+0.020	3.577	3.579		3.505		
NG Z25	NATURAL GAS	3.942	+0.013	3.942	3.946				
NG F26	NATURAL GAS	4.161	+0.009	4.161	4.155			4.3	
NG G26	NATURAL GAS	3.954	+0.006	3.955	3.959				3.956
NG H26	NATURAL GAS	3.481	+0.015	3.482	3.484			3.522	
NG J26	NATURAL GAS	3.168	+0.015	3.175	3.180		3.11		3.09
NG K26	NATURAL GAS	3.195	+0.018	3.200	3.207				
NG M26	NATURAL GAS	3.325	+0.025	3.320	3.328	3.239	3.399		
NG N26	NATURAL GAS	3.454	+0.018	3.453	3.463				
NG Q26	NATURAL GAS	3.483	+0.019	3.480	3.492				

The 'My Chart' section shows a candlestick chart for 'BNN 11-ICE' with a volume indicator below it. The chart displays price movement from September 2024 to June 2025.

Frequently asked questions

Who will have access to my data?

Only users within your enterprise who have been granted view access will be able to see the newly onboarded datasets, if permitted under your data licensing agreement with ICE Data or any other third-party vendors.

Will my data remain within my own warehousing operations?

Yes, with ICE Connect, ICE will be able to authenticate its visualization tools to various external data storage, and then structure and expose that data to client applications, enabling users to integrate with our existing workflows without client data hitting ICE servers.

Is there a maximum number of datasets that can be onboarded?

No; however, each plan has a different threshold for data flow support.

Can I export data using ICE Connect?

ICE Connect's data integration capability enables users to visualize datasets within the ICE platforms. Once the data is available via ICE Connect, tools such as ICE XL and ICE Python are available to retrieve data.



For more information: ice.com

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