

Version	Date
eSignal 12.16	April 2021

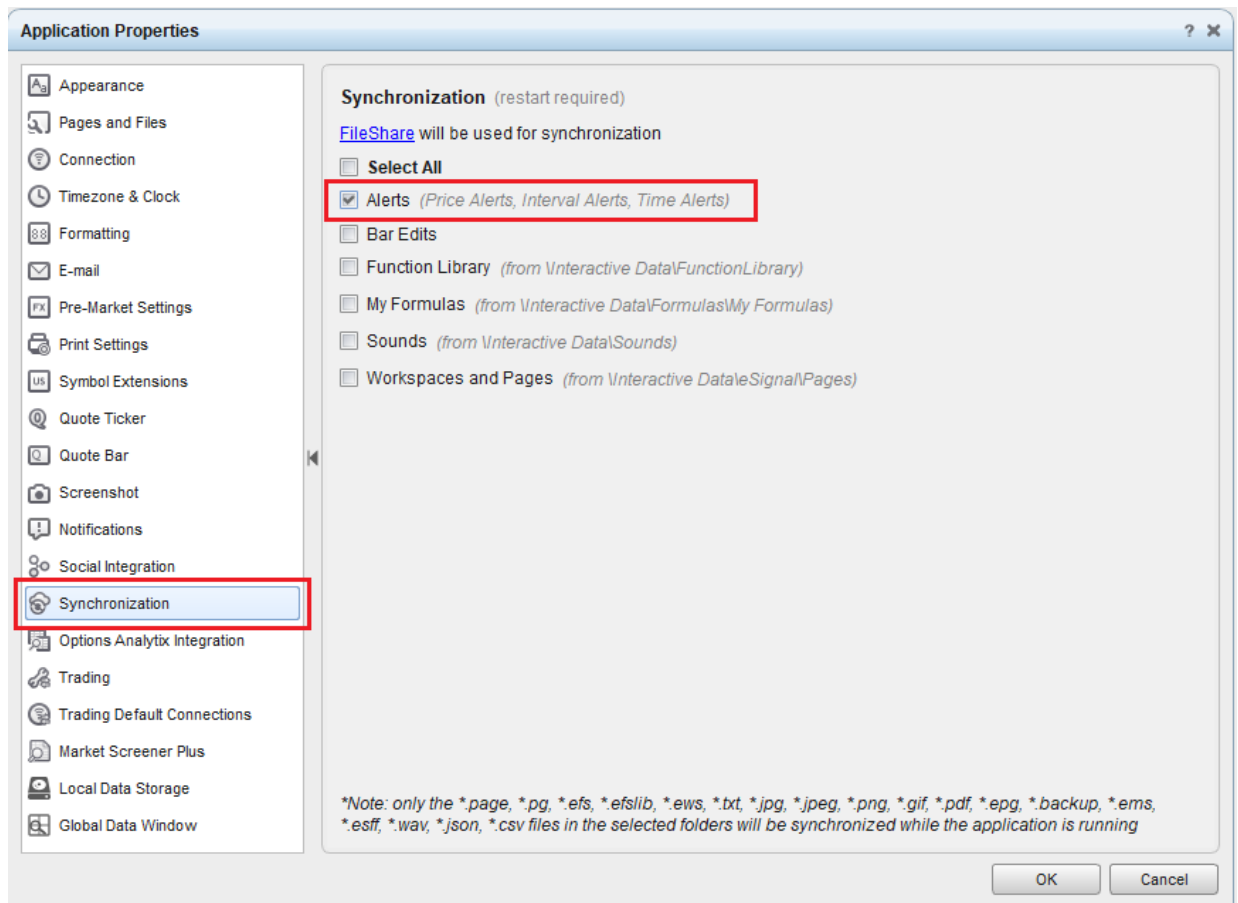
eSignal 12.16 introduces several new features and enhancements for active traders and investors. Below is a summary of the new features, enhancements and important bug fixes. For more detailed information about any of these features please visit the [eSignal KnowledgeBase](http://kb.esignal.com) (kb.esignal.com).

New Features and major enhancements

The following list highlights new features and major enhancements introduced in eSignal 12.16

Alerts

- **Added option to Synchronize Alerts**
Starting with 12.16, Price, Interval and Time Alerts can be synchronized using FileShare.

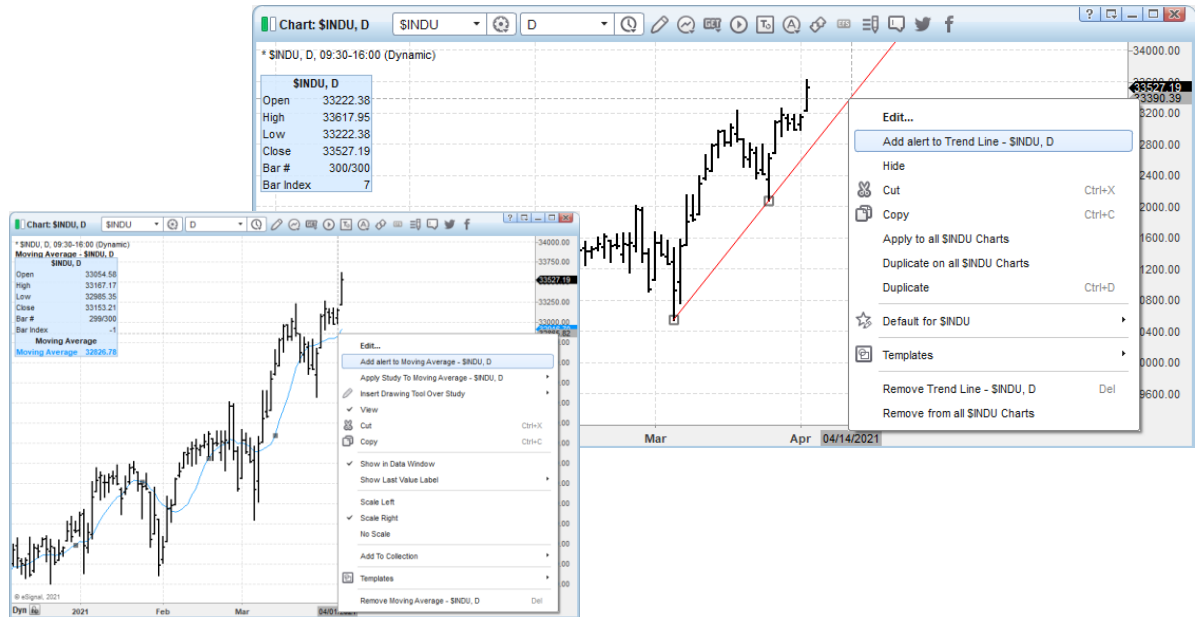


The synchronization process - which has also been enhanced overall for better performance - occurs twice in each application session. Once at the beginning prior to launching the application's mainframe - thereby ensuring that all the items and in particular all the alerts are updated and ready to be triggered right from the start - and once at the end of the session to make sure that all the items are saved for subsequent synchronizations between computers.

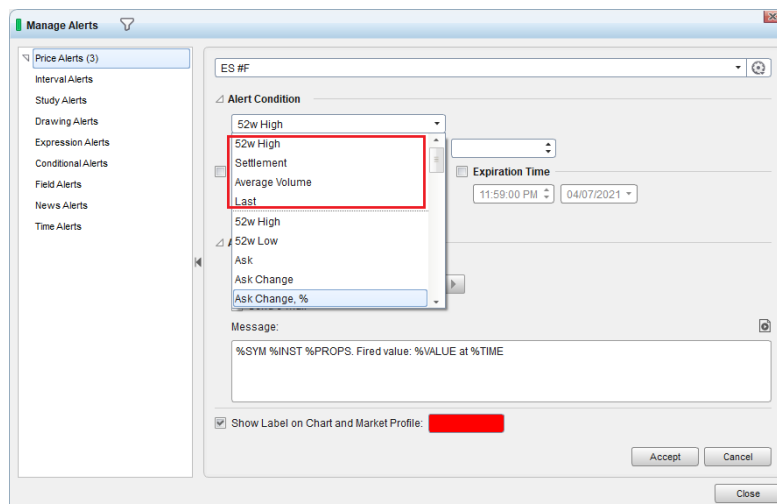
Note that all other types of alerts (such as those related to studies, drawings, etc) are saved as part of Pages and are therefore already being synchronized when selecting the Workspaces and Pages option.

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- Added option to directly add Alerts to Studies and Drawings**
 Users can now add an Alert to a Study or a Drawing directly from the context menus of these objects.



- Added Most Recently Used fields to Alert Condition dropdown box**
 The Alert Condition dropdown box will now display the last four selected fields at the top of the list.



- Alert settings are now saved between sessions**
 The most recently selected Alert settings - such as the Condition, Action, etc. - will now persist between application sessions.
- Alerts are now sorted dynamically**
 In the Manage Alerts dialog sorting now occurs dynamically as the values of the sorted field are updated in real time.

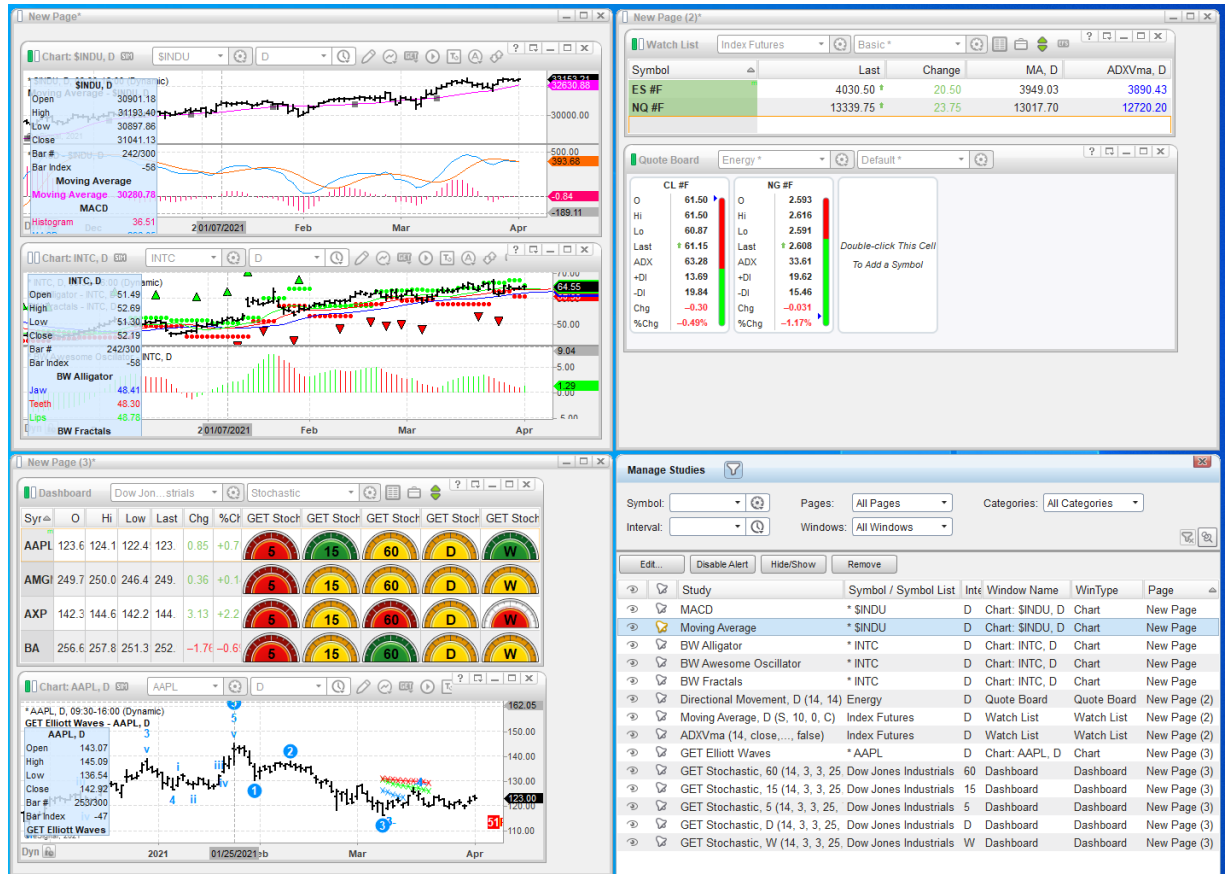
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Shell

- **Manage Studies**

In 12.16 we have centralized the management of all studies – regardless of which window or page they are running in - into a single global dialog called Manage Studies which is available under the Tools menu.

The following screenshot illustrates how the Manage Studies dialog (bottom right) is displaying all the studies running in multiple different types of windows located in three separate pages.



Studies can be filtered using the Filter Properties panel and sorted using any one of the available columns.

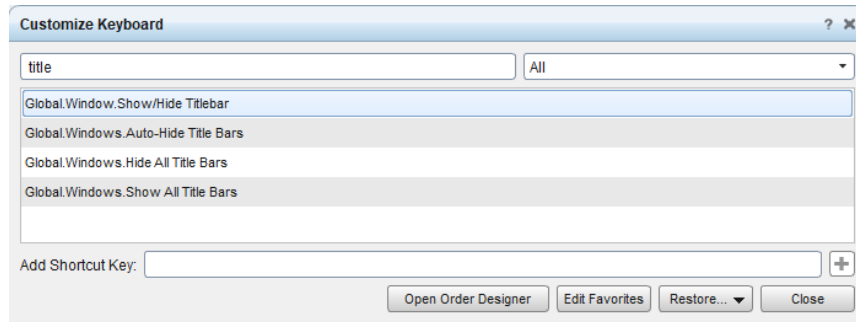
From this dialog users can select any one or more of the studies and enable or disable their alerts, set them to show or hide in their respective windows or remove them from the windows in which they are running.

Double clicking on any one study will navigate the user to the page in which the study is running, select the window and open the corresponding Properties dialog.

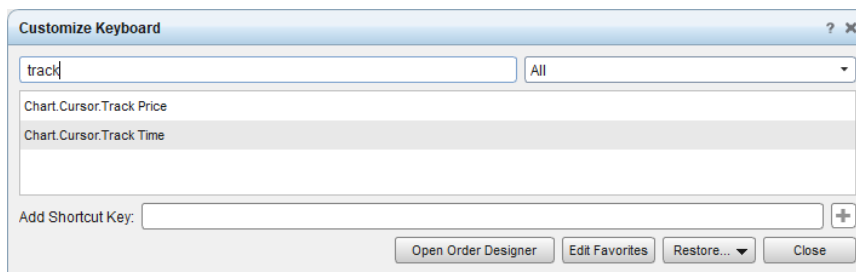
Together with the global Manage Alerts introduced in 12.11 and the global Manage Drawings introduced in 12.15 this enhancement now offers exceptional flexibility in the use of the application.

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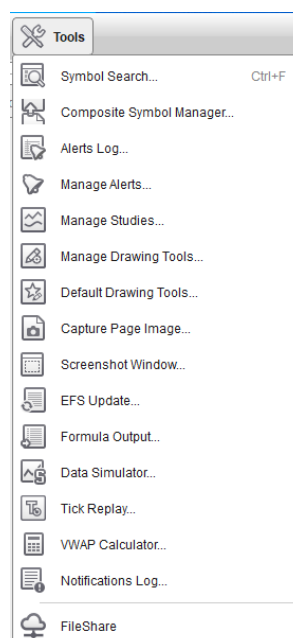
- Replaced Global Window Hide Titlebar command with Global Window Show/Hide Titlebar**
 With this change users can now show or hide – using a toolbar button or hotkey - the titlebar of an individual window depending on whether it is hidden or displayed. In prior versions users could only hide an individual titlebar.



- Added Track Time and Track Price commands**
 With this change users can now enable or disable - using a toolbar button or hotkey – the Track Time and Track Price cursor functionality.



- Revised the Tools menu**
 Given the various new tools that have been added in the last few releases we have revised the Tools menu so as to offer a more logical and task-centric layout.



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Option Chain

- Added Expiration Dates in the filter**
 The Options Chain filter now displays all the Expirations grouped by Month and Date. Additionally it indicates the type of option (Weekly, etc) for that date.

Symbol	Last	Change	Strike	Symbol	Last	Change	Bid	Ask	Vol*
O.AAPL 21D160.00D16	0.01	0.00	160.00	O.AAPL 21P160.00D16	37.03	0.18	29.75	29.90	0
O.AAPL 21D165.00D16	0.01	0.00	165.00	O.AAPL 21P165.00D16	39.70	-4.20	34.75	34.90	0
O.AAPL 21D170.00D16	0.01	0.00	170.00	O.AAPL 21P170.00D16	44.75	0.89	39.75	39.90	0
O.AAPL 21D175.00D16	0.01	0.00	175.00	O.AAPL 21P175.00D16	54.39	-0.70	44.80	44.90	0
O.AAPL 21D180.00D16	0.01	0.00	180.00	O.AAPL 21P180.00D16	56.69	-2.65	49.80	49.90	0
O.AAPL 21D185.00D16	0.01	0.00	185.00	O.AAPL 21P185.00D16	63.81	0.58	54.80	54.90	0
O.AAPL 21D190.00D16	0.01	0.00	190.00	O.AAPL 21P190.00D16	68.25	-1.95	59.75	59.90	0
O.AAPL 21D195.00D16	0.01	0.00	195.00	O.AAPL 21P195.00D16	69.00	-6.15	64.75	64.90	0
O.AAPL 21D200.00D16	0.01	0.00	200.00	O.AAPL 21P200.00D16	79.65	-1.70	69.70	69.95	0
O.AAPL 21D210.00D16	0.01	0.00	210.00	O.AAPL 21P210.00D16	86.40	-3.60	79.80	79.90	0
O.AAPL 21D225.00D16	0.01	0.00	225.00	O.AAPL 21P225.00D16	105.15	1.10	94.70	94.90	0
O.AAPL 21D250.00D16	0.01	0.00	250.00	O.AAPL 21P250.00D16	130.30	5.80	119.70	119.90	0
O.AAPL 21D60.00D30			60.00	O.AAPL 21P60.00D30	0.02	0.00		0.01	0
O.AAPL 21D65.00D30			65.00	O.AAPL 21P65.00D30	0.03	0.00		0.02	0
O.AAPL 21D70.00D30	51.70	2.65	70.00	O.AAPL 21P70.00D30	0.02	-0.01		0.02	0
O.AAPL 21D75.00D30	45.20	-3.40	75.00	O.AAPL 21P75.00D30	0.03	0.02	0.01	0.03	12
O.AAPL 21D80.00D30	49.54	2.19	80.00	O.AAPL 21P80.00D30	0.03	0.00	0.01	0.04	11
O.AAPL 21D85.00D30	38.25	0.18	85.00	O.AAPL 21P85.00D30	0.03	-0.01	0.02	0.04	97
O.AAPL 21D90.00D30	39.80	2.05	90.00	O.AAPL 21P90.00D30	0.05	0.00	0.04	0.06	223
O.AAPL 21D95.00D30	25.30	-1.37	95.00	O.AAPL 21P95.00D30	0.08	-0.01	0.07	0.09	25
O.AAPL 21D100.00D30	30.45	2.70	100.00	O.AAPL 21P100.00D30	0.11	-0.02	0.11	0.12	88
O.AAPL 21D105.00D30	21.46	-0.09	105.00	O.AAPL 21P105.00D30	0.18	-0.03	0.16	0.18	72
O.AAPL 21D106.00D30	21.39	1.69	106.00	O.AAPL 21P106.00D30	0.18	-0.04	0.17	0.19	23
O.AAPL 21D107.00D30	16.27	-0.28	107.00	O.AAPL 21P107.00D30	0.20	-0.06	0.19	0.20	34

Detailed Quotes

- Added High/Low Highlight**
 In 12.16 we have added the High/Low Highlight options to the Direction settings.

Detailed Quotes Properties

Direction: Use separate positive and negative change colors

No Change:

Positive Change:

Negative Change:

High/Low Highlight

Transparency: 50

Intraday: 52-Week:

Positive Change:

Negative Change:

Display:

Detailed Quotes: DEO

DIAGEO ADR EA REPR 4 ORD GBX28.935185 (NYSE: DEO)

175.04 ↑ 5.38 (+3.17%)

Trade Time: 01:37:31 PM 04/08/2021

300 bars, D

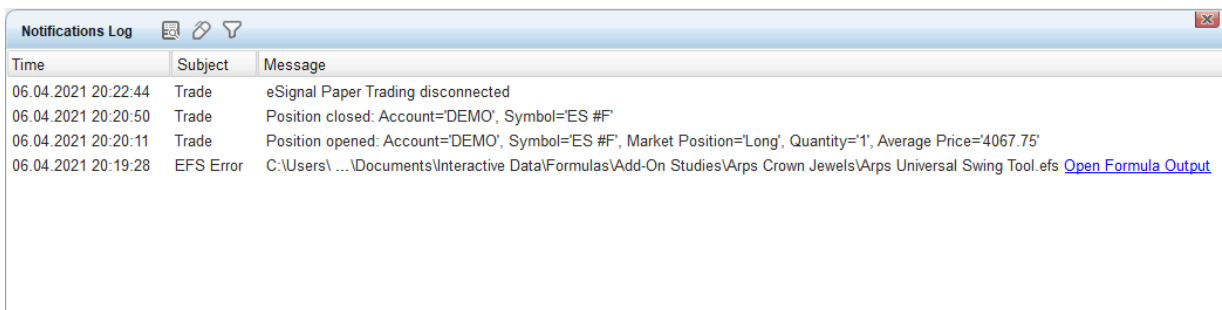
Bid	175.04
Ask	175.20
Open	174.69
High	175.40
Low	173.91
Last	175.04
Change	5.38
Security Type	Stock
Shares Outstanding	584M
Market Capitalization	102B
P/E Ratio	68.67
EPS	2.549

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Logs

- Added Notifications Log**

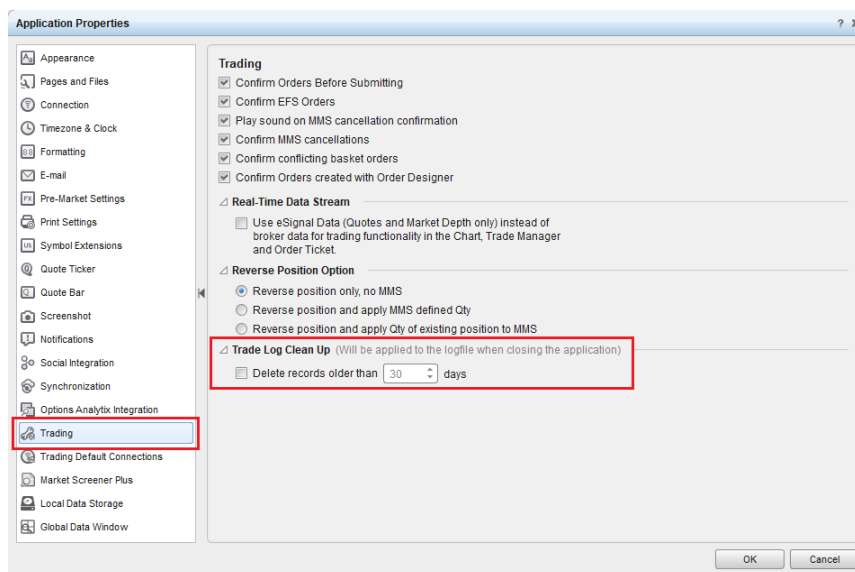
In 12.16 we have added a new log called Notifications Log which is available in the Tools menu.



This log replicates within a single dialog all of the individual Pop-up notifications that occur during a session thus allowing for an easy review of these notifications. The Notifications Log can be filtered by Time Range or Text and is fully searchable. The log is cleared at the end of each session. Note that Alert notifications are not replicated here as they have their own log.

- Enhanced Trade Log**

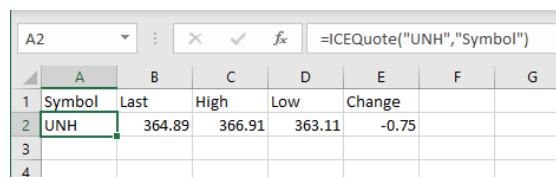
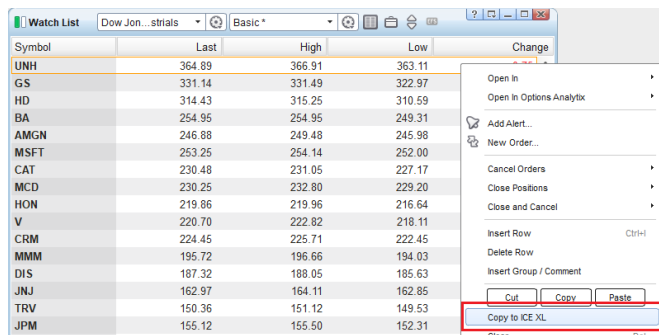
In 12.16 we have optimized the overall performance of the Trade Log. Furthermore, we have added a new option in Application Properties->Trading that allows to clean out events older than a user-defined number of days.



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Miscellanea

- **Replaced functionality for QLink with ICE XL**
 In 12.16 we have replaced the functionality that allows copying the contents of a Watch List or Dashboard to QLink with the same functionality for ICE XL.



Other Enhancements and Fixes

- Updated Options Analytix.
- Updated Gain Futures plugin to new API.
- Updated Rithmic plugin to new API.
- Enhanced the overall performance and security of FileShare.
- Added an option In Application Properties to show or hide (when disabled) notifications about low physical memory. Note that the option is enabled by default.
- Fixed an issue in the Chart with the Unchanged color setting whereby it was not applied to the Price Scale label.
- Other minor enhancements and fixes.