

REFINITIV WORKSPACE FOR FX TRADING QUICK USER GUIDE



LSEG

REFINITIVTM



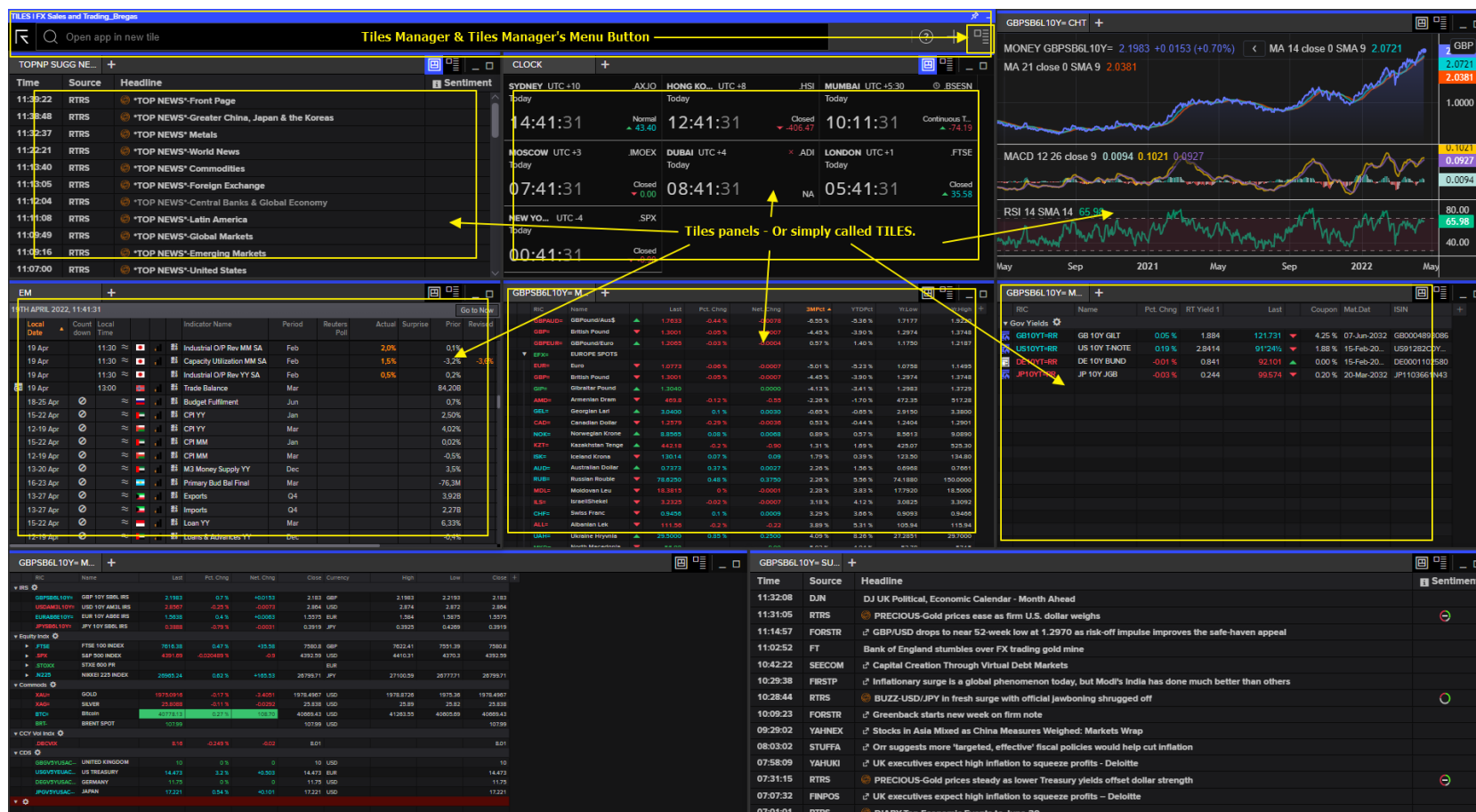
**Helpdesk & Support:
001 803 852 9164**

**Workspace download (available for Windows and macOS) and Web Access link:
<https://workspace.refinitiv.com/>**

IMPORTANT – FIRST TIME LOGIN TO REFINITIV WORKSPACE

Refinitiv Workspace offers a more simplified approach to how user arrange their desktop using “Tiles” and this “Tiles” will shown when users logged in for the first time.

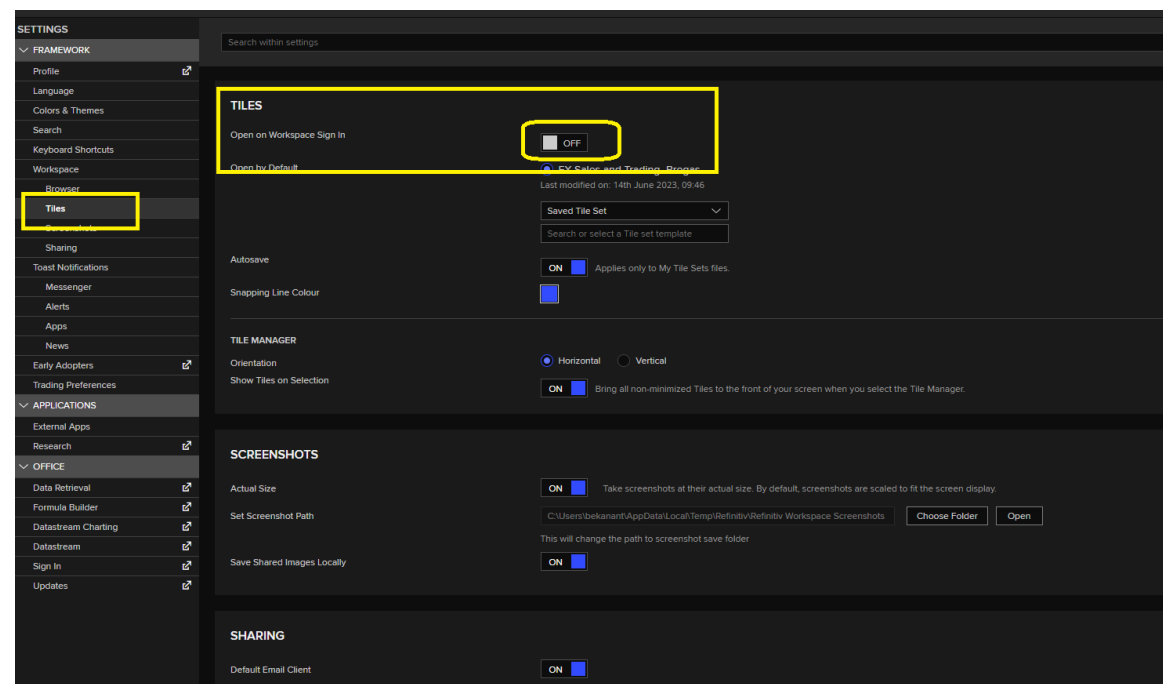
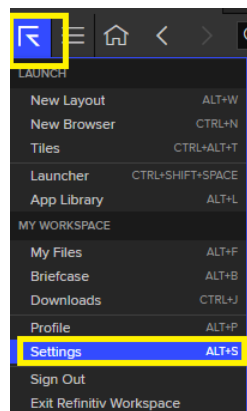
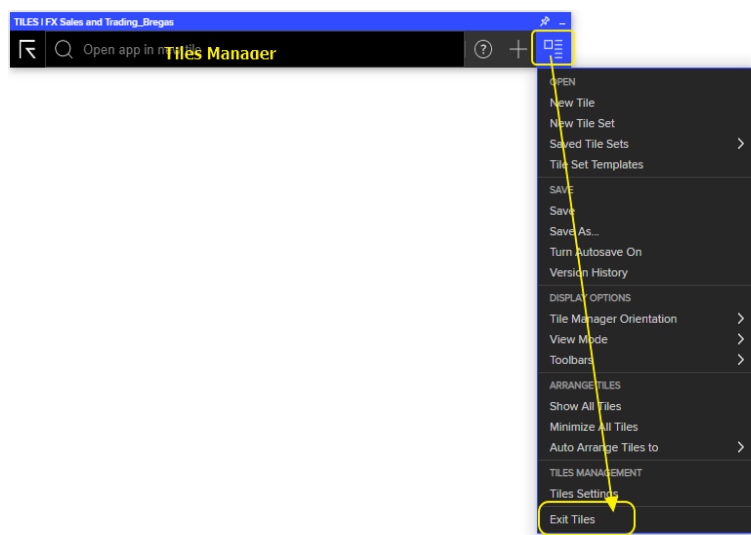
This “Tiles” layout might not be suitable for all users, and users can choose to exits this and choose not to open automatically when login.



IMPORTANT – FIRST TIME LOGIN TO REFINITIV WORKSPACE

To disable or Exit the tiles' view and go to the Workspace browser's view, user can do the following steps:

1. Locate tile manager and click on the tile manager's setting menu, then click on Exit Tiles
2. On Workspace Browser view, click on the profile button and choose settings. Then choose Desktop, then go to tiles section and set to auto open to OFF

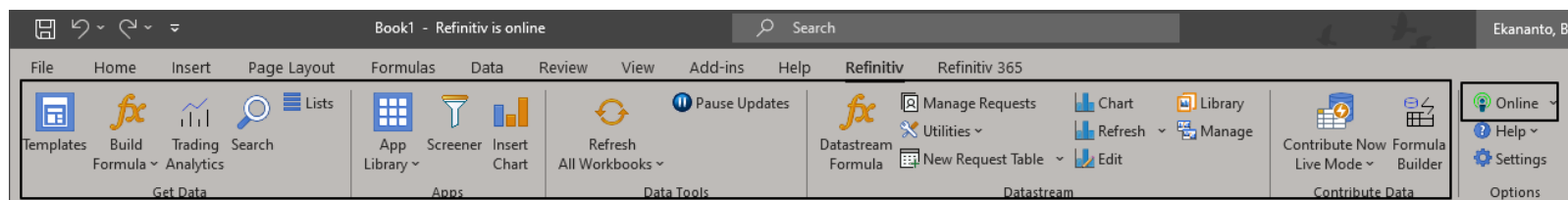
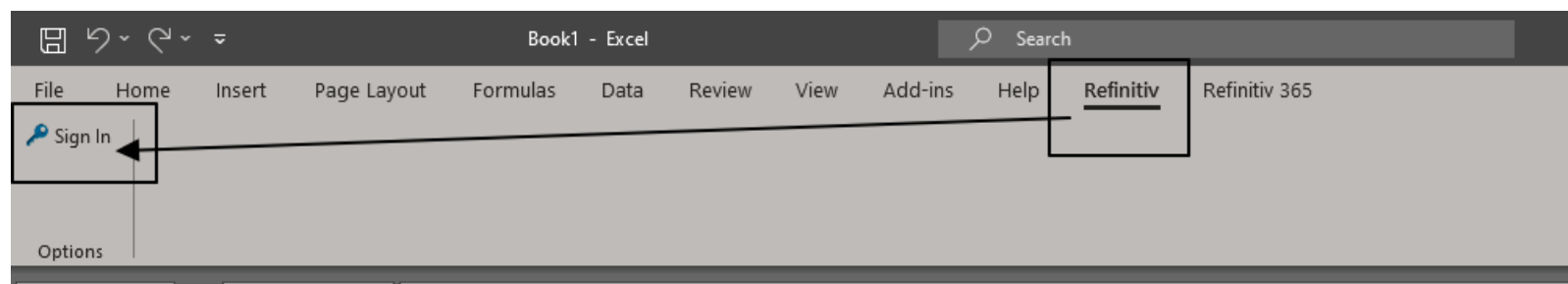
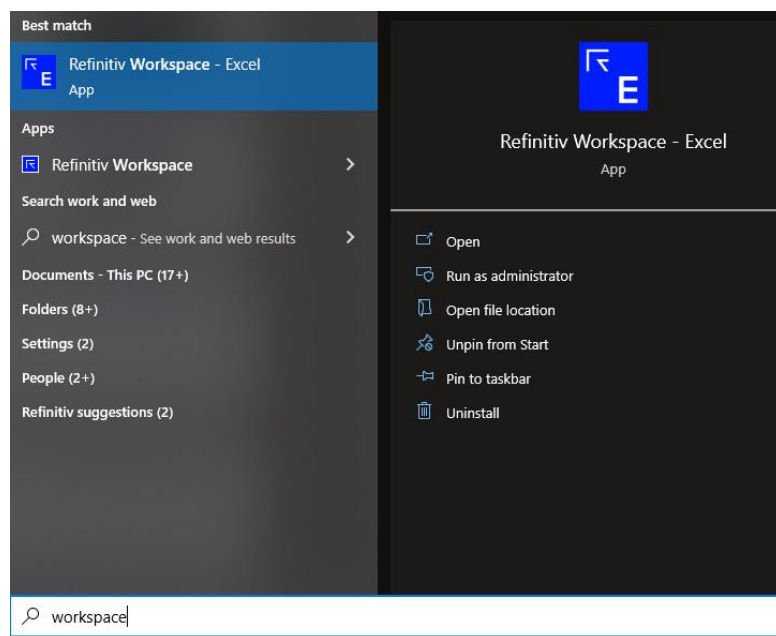


IMPORTANT – FIRST TIME STARTING REFINITIV WORKSPACE EXCEL

Refinitiv Workspace offers full integration to Microsoft Excel, like Eikon previously.

Before open your spreadsheet in Workspace Excel, users must initiate Workspace Excel add-ins first by following this steps:

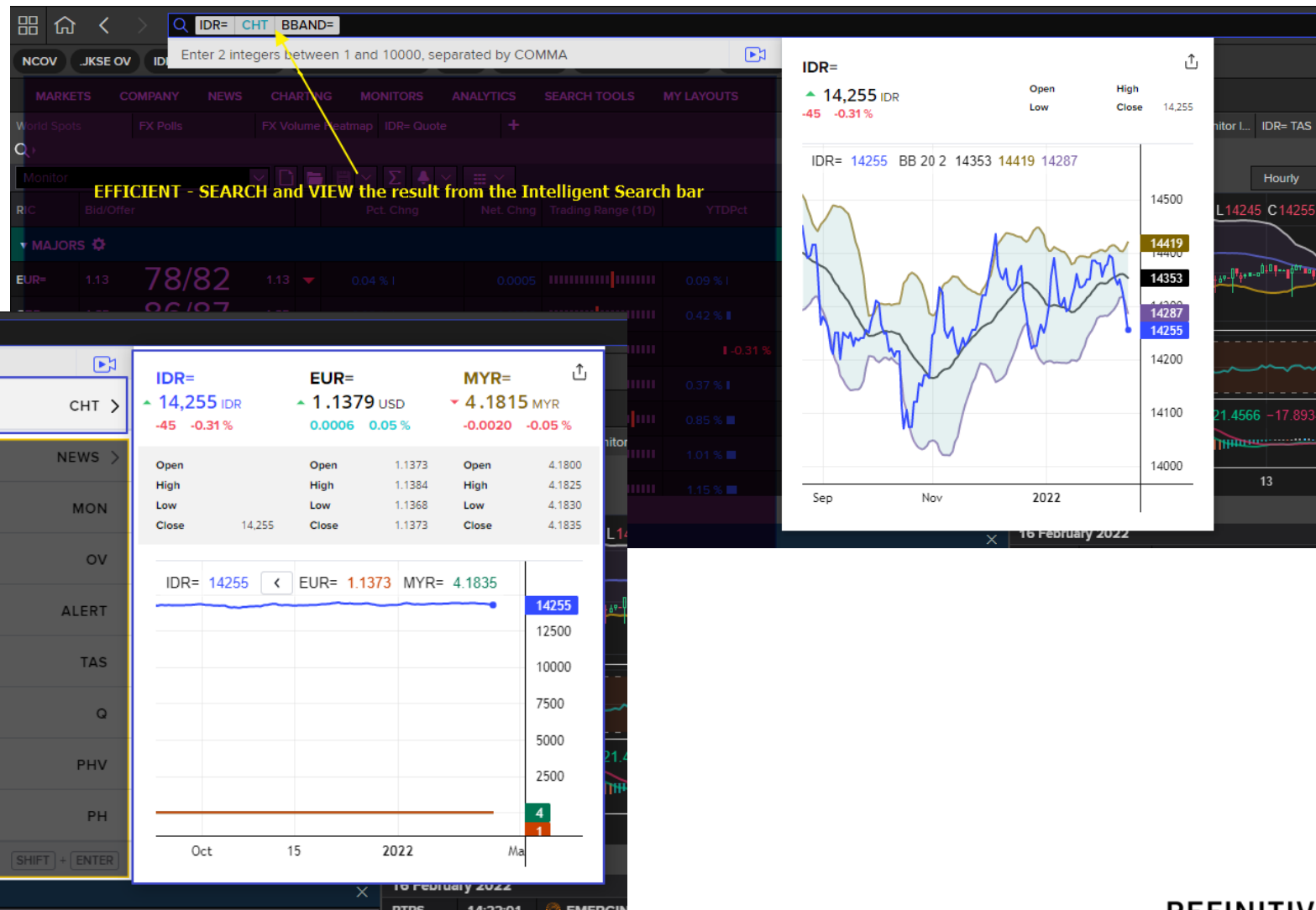
1. Open Refinitiv Workspace Excel application from windows start menu.
2. Go to Refinitiv Add-ins tab on Excel, then click on the "sign in" button.
3. Once fully activated, users can start open their spreadsheet or create a new one.



Workspace Intelligent Search

Get instant and detailed information from the search bar.

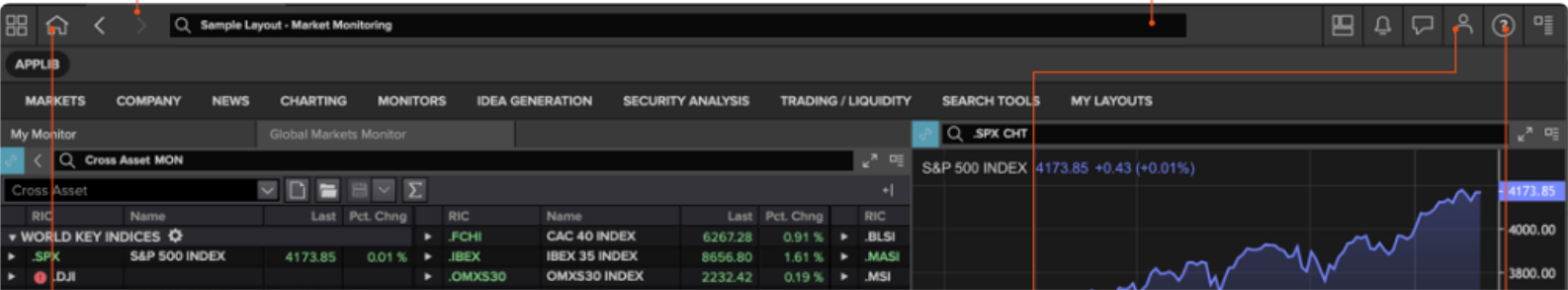
No longer needs to get into specific app before you can view specific data.



Workspace Browser – All Features is an Integral part

The browser Everything is contained in a single window. The forward and back buttons work like any standard browser (desktop only).

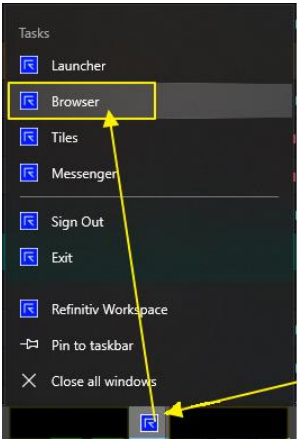
Search bar Use natural language or codes to search for apps and data.



Return to home page
Your default home page is tailored to your job role.

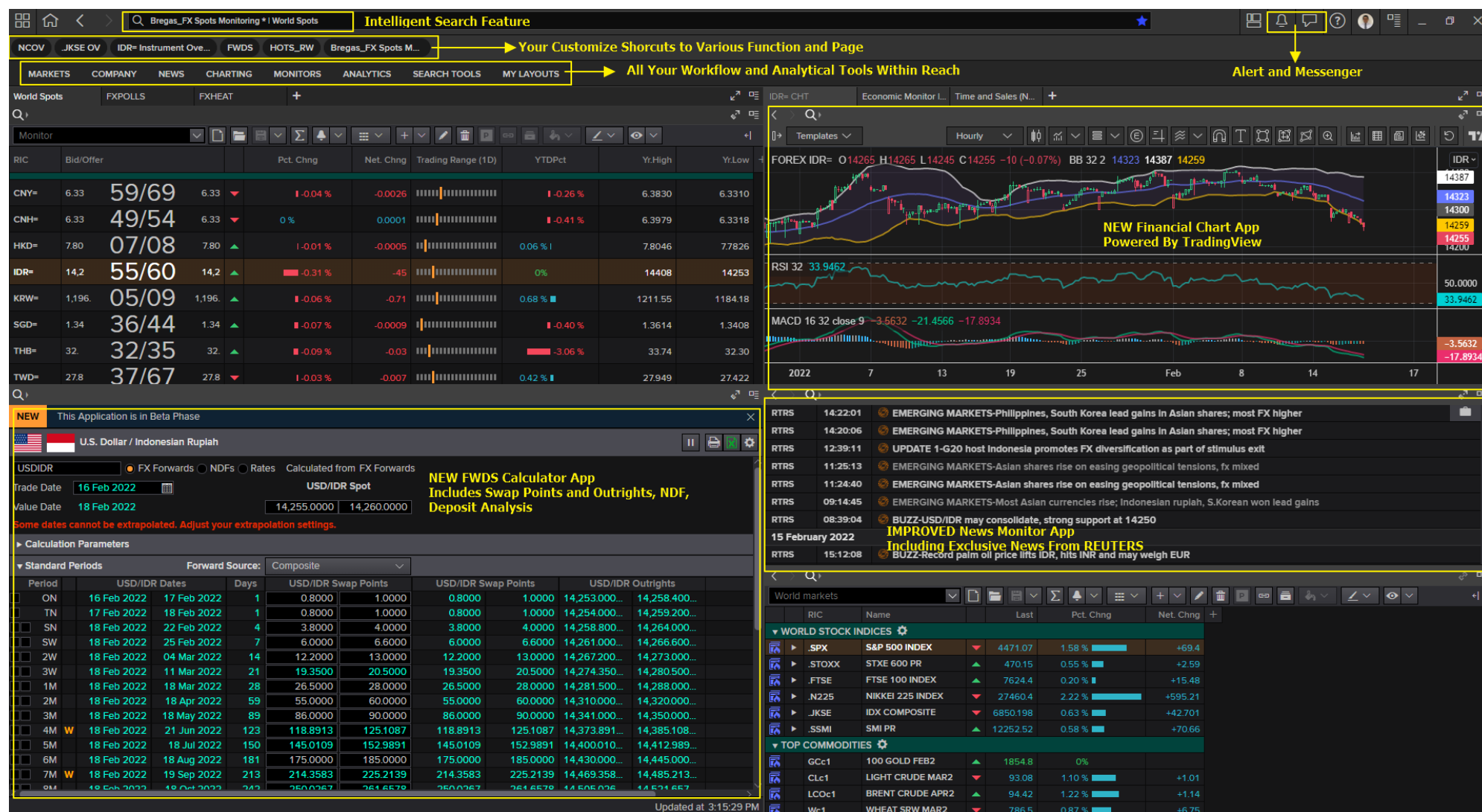
User menu Change your Workspace settings and edit your profile.

Help Get support and find training materials.



Right Click on Workspce Icon in Windows Taskbar to Open New Browser Window

Workflow Solutions for FX Trading Using Workspace Browser



Workspace Menu Structure

MARKETS COMPANY NEWS CHARTING PORTFOLIOS & MONITORS SEARCH TOOLS MY LAYOUTS

Search Bar: Type in any keywords or combinations of keywords here just like regular browsing.

App Library: Shows all available tools that arranged by its functions. For an example: charting tools, news tools, monitoring tools, etc

HOME. User can set an exisiting layout (or Dashboard) as their HOME. Anytime this button is pressed, it will show those layout

Save Layout as...
Enter a name for Layout
Dashboard
☐ Set as home page
Save Cancel

Create Layout
Select one of the configurations below

1 Panel	1 Panel with 2 Tabs	1 Panel with 4 Tabs
2 Panels	4 Panels	6 Panels

Recent Layouts
Today
ReW_1

Import Saved Layout

Open Saved Layout
Open Layout Sample

Tiles is an alternative way to display informations or dashboard.

Messenger Functions: For communications and collaborations

Never miss market events. User can setup alerts based on specific customized parameters

User profiles and settings

Help and Support

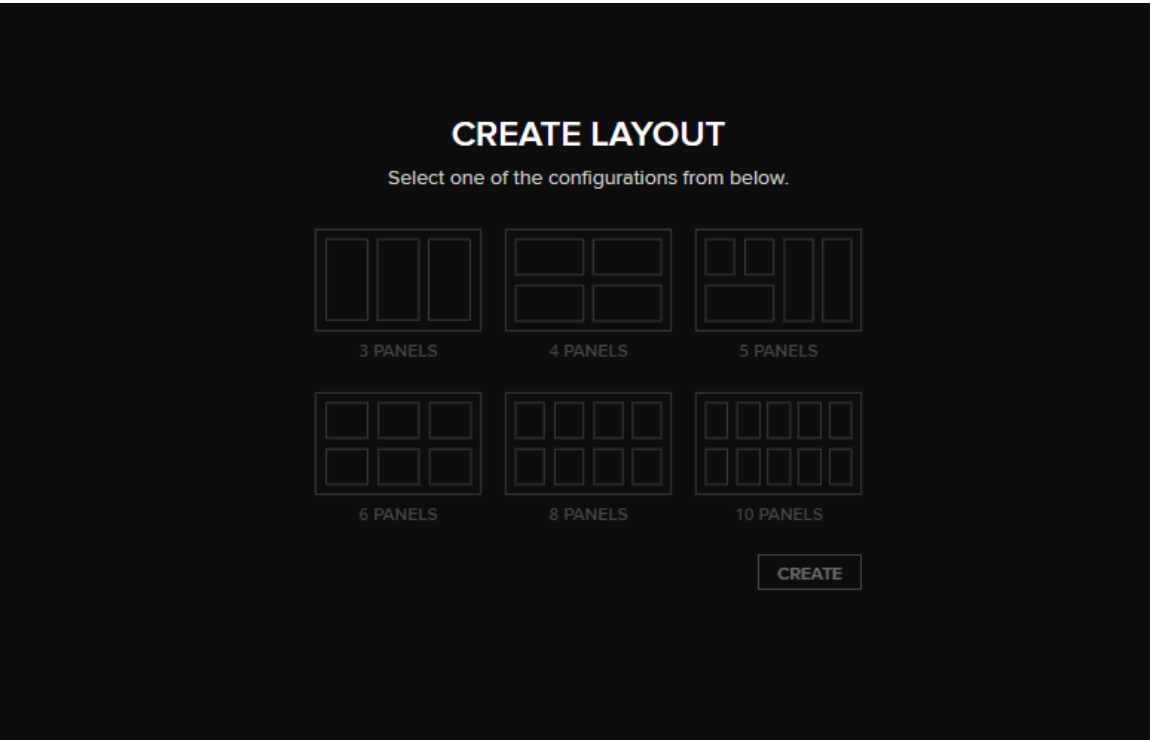
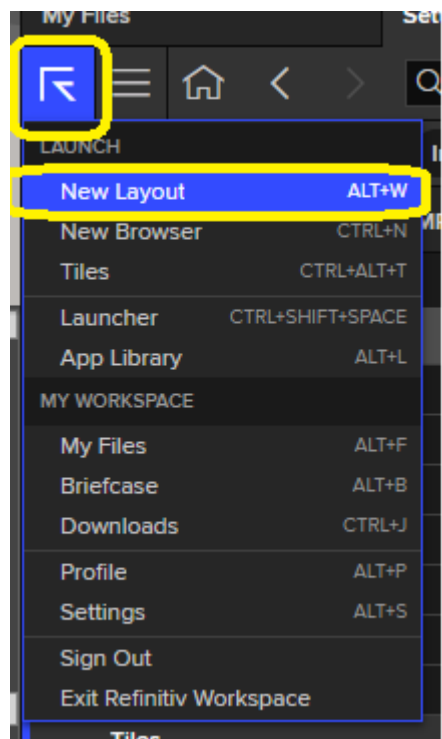
Basic windows functions such as share, print or add new sheet to the layout can be found here

Get Support
Upload Logs
Configuration Manager
Send Feedback
About Refinitiv Workspace
Show Welcome Screen

Show Bookmarks Bar
Share
Add Sheet
View
Print

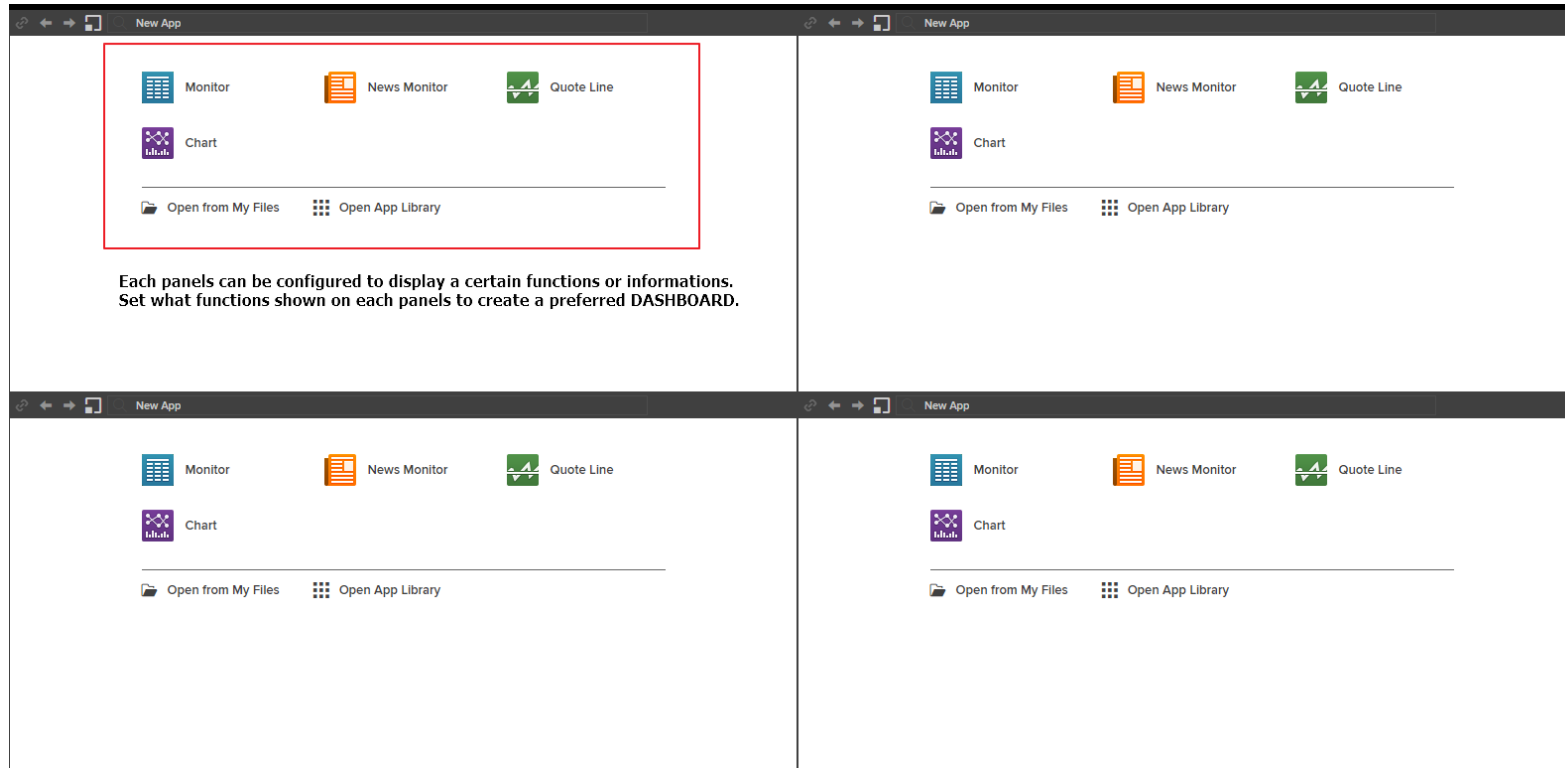
Workspace Layout

Design Your Own Dashboard



Workspace Layout

Design Your Own Dashboard



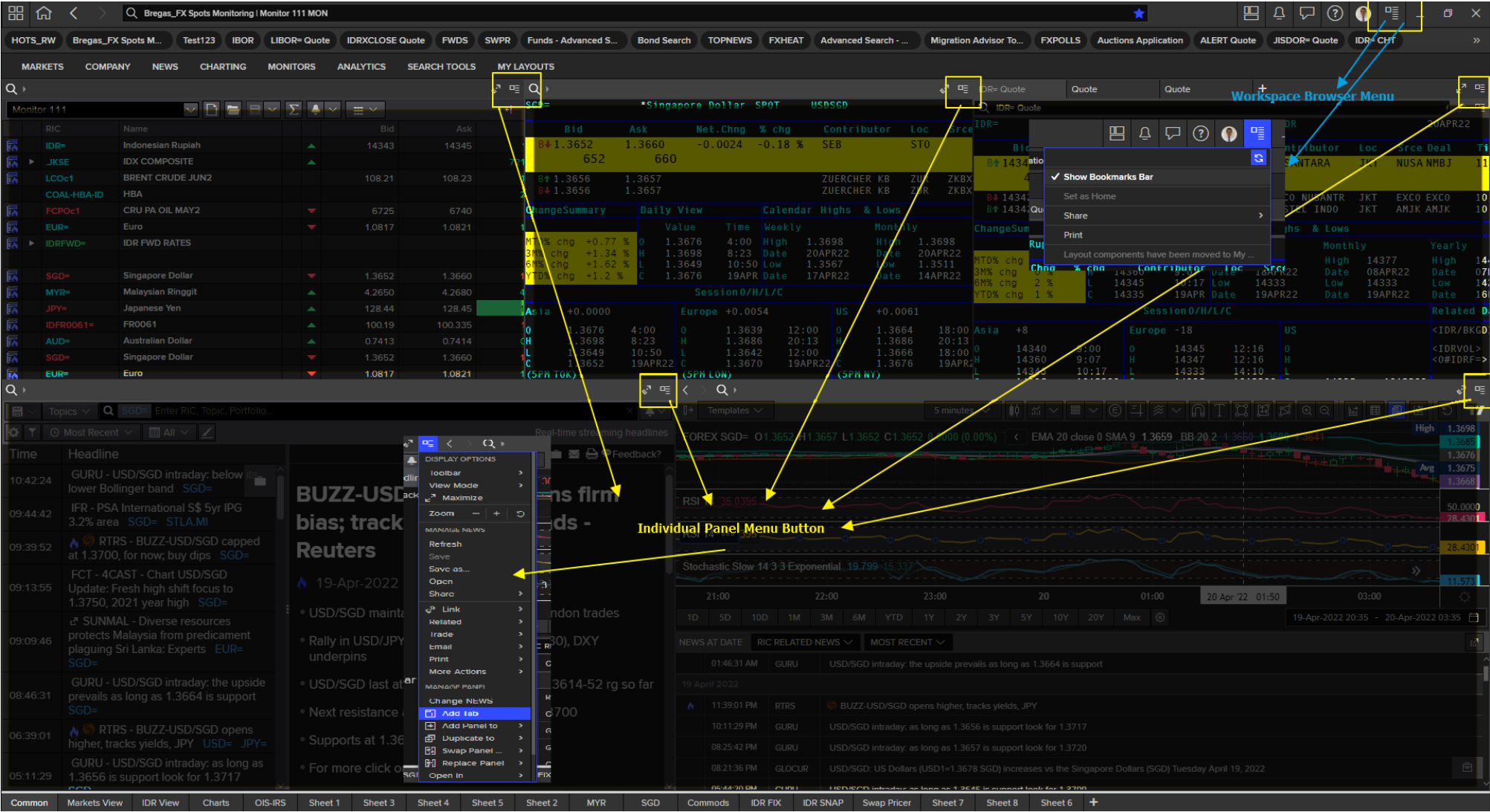
Typical functions are:

- ✓ Monitor: To display many market rates or prices in a single tabular format.
- ✓ Quotes: To display certain market rate or price in a more detailed view.
- ✓ News Monitor: To display realtime or customized news timeline from various source.
- ✓ Chart: To display charts with customized technical analysis tools or comparison functions.

Use App Library to explore other functions / tools that might be suitable for you.

Workspace Layout

Browser Menu and Panel Menu



Workspace Layout Using Monitor

The screenshot displays the Refinitiv workspace layout with the Monitor panel active. The Monitor panel is a table showing instrument data. The first row is highlighted with a yellow box, showing 'astra agro' in the Name column and 'Astra Agro Lestari Tbk PT' in the Name column. The table has columns for Name, Last, BidAsk, Size, Net, %Chg, and High. A red box highlights the top toolbar of the Monitor panel, which includes a search bar and various icons. A red arrow points from the text 'Panel control for monitor' to the top right icon of the toolbar. Another red arrow points from the text 'Just type in name of instruments that want to be displayed, no codes to remember (name, part of name) and choose from system suggestion.' to the search bar. A third red arrow points from the text 'Open previously created monitor or saved current monitor for future use' to the 'Add App to' button in the bottom right corner of the Monitor panel. A fourth red arrow points from the text 'Display setting' to the 'Display' button in the bottom right corner of the Monitor panel. A fifth red arrow points from the text 'Panel Menu Button. Show various setting and controls for each panel. Including to add more panels if needed.' to the 'Menu' button in the bottom right corner of the Monitor panel. A sixth red arrow points from the text 'Functions to add more panels.' to the 'Add App to' button in the bottom right corner of the Monitor panel. A seventh red arrow points from the text 'Customized the monitor column views to shows the relevant fields based on instruments its displayed.' to the 'Column Templates' button in the bottom right corner of the Monitor panel. A red box highlights the 'astra agro' text in the search bar. A red box highlights the 'Add App to' button in the bottom right corner of the Monitor panel. A red box highlights the 'Display' button in the bottom right corner of the Monitor panel. A red box highlights the 'Menu' button in the bottom right corner of the Monitor panel. A red box highlights the 'Column Templates' button in the bottom right corner of the Monitor panel.

MON

Type monitor name to open...

astra agro

Astra Agro Lestari Tbk PT

Ordinary Share - Indonesia Stock Exchange (formerly Jakarta SE) - AALI

AALIJK

Astra Agro Lestari Tbk PT

Depository Receipt - OTC MARKETS GROUP L1 AND L2 - AAGRY

AAGRY.PK

Astra Agro Lestari Tbk PT

Ordinary Share - Frankfurt Stock Exchange - ASX

AALIF

Astra Agro Lestari Tbk PT

Ordinary Share - Berlin Stock Exchange - ASX

AALIBE

Astra Agro Lestari Tbk PT

Ordinary Share - Munich Stock Exchange - ASX

AALIMU

Panel control for monitor

Just type in name of instruments that want to be displayed, no codes to remember (name, part of name) and choose from system suggestion.

Open previously created monitor or saved current monitor for future use

Display setting

Panel Menu Button. Show various setting and controls for each panel. Including to add more panels if needed.

Functions to add more panels.

Customized the monitor column views to shows the relevant fields based on instruments its displayed.

Panel control for monitor

Column Templates

Workspace Layout Using Monitor

Monitor 59

	RIC	Name		Last	BidAsk	Size	Net	%Chg ▼	High	Low	Time	Volume	Seqnum	+
	JPYIDR=R	JpYen/IndonRp	▼	130.97	130.97x132.41	undefinedxundefi...	+0.02	0.02	131.06	132.27	7:19	14,154		
	.JKSE	IDX COMPOSITE	▼	4925.248	0x0	undefinedxundefi...					15:15			
	AALLJK	ASTRA AGRO LESTA		8550	0x0	0x0					15:14			
	IDFR0031=	FR0031	▼	102.498	0x0	undefinedxundefi...	-0.001	0.00	102.499	102.498	23:59			
	JPY=	Japanese Yen	▼	106.94	106.94x106.97	undefinedxundefi...	-0.02	-0.02	107.05	106.9	7:19	14,154		
	IDR=	IndonesianRupiah	▲	14010	14010x14160	undefinedxundefi...	-15	-0.11			14:58	0		
	EURIDR=	Euro/IndonRp	▼	15692	15692x15702	undefinedxundefi...	-98	-0.62			1:05	0		
	LP650777...	Manulife Saham A		1422.36	0x0	undefinedxundefi...	-12.25	-0.85	2				1	

News Indicator.
Indicates there are new news related to this instrument or a news article might mention this instrument.

Triangle Mark means this instrument have constituents.
An index in this sample have many constituents, click on this mark to expand the view to include its constituents.

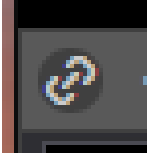
Click, Hold and Drag.
To move the column position.

Add more column to better customized your monitor

Up or Down indicator.
Relative to latest price or rate.

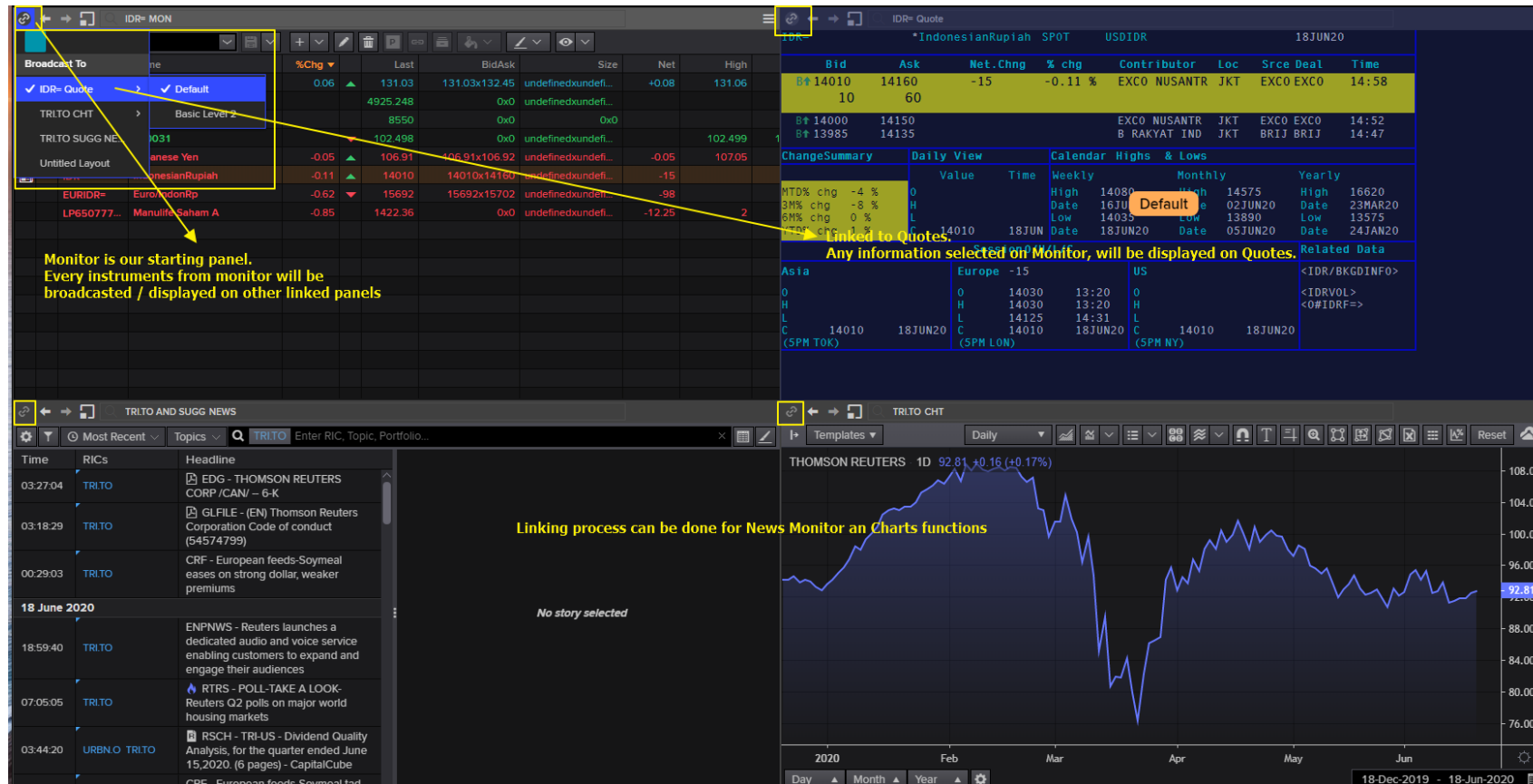
Workspace Layout

Linking Multiple Panels For Efficient Workflow

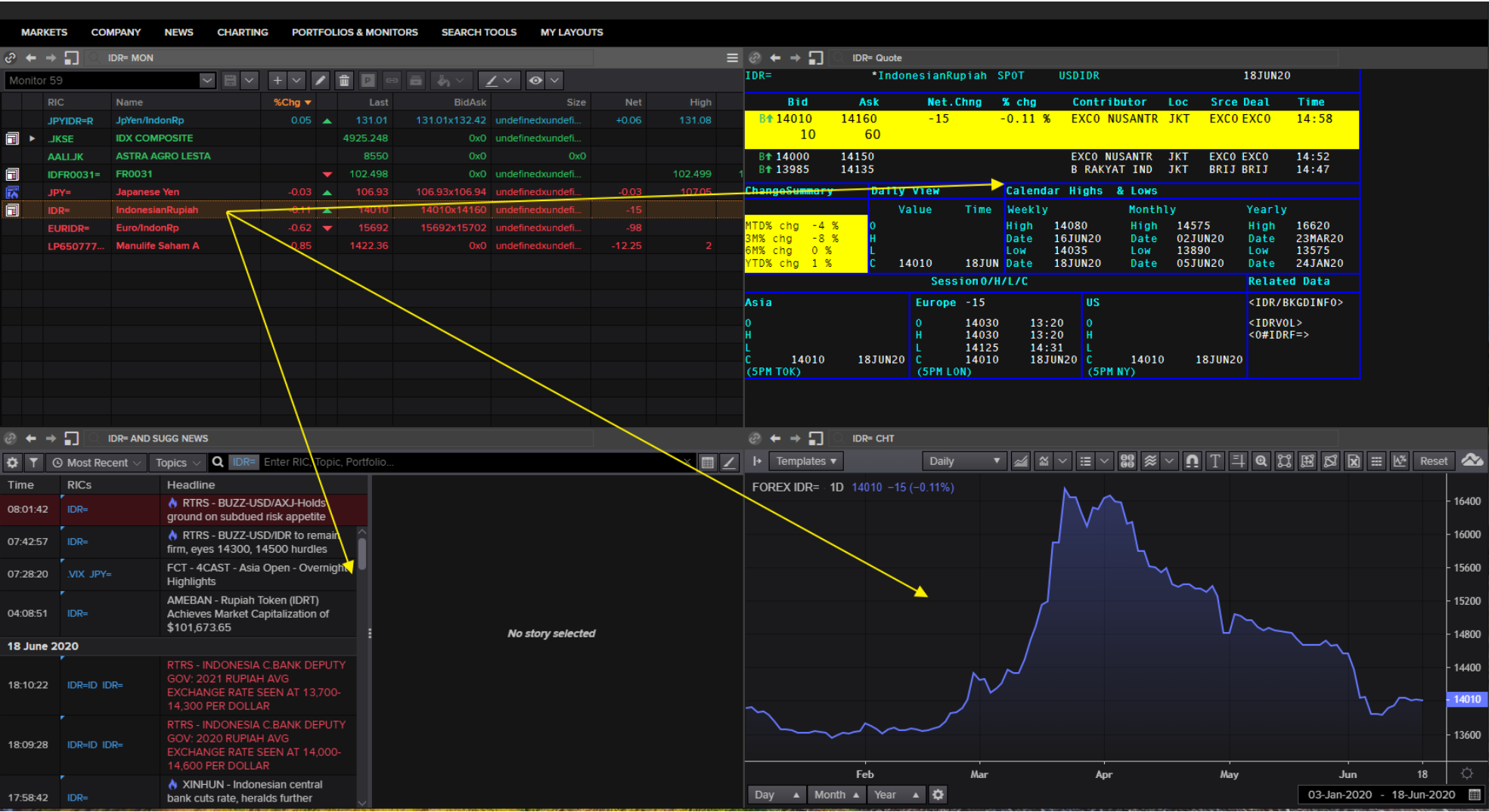


Chain-link button.

Every panel has chain-link button on the top left corner.
This is to link the selected panels to another panels.

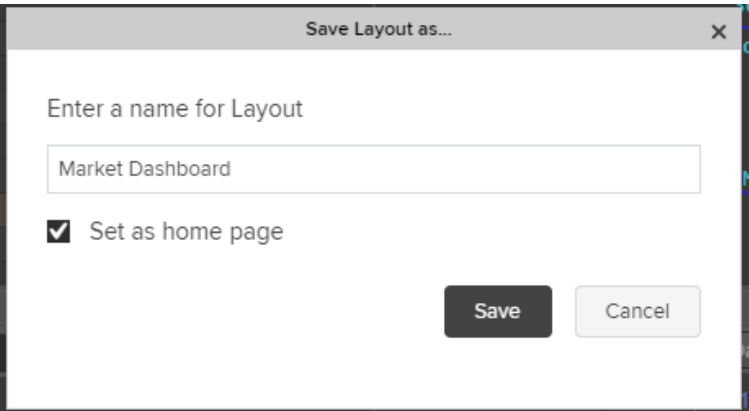
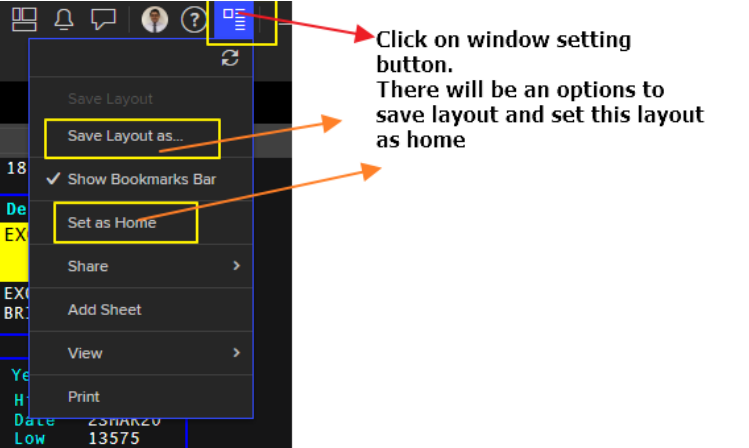


Workspace Layout Dashboard

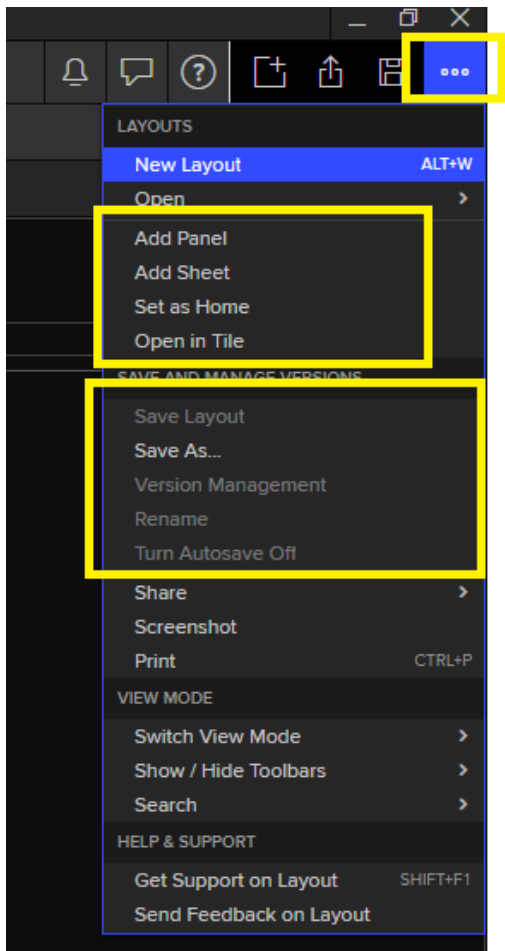


Workspace Layout

Save Dashboard and Set as Home



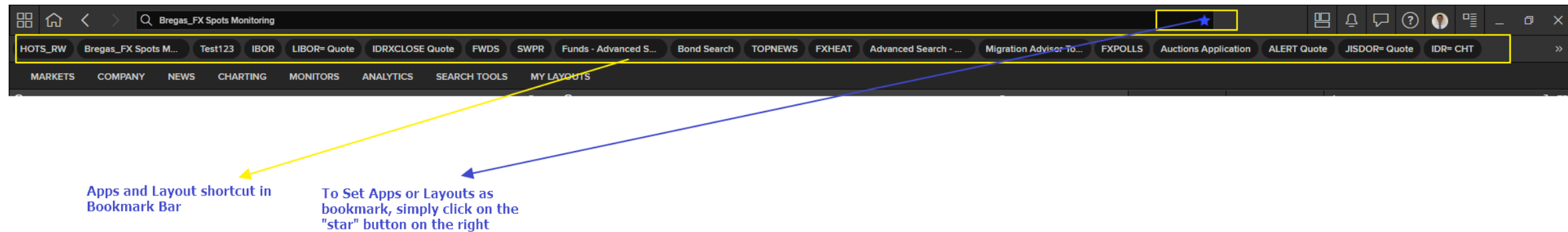
On later version, the menu will look like below:



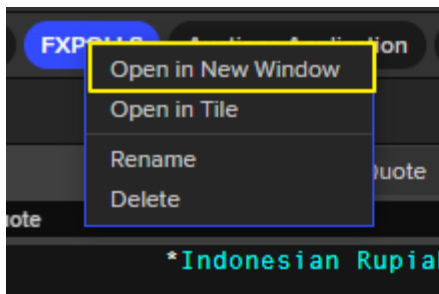
Workspace Browser

Set Apps and Layouts to Bookmark & Working With Multiple Monitor

Items set as bookmark, will be shown in Browser's Bookmark bar for easy access.



If user is working with multiple monitor, items on the Bookmark Bar can be open in "new window" using right-click menu



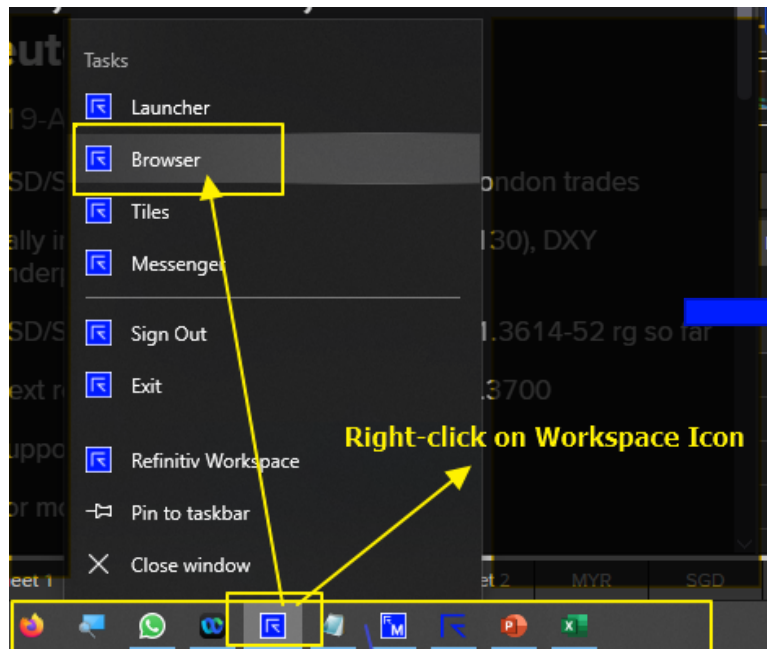
Right-click on an item in bookmark bar to open in new window

Workspace Browser

Set Apps and Layouts to Bookmark & Working With Multiple Monitor

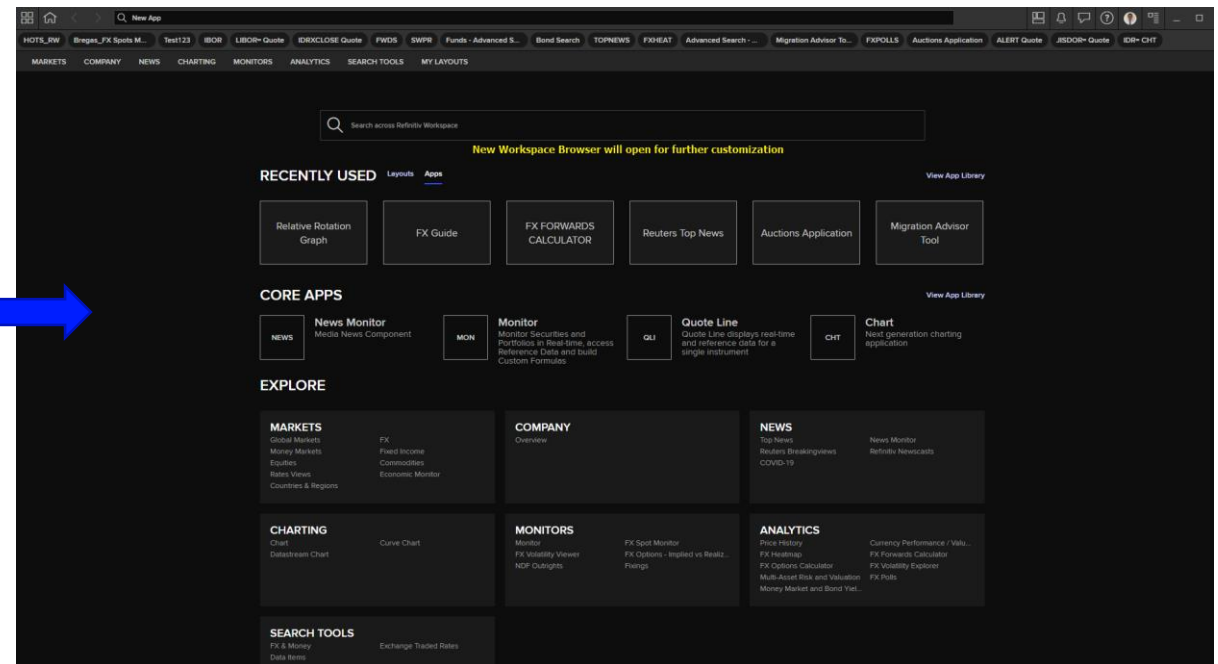
Alternatively, user can choose to open a completely new workspace browser (separated from currently open browser) for further customization.

To do this, use the right-click menu on workspace icon in windows taskbar (usually sits in the bottom of the screen).



Right-click on Workspace Icon

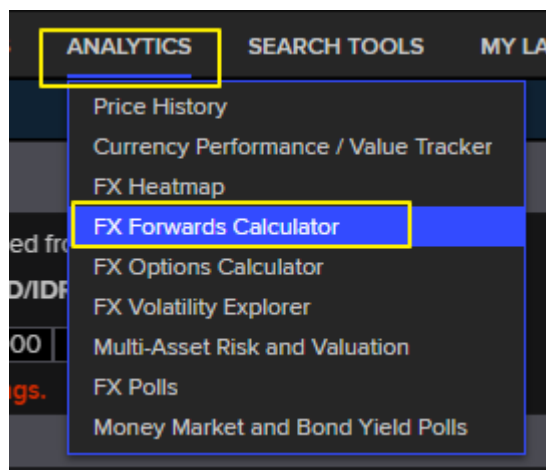
Windows task bar area



Workspace New and Improved Apps

FWDS (FX Forward Calculator)

FWDS App is designed to replace Eikon SPO app.
It integrates Swap Points and Outright calc, Deposit Rates (DEAN), and NDF



NEW This Application is in Beta Phase

U.S. Dollar / Indonesian Rupiah

USDIDR ☒ FX Forwards ☐ NDFs ☐ Rates Calculated from FX Forwards

Trade Date: 17 Feb 2022 USD/IDR Spot

Value Date: 22 Feb 2022 14,275.0000 14,280.0000

Some dates cannot be extrapolated. Adjust your extrapolation settings.

Calculation Parameters

Standard Periods Forward Source: Quote Unavailable

Period	USD/IDR Dates	Days	USD/IDR Swap Points	USD/IDR Swap Points	USD/IDR Outrights
ON	17 Feb 2022 18 Feb 2022	1	0.8000 1.0000	0.8000 1.0000	14,270.000... 14,276.200...
TN W	18 Feb 2022 22 Feb 2022	4	3.0000 4.0000	3.0000 4.0000	14,271.000... 14,277.000...
SN	22 Feb 2022 23 Feb 2022	1	0.8571 1.0000	0.8571 1.0000	14,275.857... 14,281.000...
SW	22 Feb 2022 01 Mar 2022	7	6.0000 7.0000	6.0000 7.0000	14,281.000... 14,287.000...
2W	22 Feb 2022 08 Mar 2022	14	12.0000 14.0000	12.0000 14.0000	14,287.000... 14,294.000...
3W	22 Feb 2022 15 Mar 2022	21	19.2500 21.2500	19.2500 21.2500	14,294.250... 14,301.250...
1M	22 Feb 2022 22 Mar 2022	28	26.5000 28.5000	26.5000 28.5000	14,301.500... 14,308.500...
2M	22 Feb 2022 22 Apr 2022	59	55.0000 62.0000	55.0000 62.0000	14,330.000... 14,342.000...
3M W	22 Feb 2022 23 May 2022	90	84.0000 92.0000	84.0000 92.0000	14,359.000... 14,372.000...
4M	22 Feb 2022 22 Jun 2022	120	113.0110 123.6484	113.0110 123.6484	14,388.010... 14,403.648...
5M	22 Feb 2022 22 Jul 2022	150	142.0220 155.2967	142.0220 155.2967	14,417.021... 14,435.296...
6M	22 Feb 2022 22 Aug 2022	181	172.0000 188.0000	172.0000 188.0000	14,447.000... 14,468.000...
7M	22 Feb 2022 22 Sep 2022	212	211.2554 227.0870	211.2554 227.0870	14,486.255... 14,507.086...
8M W	22 Feb 2022 24 Oct 2022	244	251.7772 267.4348	251.7772 267.4348	14,526.777... 14,547.434...
9M	22 Feb 2022 22 Nov 2022	273	288.5000 304.0000	288.5000 304.0000	14,563.500... 14,584.000...
10M	22 Feb 2022 22 Dec 2022	303	326.4891 341.8261	326.4891 341.8261	14,601.489... 14,621.826...
11M W	22 Feb 2022 23 Jan 2023	335	367.0109 382.1739	367.0109 382.1739	14,642.010... 14,662.173...
1Y	22 Feb 2022 22 Feb 2023	365	405.0000 420.0000	405.0000 420.0000	14,680.000... 14,700.000...

Broken Dates Schedule Builder (5) Rows Insert / Delete Show Dates Details: Swap Points/Forward-Forward

Start	End	Days	USD/IDR Swap Points	USD/IDR Swap Points	USD/IDR Outrights
Spot	1M15D	43	40.3919 44.8095	40.3919 44.8095	14,315.391... 14,324.809...
Spot	90D	90	84.0000 92.0000	84.0000 92.0000	14,359.000... 14,372.000...
Spot	3M	90 W	84.0000 92.0000	84.0000 92.0000	14,359.000... 14,372.000...
Spot	7M	212	211.2554 227.0870	211.2554 227.0870	14,486.255... 14,507.086...
W 3M	6M	91	80.0000 104.0000	80.0000 104.0000	14,447.000... 14,468.000...

Time Option Forwards Insert / Delete Show Results As: Outrights

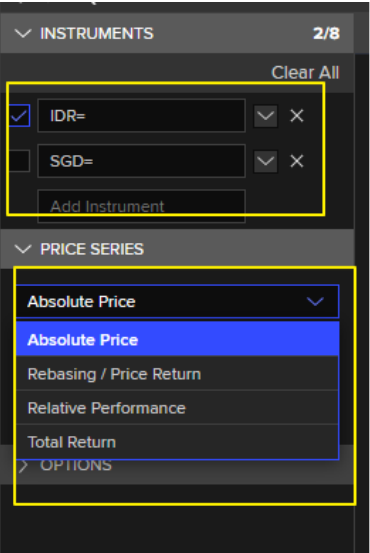
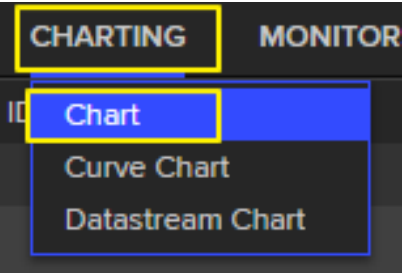
Option Start	Option End	Days	Start Date	End Date	Bid Date	USD/IDR Outrights	Ask Date
1M	3M	62 W	22 Mar 2022	23 May 2022	22 Mar 2022	14,301.500... 14,372.000...	23 May 2022
W 3M	6M	91	23 May 2022	22 Aug 2022	23 May 2022	14,359.000... 14,468.000...	22 Aug 2022
6M	9M	92	22 Aug 2022	22 Nov 2022	22 Aug 2022	14,447.000... 14,584.000...	22 Nov 2022
9M	12M	92	22 Nov 2022	22 Feb 2023	22 Nov 2022	14,563.500... 14,700.000...	22 Feb 2023
12M	15M	89	22 Feb 2023	22 May 2023	03 Apr 2023	#N/A #N/A	31 Mar 2023

Similar looks and feels, but significantly faster.

Workspace New and Improved Apps

Financial Chart

Financial Chart is powered by **TradingView**, and it is to replace MetaStock Chart in EIKON. Its features similar technical analysis tools, improved comparison functions, and its significantly faster.

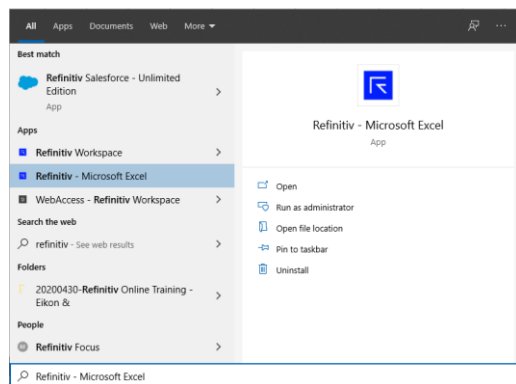


Instruments panel (easily add multiple instruments). Comparison tools, including rebasing functions.

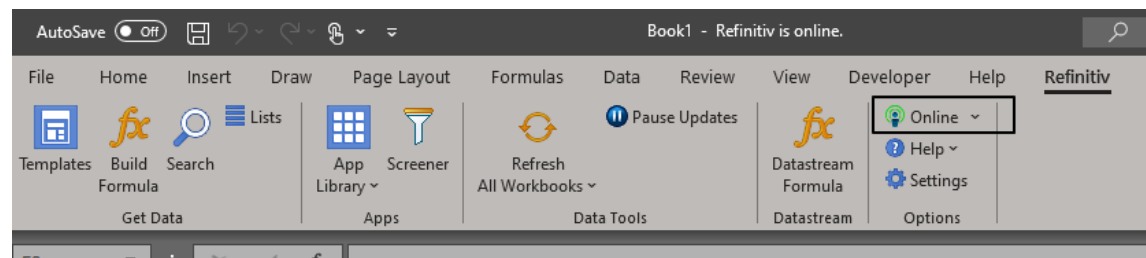
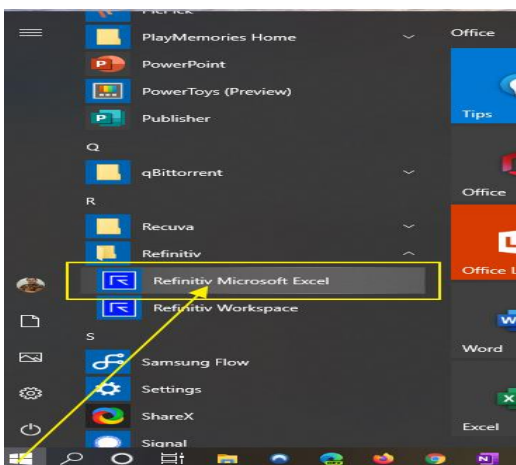


Working With Excel

Refinitiv Workspace automatically install an add-on to your existing Microsoft Excel application.
For start, please look for Refinitiv Workspace Microsoft Excel on your windows menu, as shown below

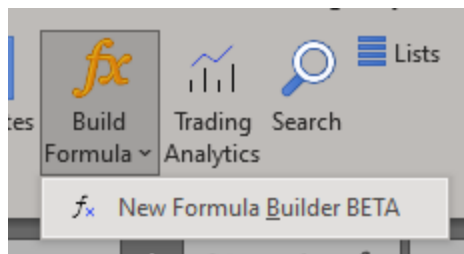


Please make sure that you can see a “Refinitiv” tab on your Excel toolbar



Excel add-on is online and ready to use

Working With Excel – New Formula Builder



For Realtime data retrieve, Workspace Excel have new formula builder that enables user to get the results in an instant.

Click on the drop-down button in the formula builder icon, This will open a wizard functions to on the right-hand side of Excel.

A screenshot of the Excel interface. The spreadsheet shows a table with columns 'Updated at', 'CF BID', and 'CF ASK'. The data rows are: IDR= 14345 14350, EUR= 1.0816 1.082. A blue box highlights this data. A blue arrow points from the 'Data Items' section of the 'New Formula Builder' panel to the 'CF BID' and 'CF ASK' columns. The 'New Formula Builder' panel is open on the right, showing 'Instruments' (All), 'Data Items' (CF_BID, CF_ASK), and 'Parameters' (Sort Order: DESC, RT Feed: IDN, Condition:). The 'K7' status bar is visible at the bottom.

Updated at	CF BID	CF ASK
IDR=	14345	14350
EUR=	1.0816	1.082

Instant result as user type on the right panel

Working With Excel – Classic Formula Builder



Click on the built formula button on Refinitiv add-on on Excel.
This will open a wizard functions to help you to retrieve data to Excel.

The screenshot shows the 'Formula Builder' window with several annotations:

- Instruments:** A search bar with the text 'Type-in any instruments that you want to retrieve the data'.
- DATA ITEMS:** A section with a search bar and a list of categories. A yellow box highlights the 'Categories of fundamental data' section, which includes: Favorites (0), Real Time (3981), Reference & Identifiers (233), Issuer Level Credit Rating (30), Price & Volume (343), Time Series Ratios (47), IB/E/S Estimates (15086), StarMine Models & Analytics (377), Corporate Actions (155), Mergers and Acquisitions (57), Events (REV) (11), and Mutual Fund Holdings (6).
- Specific data field:** A list of data fields including Rating Type Description, Rating Date, Issuer Rating, Credit Combined Implied Rating, Credit Combined PD (%), Business Description, Credit Structural Implied Rating, Total Current Assets, Net Profit Margin, (%), and Net Profit Margin. A yellow box highlights this list.
- Parameters & Quick Functions:** A section for defining parameters, with a yellow box highlighting it and the text 'Parameters for data retrieval (period, sorting, ...)'.
- Automated Excel formula created for the retrieval process:** A text box showing the formula `=TR("","",CH=Fd RH=IN,F4)`.
- Start retrieval process:** A yellow box highlights the 'Insert' button at the bottom right.
- Additional setting to fine tuning the layout of retrieved data and the timing to update:** A yellow box highlights the 'Layout', 'Update Frequency', and 'Add data fields as cell references' options at the bottom.

Refer to the specific Excel cell(s) if available. For this to work, user need to have the RIC(s) of instruments on that Cell(s)

Top Hit	Indonesia - INDONB Series FR0031 ... - Plain Vanilla Fixed Coupon Bond - Auction
Fixed Income	
IDFR0031=	Indonesia - INDONB Series FR0031 ... - Plain Vanilla Fixed Coupon Bond - Auction
IDFR0034=	Indonesia - INDONB Series FR0034 ... - Plain Vanilla Fixed Coupon Bond - Auction
IDFR0053=	Indonesia - INDONB Series FR0053 ... - Plain Vanilla Fixed Coupon Bond - Auction
IDFR0061=	Indonesia - INDONB Series FR0061 ... - Plain Vanilla Fixed Coupon Bond - Auction
IDFR0035=	Indonesia - INDONB Series FR0035 ... - Plain Vanilla Fixed Coupon Bond - Auction
IDFR0043=	Indonesia - INDONB Series FR0043 ... - Plain Vanilla Fixed Coupon Bond - Auction
More Fixed Income	
Economic Indicators	
IDFDIY=ECI	Indonesia, FDI, Chg Y/Y - Economic Indicator - Statistics Indonesia
More Economic Indicators	
FX	
IDRCHF=R	Indonesian Rupiah/Swiss Franc FX Cross - THOMSON REUTERS CALCULATED
More FX	
Indices	
MLQc1	Indonesia Stock Exchange (Formerly Su... - Stock Index Future - SUB
More Indices	

Additional setting to fine tuning the layout of retrieved data and the timing to update

Working With Excel Sample

Below is the sample of how to retrieve Fundamental data of a specific Government Bonds <FR0031>

Formula Builder

Instruments: IDFR0031=

Search instrument name

Search Instruments

DATA ITEMS

Interval: Daily

coupon

Category: For Fundamental or Single series data

Fields:

Top Matches (20)

Real Time (18)

Government/Corporate Bond (33)

US Municipal Bond (16)

Single Name CDS (3)

Time Series Data (2)

Coupon

Coupon Frequency

Coupon Frequency Description

Coupon Type

Coupon Type Description

Coupon 1

Coupon 2

Coupon 3

Coupon 4

Coupon 5

Coupon Alternative Currency

Add All (20)

Add

Description

Parameters & Quick Functions

Coupon

COUPN_RATE

11 (IDFR0031=)

Definition:

the interest rate assigned to a bond when it is issued.

FieldID: 69

Category: Fixed Income

Descriptions of the field, including the available value

Selected Items: COUPN_RATE

Drag to Reorder

Clear All

=TR("IDFR0031=","COUPN_RATE",CH=Fd RH=IN",F4)

Included Fields will be arrange in this formula bar

Layout

Update Frequency

☐ Add data fields as cell references

☒ Consolidate Formulas

Cancel

Insert

Indonesia tr

Top Hit

IDFR0031= Indonesia - INDONB Series FR0031 ... - Plain Vanilla Fixed Coupon Bond - Auction

Fixed Income

IDFR0034= Indonesia - INDONB Series FR0034 ... - Plain Vanilla Fixed Coupon Bond - Auction

IDFR0053= Indonesia - INDONB Series FR0053 ... - Plain Vanilla Fixed Coupon Bond - Auction

IDFR0061= Indonesia - INDONB Series FR0061 ... - Plain Vanilla Fixed Coupon Bond - Auction

IDFR0035= Indonesia - INDONB Series FR0035 ... - Plain Vanilla Fixed Coupon Bond - Auction

IDFR0043= Indonesia - INDONB Series FR0043 ... - Plain Vanilla Fixed Coupon Bond - Auction

More Fixed Income

Economic Indicators

IDFIY=ECI Indonesia, FDI, Chg Y/Y - Economic Indicator - Statistics Indonesia

More Economic Indicators

FX

IDRCHF=R Indonesian Rupiah/Swiss Franc FX Cros... - THOMSON REUTERS CALCULATED

More FX

Indices

MLQc1 Indonesia Stock Exchange (Formerly Su... - Stock Index Future - SUB

More Indices

25 REFINITIV, An LSEG Business

REFINITIV

Working With Excel Sample

Below is the sample of how to retrieve Fundamental data of a specific Government Bonds <FR0031>

Formula Builder

Instruments: IDFR0031= Search Instruments

DATA ITEMS

Interval: Daily

coupon pay date

Category:

Top Matches (20)

Real Time (33)

Fixed Income (1)

Miscellaneous (32)

Government/Corporate Bond (52)

US Municipal Bond (20)

Single Name CDS (3)

Time Series Data (3)

Fields:

Coupon 2

Coupon 3

Coupon 4

Coupon 5

Coupon Reset Frq

Cpn.Date

Current Date(Serv)

Date Confirmed

Date Last Error

DATE OF ASIA CL

Date Of Deal

Add All (1)

Description

Parameters & Quick Functions

Cpn.Date

COUPN_DATE

44151 (IDFR0031=)

Definition:

the date on which the next bond interest payment is made.

FieldID: 102

Category: Miscellaneous

Go to Layout if you want to re-arrange the data on to specific cell

Press INSERT to proceed

Selected Items:

COUPN_RATE

TR.FiCouponFrequency

TR.FiCouponFrequencyDescription

TR.FiCouponType

TR.FiCouponTypeDescription

COUPN_DATE

Drag to Reorder

Clear All

=TR("IDFR0031=";"COUPN_RATE; TR.FiCouponFrequency; TR.FiCouponFrequencyDescription; TR.FiCouponType; TR.FiCouponTypeDescription; COUPN_DATE;"CH=Fd RH=IN",F4)

Layout

Update Frequency

☐ Add data fields as cell references

☒ Consolidate Formulas

Cancel

Insert

Working With Excel Sample

Below is the sample of how to retrieve Fundamental data of a specific Government Bonds <FR0031>

This cell is called "control cell" its contains critical formula to retrieve the data.

COUPON RATE	Coupon Frequency	Coupon Frequency Description	Coupon Type	Coupon Type Description	COUPON DATE
IDFR0031=	11	2	Semiannually	FXPV	Fixed:Plain Vanilla Fixed Coupon

Result of data retrieve

Working With Excel Sample

Below is the sample of how to retrieve Time Series Yield data of a specific Government Bonds <FR0031>

The screenshot shows the 'Formula Builder' window. At the top, the 'Instruments' field contains 'IDFR0031=' and the 'Instrument Name' field is empty. Below this, the 'DATA ITEMS' section shows a list of fields. 'ISMA_B_YLD (1)' and 'ISMA_A_YLD (1)' are highlighted with a yellow box. A yellow arrow points from this box to the 'Fields' section, which contains 'VALUE:ISMA_B_YLD'. Another yellow arrow points from the 'Fields' section to the 'Parameters & Quick Functions' section, which shows 'VALUE:ISMA_B_YLD' with a definition of '4.53 (IDFR0031=)' and 'VALUE:ISMA_B_YLD'. A third yellow arrow points from the 'Parameters & Quick Functions' section to the 'Selected Items' section, which contains 'ISMA_B_YLD' and 'ISMA_A_YLD'. The 'Selected Items' section is highlighted with a yellow box. Below the 'Selected Items' section, the formula bar contains the text: '=RHistory("IDFR0031="ISMA_B_YLD;ISMA_A_YLD";"START:01-Jun-2020 INTERVAL:P1D SOURCE:RFV";"CH:IN;Fd RH:Timestamp",F10)'. The 'Layout' section at the bottom shows 'Update Frequency' set to 'Daily' and 'Add data fields as cell references' checked.

In this sample, we choose ISMA Bid Yield and ISMA Ask Yield

For Timeseries data, we need to define periods of data to be retrieved

The screenshot shows the 'Parameters & Quick Functions' dialog box. The 'Start' field is set to '01-Jun-2020' and the 'End' field is empty. The 'RT Feed' field is set to 'IDN' and the 'Time Zone' field is set to 'USER'. The 'Number of Rows' field is empty. The 'Trading Hours Only' field is set to 'NO'. The 'TS Repeat' field is set to 'YES' and the 'Adjusted' field is set to 'YES'. The 'Sorting Order' field is set to 'DESC' and the 'NULL' field is empty. The 'Clear All' button is at the bottom right.

Empty means "never ending"

Empty means "show all data within the"

Working With Excel Sample

Below is the sample of how to retrieve Time Series Yield data of a specific Government Bonds <FR0031>

The screenshot displays the 'Formula Builder Preview' window. It features three main sections: 'AVAILABLE HEADERS', 'COLUMNS (CH)', and 'ROWS (RH)'. The 'AVAILABLE HEADERS' section contains a yellow box with the text 'Drag and drop available header to column or row'. The 'COLUMNS (CH)' section contains a green box with 'Instrument' and 'Field'. The 'ROWS (RH)' section contains a blue box with 'Timestamp'. Below these sections are checkboxes for 'Include NULL parameter' (set to NA) and 'Transpose'. A yellow box highlights the 'Destination Cell' field, which is set to 'F10', with a yellow arrow pointing to it and the text 'Choose starting cell for retrieved data'. A yellow box also highlights the 'Layout' button, with a yellow arrow pointing to it and the text 'Go to LAYOUT to arrange how your data looks like when its retrieved to Excel'. At the bottom, a preview table shows the retrieved data for 'IDFR0031='.

	F	G	H
10	IDFR0031=	IDFR0031=	IDFR0031=
11	Timestamp	ISMA_B_YLD	ISMA_A_YLD
12	2020-06-25	4.53	3.63
...			
29	2020-06-02	4.41	3.85

Press OK when done

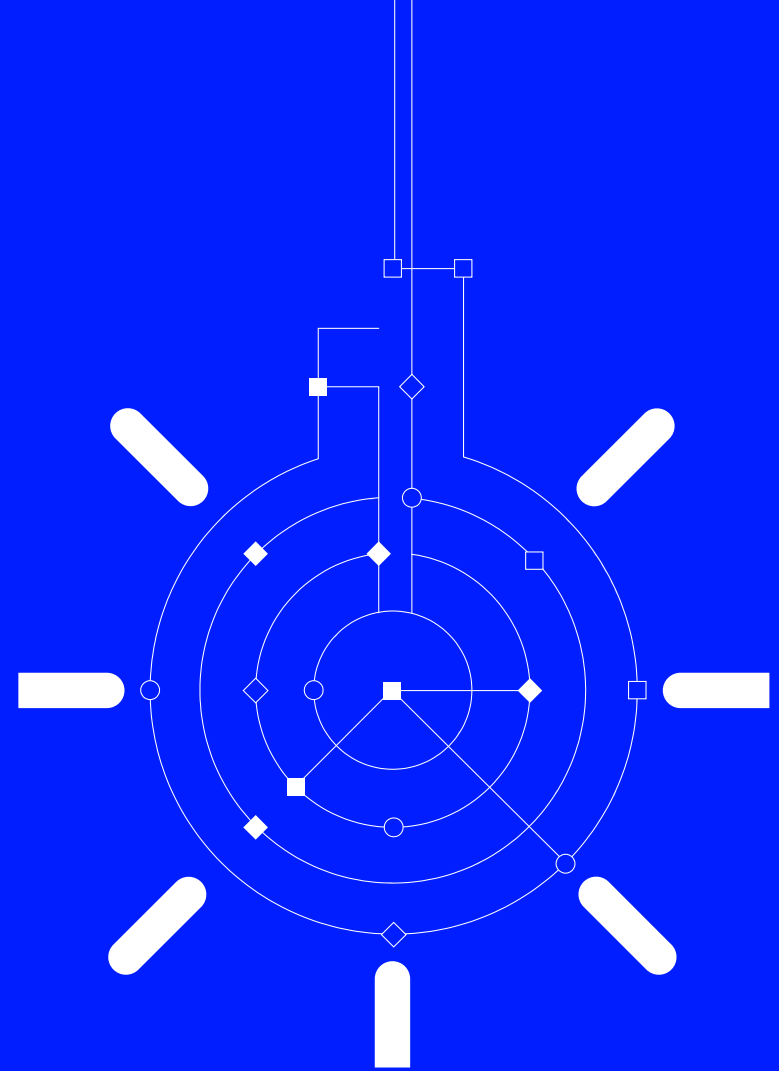
Working With Excel Sample

Below is the sample of how to retrieve Time Series Yield data of a specific Government Bonds <FR0031>

=@RHistory("IDFR0031=", "ISMA_B_YLD;ISMA_A_YLD", "START:01-Jun-2020 INTERVAL:P1D SOURCE:RFV", "CH:IN;Fd RH:Timestamp", F10)									
Control cell contains formula Dont Delete this cell									
D	E	F	I	J	K	L	M		
	Updated at 16:04:09								
		COUPON RATE	Coupon Frequency	Coupon Frequency Description	Coupon Type	Coupon Type Description	COUPON DATE		
	IDFR0031=	11	2	Semiannually	FXPV	Fixed:Plain Vanilla Fixed Coupon	11-16-20		
	Updated at 16:22:13								
	IDFR0031=	IDFR0031=	IDFR0031=						
	Timestamp	ISMA_B_YLD	ISMA_A_YLD						
	26-06-20	3.6	4.44						
	25-06-20	4.53	3.63						
	24-06-20	4.67	3.76						
	23-06-20	4.72	3.71						
	22-06-20	4.71	3.77						
	19-06-20	4.44	3.81						
	18-06-20	4.57	3.83						
	17-06-20	4.69	3.98						
	16-06-20	4.74	3.99						
	15-06-20	4.51	3.82						
	12-06-20	4.38	3.68						
	11-06-20	4.06	3.52						
	10-06-20	4.18	3.6						
	09-06-20	4.25	3.64						
	08-06-20	4.28	3.61						
	05-06-20	4.32	3.64						
	04-06-20	4.34	3.75						
	03-06-20	4.38	3.8						
	02-06-20	4.41	3.85						

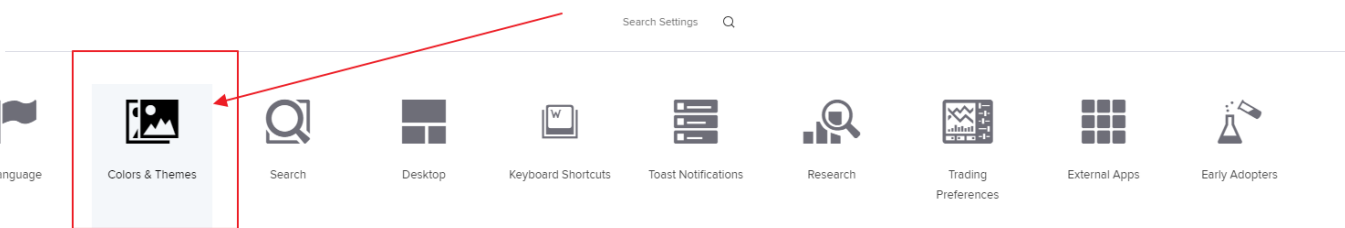
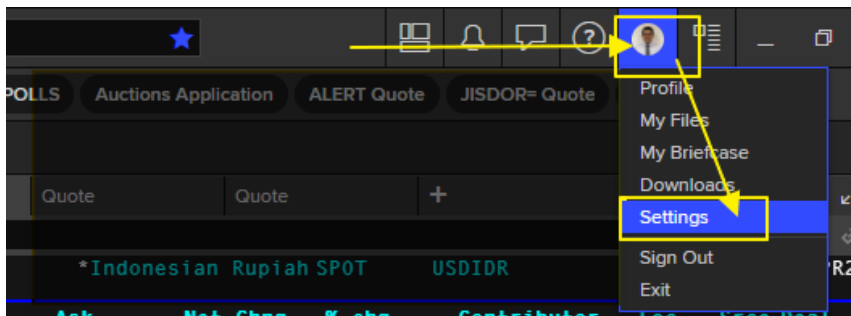
Retrieved timeseries data for Yield

Various Settings

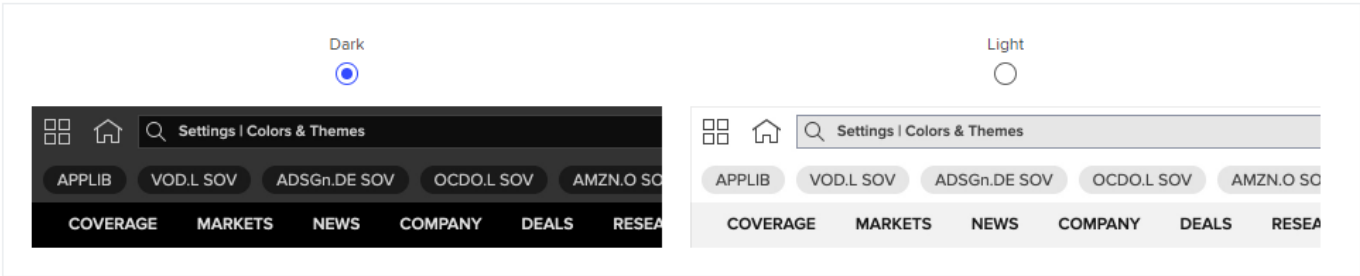


Refinitiv Workspace – Themes

User can choose to apply light themes instead of default dark themes.
Please note that this apply to entire layout.



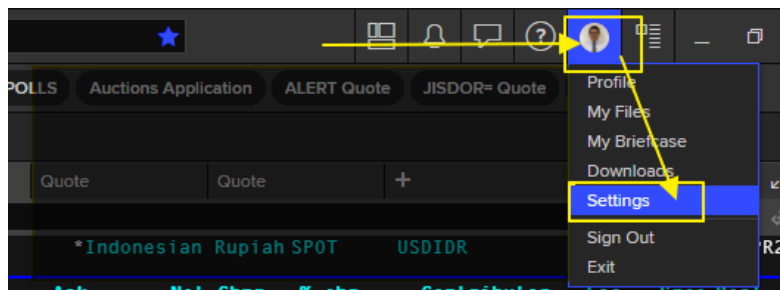
Refinitiv Workspace Color Theme

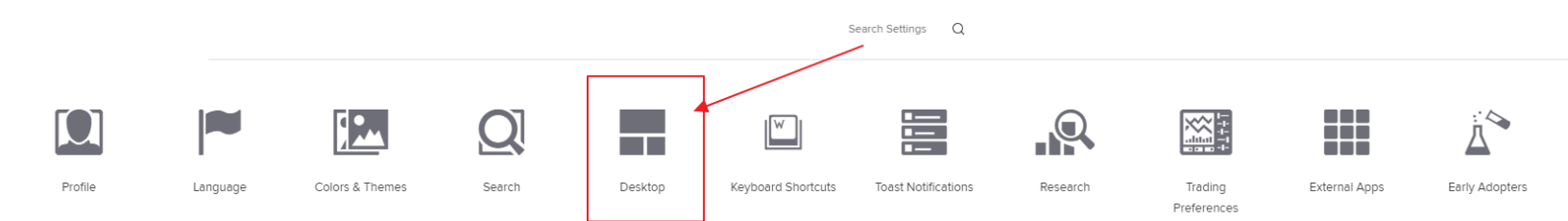


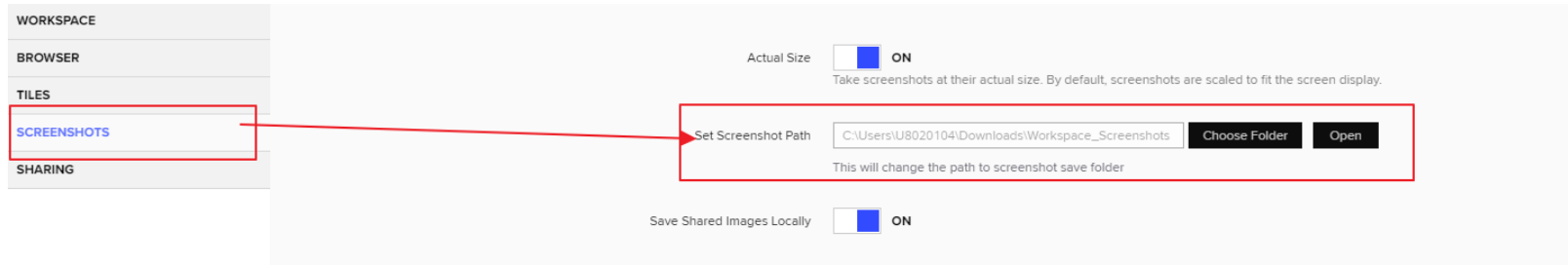
 Click HOME button to go to your default Layout

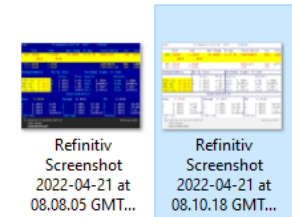
Refinitiv Workspace – Screenshot Management (Setting Default Storage Location)

For user who take lots of screenshot, you can now set the default folder for easy access and archiving. All the screenshots (taken by Workspace screenshot functionality) will be stored on the set folder.







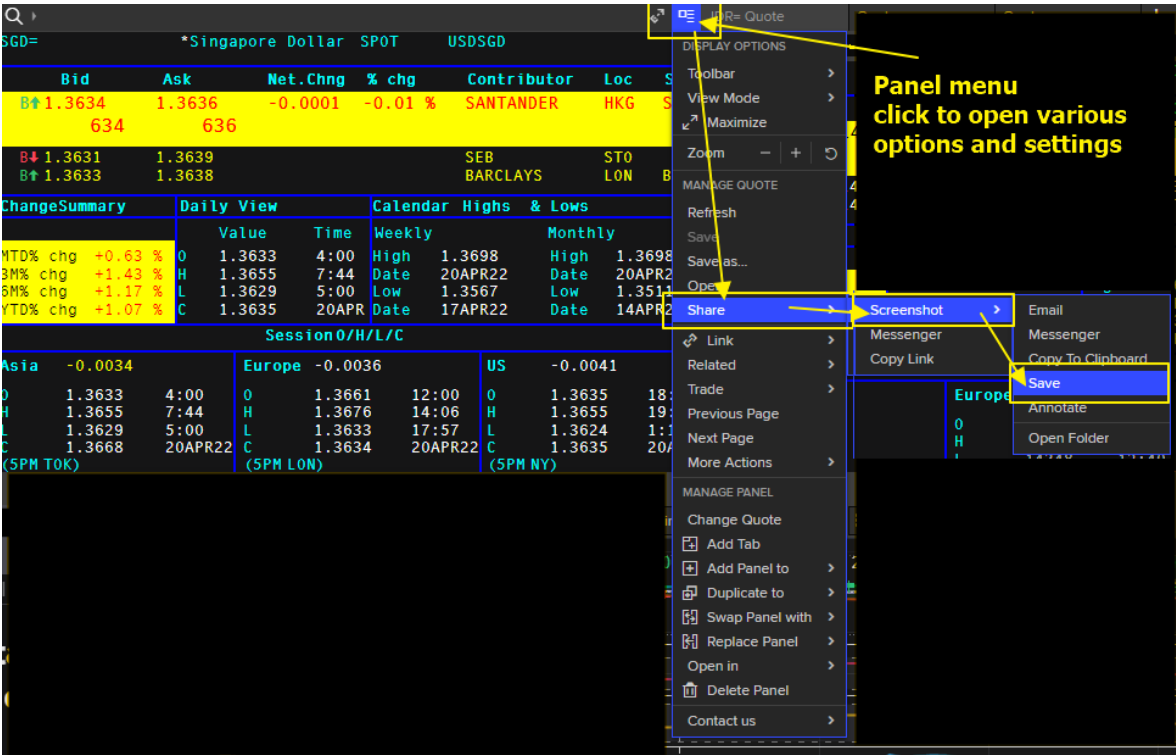




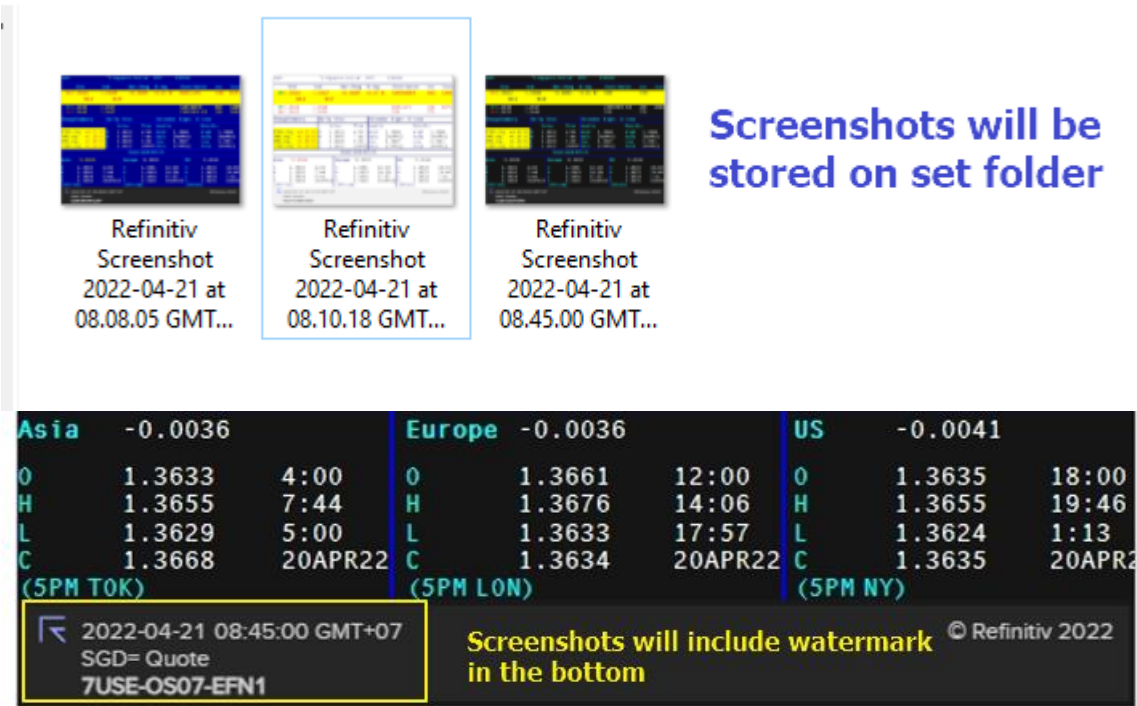
Click **HOME** button to go to your default Layout

Refinitiv Workspace – Screenshot Functions

Refinitiv Workspace has built-in screenshot functions.
User can take screenshot of individual panel in layout, using the panel menu options.

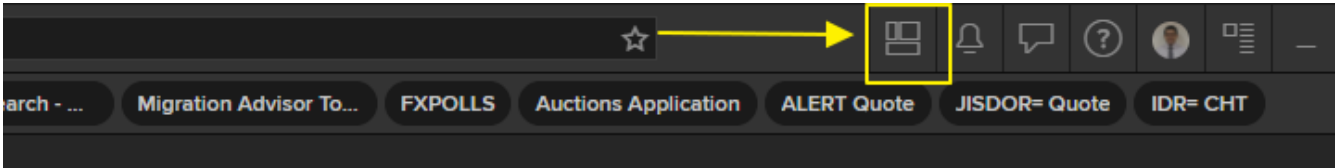


Downloads > Workspace_Screenshots



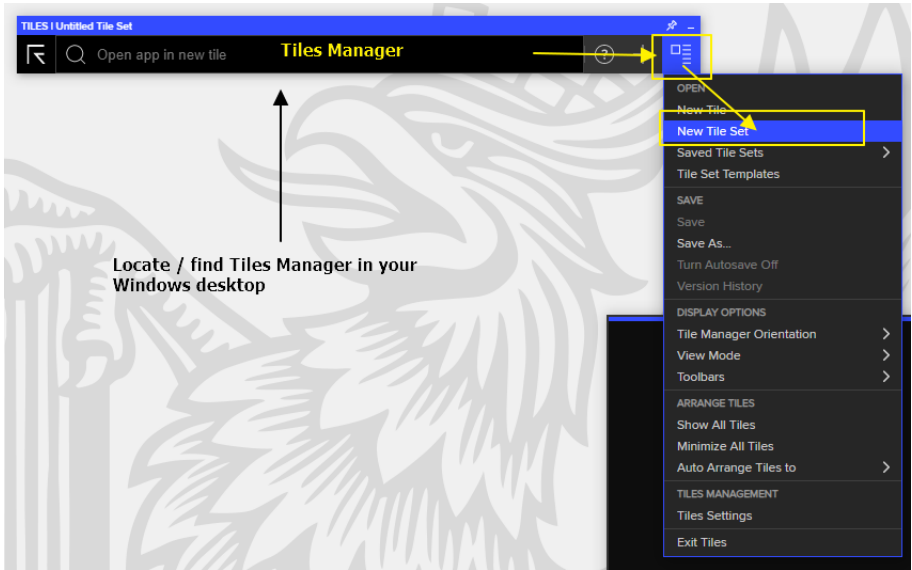
Refinitiv Workspace – Using workspace Tiles

User can choose to create **Tiles** in combination with **Browser Layout**.
Please note that these tiles are not bind to a specific frame (unlike layout that created under workspace browser), instead they are floating in your windows desktop.
Multiple tiles can be shown together (along with browser layout), and this combination of tiles is called **Tile Set**.



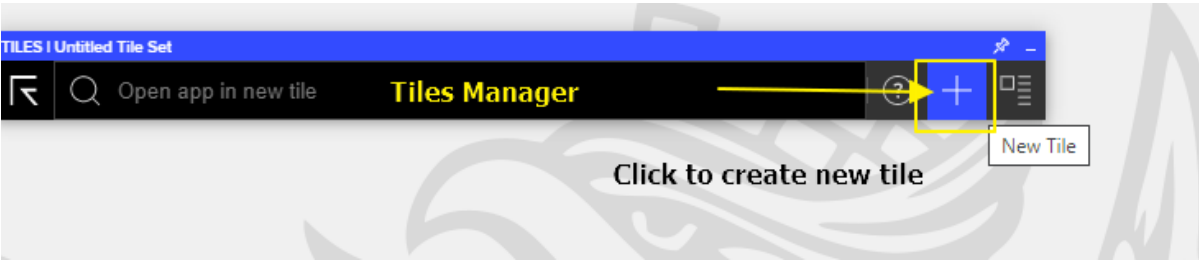
Click Tiles button from Workspace Browser Bar

An existing sample tile set will open, use the **Tiles Manager options menu** to create a new tile set.



Refinitiv Workspace – Using workspace Tiles

On the new Tile Set.
Use Tiles Manager to create new tile for a start



on the new tiles : type-in the functions.

For an example type quote for qote page
or
type monitor for monitor list

Choose an app by searching or selecting from our suggested apps.

Q quote	
All Quotes	ALLQ
All Quotes - Equity	AQ
Quote	Q
HTML QuoteTemplate	
Quote Line	QLI

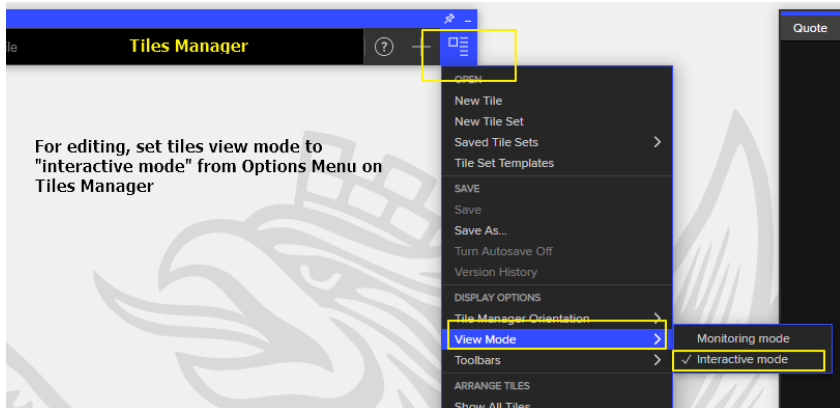
Individual Tile Options menu

User can add new tiles as need using the + button
on Tiles Manager
or
using the individual tile options menu

To display a quote, type in an item code, then press Enter.

A screenshot of the 'Individual Tile Options menu' for a 'Quote' tile. The menu is open, showing options like 'Bring to Front', 'Group', 'Refresh', 'Add Tab', 'Add Tile to', 'Duplicate Tile to', 'Swap Tile with', 'Replace Tile', and 'Delete Tile'. The 'Add Tile to' option is highlighted with a yellow box. A yellow arrow points from the text 'using the individual tile options menu' to this box. Another yellow arrow points from the text 'Individual Tile Options menu' to the menu itself. A third yellow arrow points from the text 'User can add new tiles as need using the + button on Tiles Manager or using the individual tile options menu' to the '+' button in the top right corner of the tile.

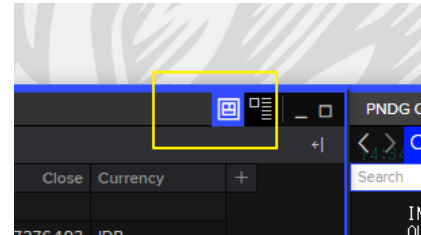
Refinitiv Workspace – Using workspace Tiles



Sample of multiple tiles (3 Quotes and 1 Monitor list) arrangement, combined with an existing Excel spreadsheet.

This arrangement can then be displayed on secondary monitor.

A Browser Layout is also open simultaneously with this Tile Set.



Click "Group Tiles" button to lock all tiles together.
All tiles will move as a single windows.

Useful when needs to reposition the Tiles to another screen (no need to drag individual tiles)

MNC_Spreadsheet.xlsx

Home Insert Page Layout Formulas Data Review View Add-ins Help Refinitiv Refinitiv 365

APX - Quote

APX - Bid/Ask

RIC	Bid/Ask	Contributor	Loc	Sec	Deal	Time	Open	Low	High
EUR	1.0842/1.0846	BARCLAYS	LOC	BCFX		13:00	1.0837	1.0851	1.0832
GBP	1.227/1.227.00	BARCLAYS	LOC	BCFX		13:00	1.228	1.228.99	1.227.99
CHF	0.9530/0.9534	BARCLAYS	LOC	BCFX		13:00	0.9528	0.9547	0.9530
USD	0.8533/0.8534	DARKEE BANK	COP	BDIA	BANC	13:00	0.8532	0.8539	0.8533
CAD	0.6890/0.6894	BARCLAYS	LOC	BCFX		13:00	0.6741	0.6741	0.6888
INR	1.2602/1.2603	ZUERCHER KB	ZUR	ZKZD		13:00	1.2577	1.2607	1.2568
CNY	1.3629/1.3634	Reuters	RTR	REUT		13:00	1.3640	1.3658	1.3632
JPY	6.4827/6.4957	COICAR	NYC	COIG	CCMH	13:00	6.4785	6.5042	6.4726
CNY	6.4666/6.4683	BNP	SPA	BSPH	BSPH	13:00	6.4485	6.4748	6.4500
USD	7.8449/7.8450	SANTANDER	MAD	SAM	ESPT	13:00	7.8443	7.8449	7.8446
EUR	14355/14360	TRADITION	JKT	TRAJ	TRAJ	12:22	14350	14365	14358
INR	76.2475/76.2575	Y THAKKER	BOM	VRAJ		13:00	76.2680	76.3380	76.2400
GBP	4053/4053	COICAR	NYC	COIG	CCMH	10:50	4053	4045	4053
KRW	1239.34/1239.44	HSBC	LOC	HSBL	HKLN	13:00	1242.13	1245.18	1238.59
LAK	11980/12006	BCEL	VIL	BCEI	BCEL	8:57	11980	11960	12006
PKR	325.00/335.00	PUBLIC BANK	CMB	PBPK		12:45	329.96	335.00	335.00
MMK	1850.00/1853.00	CBM	RCN	INT		17:20			
USD	3035.00/3085.00	BANA FOREX	NYC	RCFX	RCFX	11:50			
MYR	4.3080/4.3120	UOB	KUL	UOBH	UOBH	12:34	4.2950	4.3080	4.3045
PHP	56.20/56.25	ING BANK	LOC	INGI	INGX	12:59	52.40	52.40	52.26
PKR	187.20/187.40	HABIB BANK	KHI	HBKH	HBKH	12:45	186.50	187.35	186.40
SAR	3.7503/3.7505	RIYAD BANK	RIY	RYBD	RYDJ	13:00	3.7503	3.7514	3.7505
SGD	1.3629/1.3634	BARCLAYS	LOC	BCFX		13:00	1.3640	1.3658	1.3622
THB	33.88/33.91	SEA	STO	STO		13:00	33.90	33.94	33.80
USD	29.249/29.259	BROKER	GFX			13:00	29.283	29.312	29.212
VND	22967/22970	SACOMBANK	SGN	SGTT	SGTT	11:14	22968	22970	22966
TRY	24.53/24.6	BROKER	GFX			13:00			
XAU	1953.46/1953.97	BROKER	GFX			13:00			
GBP	2429.72/2435.37	BROKER	GFX			13:00			
USD	969.2500/915.7639	Refinitiv	TRB			13:00			

Spreadsheet From Eikon

Display Settings

MON +

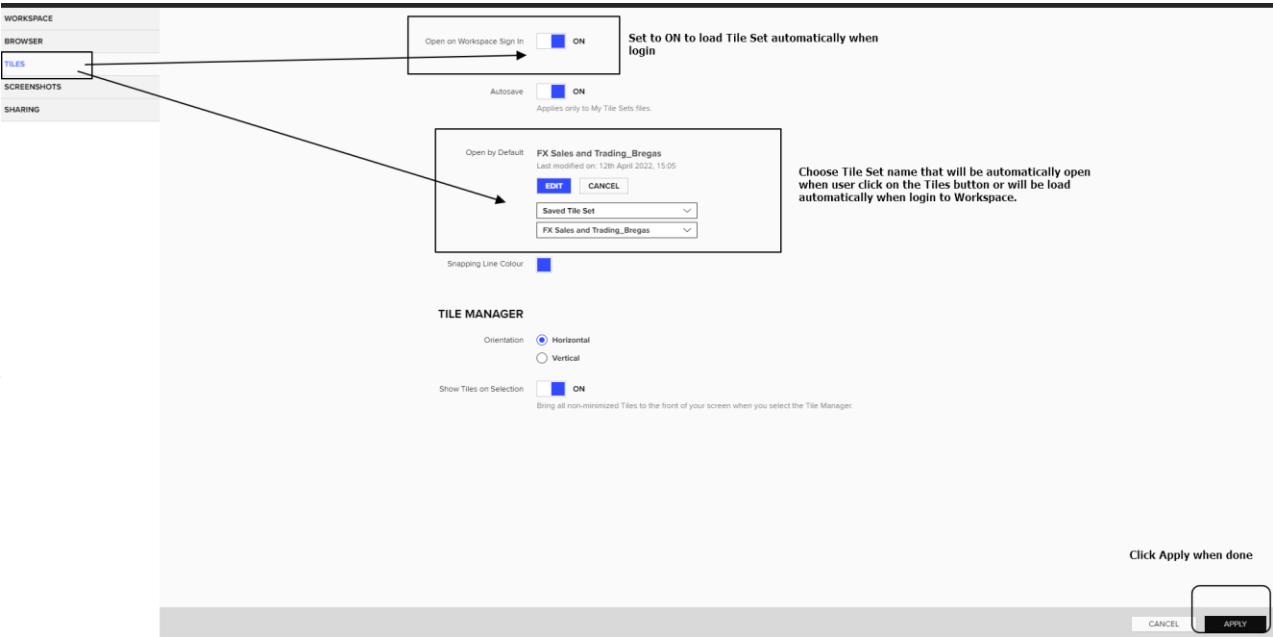
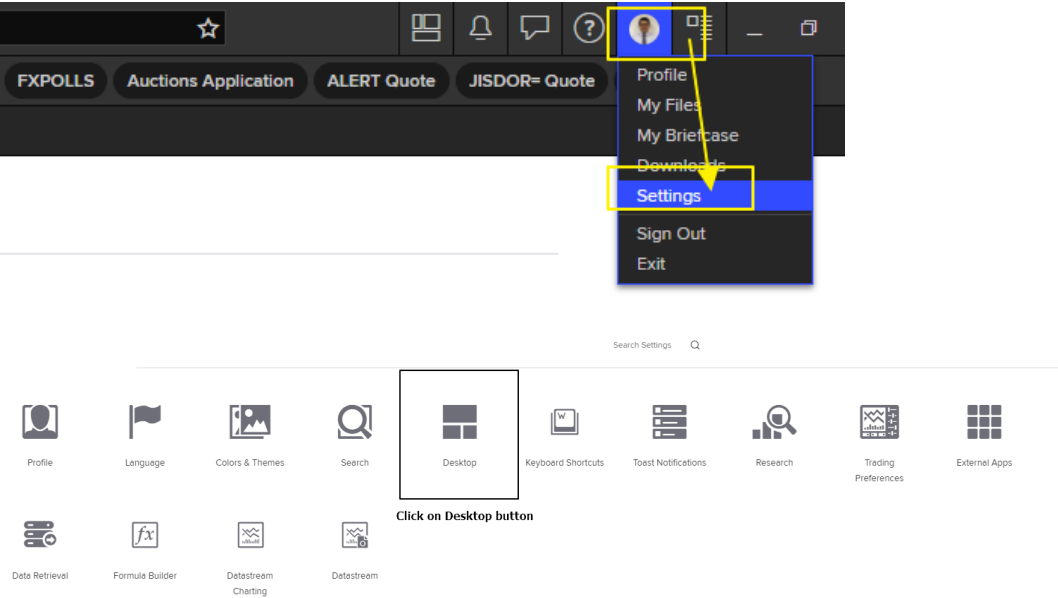
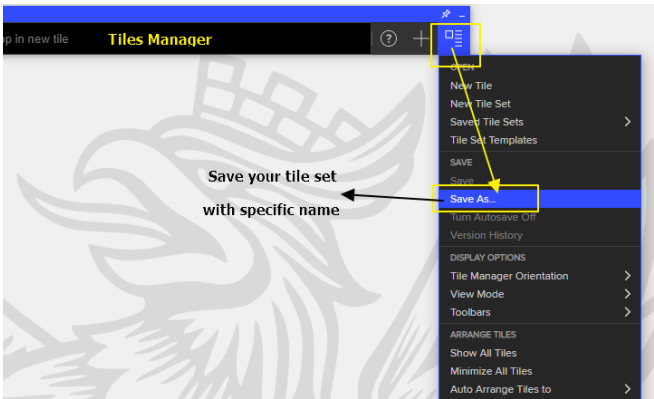
RIC Name Last Pct. Chng Net. Chng Close Currency

RIC	NAME	LAST	PCT. CHNG	NET. CHNG	CLOSE	CURRENCY
DIJ	IDX COMPOSITE	7206.537	-0.97	-70.656	7276.193	IDR
JKSE	IDX LQ45 IND	1053.115	-1.04	-10.614	1063.729	IDR
HSI	HANG SENG L.	20654.76	-0.13	-27.46	20682.22	HKD
SSEC	SSE COMPOSITE	3101.8854	0.72	+22.077	3079.8077	CNY
N225	NIKKEI 225 IND.	27105.26	-1.63	-447.8	27553.06	JPY
FTSE	FTSE 100 IND.	7627.95	-0.02	-1.27	7626.22	GBP
VIX	IMM VOLATILITY	22.68			22.68	USD

Refinitiv Workspace – Saving Tiles Set and Option to Automatically Open Tile Set

User can save their Tile Set with specific name.

And if needed, Tile Set can be set to automatically open when login to Refinitiv Workspace



Thank you