



Type **APPL RPRO&ltGO>** on your **Bloomberg Terminal®** to run the **RPRO platform**

**Bloomberg®**

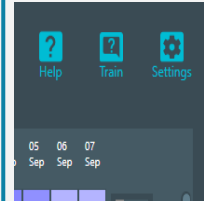
## Basic Navigation

Running the App will bring you to the main page. Trend direction and strength are displayed as blue and red cells in the upper grid. Blue is uptrending, red is down. The stronger the colour, the more power in either direction. **Scroll up/down or left/right** using scroll bars **[A1, A2]** Colour changes represent trend reversals on any given timeframe. Reversal levels are known in advance. **Right click a row** in the heatmap to reveal a dropdown menu. RPRO Chart for custom chart in the lower panel. Colours match the heatmap at each date. To **remove chart** hit X **[B]**



## Settings Tab

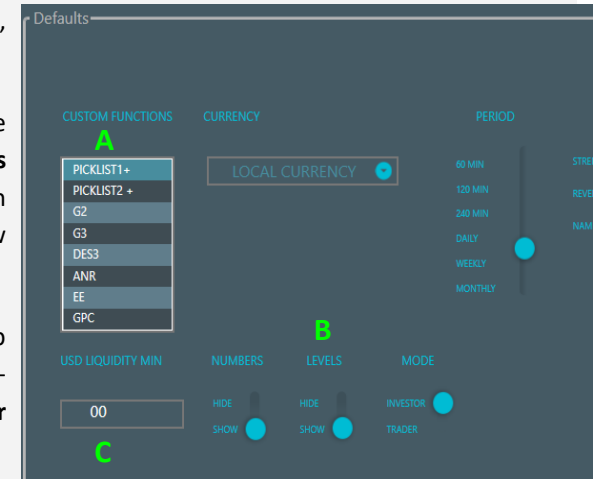
Adjust defaults **Settings** tab top toolbar, right hand side: .



Create and choose **Custom Functions** for integration with Bloomberg workflow **[A]**

Show momentum values on heatmap cells (**Numbers**); Reversal **Levels** in progress bars; or toggle between **Investor** and **Trader** mode **[B]**

Choose size cut off for list drill downs **USD Liquidity Min [C]**



## Left Toolbar

The toolbar to the left of the heatmap grid allows you display list by **Name or Ticker [A]**

Generate heatmaps based on **absolute data or relative** to a chosen benchmark **[B]**

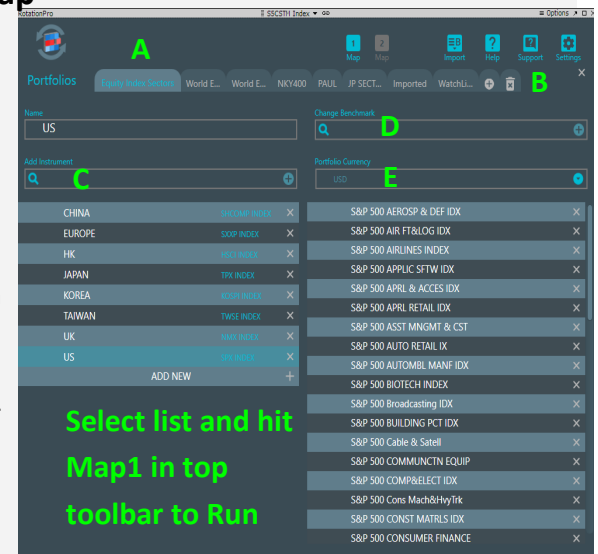
Sort by trend **Strength** at the last date, Distance to **Reversal** (colour change) or **Name** (alphabetical ascending) **[C]**

In Investor Mode **Timeframes** range from hourly to monthly intervals **[D]** In Trader Mode the range is five minute to daily intervals **[E]**



## Portfolio View & Run Heatmap

Lists are stored in **Portfolio** page. Access through Portfolio icon in Heatmap view. Here you can choose from pre-loaded default lists or create your own custom lists. **Tabs** in the upper part of the page house different categories **[A]** Add or delete tabs **[B]** and name as desired. **Add ticker to a list [C]** - start typing name or ticker, choose from the intellisense dropdown list, select and hit plus. **Change benchmark [D]** in the same manner. Choose **portfolio currency** from a dropdown menu **[E]** Local defaults tickers to base currency, use for multi country lists.





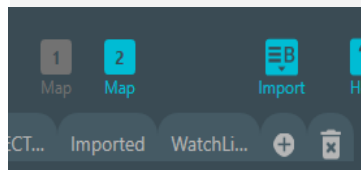
For Portfolio Managers, Buy and Sell Side Traders, Analysts, Brokers and Sales Traders

## Importing Lists Using PRTU

Creating new lists in your Bloomberg terminal PRTU (portfolio administration function) is simple.

You can either do it manually, or else create a list in excel and drag the selection into the **PRTU Create** view.

To Import PRTU into RPRO select the Import icon in the Portfolio page.

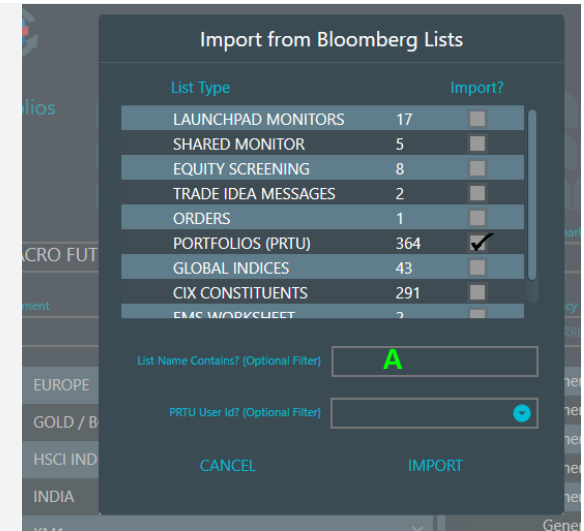


| 1 Create                                                                                                              | 2 Remove | 3 Share      | 4 Actions   | Portfolio Administration |           |          |           |      |         |             |
|-----------------------------------------------------------------------------------------------------------------------|----------|--------------|-------------|--------------------------|-----------|----------|-----------|------|---------|-------------|
| Portfolio                                                                                                             |          | Portfolio    | Asset Class | PORT Status              | Benchmark | Owner    | Privilege | CCY  | Num     | Last Update |
| Port Groups                                                                                                           |          |              |             |                          |           |          |           |      |         | mm/dd/yyyy  |
| Benchmarks                                                                                                            |          |              |             |                          |           |          |           |      |         |             |
| Trash Can                                                                                                             |          |              |             |                          |           |          |           |      |         |             |
| Proxies                                                                                                               |          |              |             |                          |           |          |           |      |         |             |
| 11                                                                                                                    |          | DOWN ROC OP  | Equity      |                          |           | Owner    | JPY       | 95   | 2/23/17 |             |
| 12                                                                                                                    |          | JAPAN LONG S | Equity      |                          |           | Owner    | JPY       | 3    | 2/21/17 |             |
| 13                                                                                                                    |          | NIKKEI 400   | Equity      |                          |           | Owner    | JPY       | 56   | 2/7/17  |             |
| 14                                                                                                                    |          | PAUL UDALL   | Equity      |                          |           | DOM HICK | USD       | 3    | 2/1/17  |             |
| 15                                                                                                                    |          | S&P500 INDEX | Equity      |                          |           | Owner    | USD       | 91   | 2/15/17 |             |
| 16                                                                                                                    |          | SPX SECTORS  | Equity      |                          |           | Owner    | USD       | 93   | 2/15/17 |             |
| 17                                                                                                                    |          | TOPIX MEMBE  | Equity      |                          |           | Owner    | JPY       | 94   | 2/16/17 |             |
| 18                                                                                                                    |          | TPCOMM       | Equity      |                          |           | Owner    | JPY       | 59   | 2/8/17  |             |
| 19                                                                                                                    |          | TPCONT       | Equity      |                          |           | Owner    | JPY       | 60   | 2/8/17  |             |
| 20                                                                                                                    |          | TPELEC       | Equity      |                          |           | Owner    | JPY       | 61   | 2/8/17  |             |
| 21                                                                                                                    |          | TPELMH       | Equity      |                          |           | Owner    | JPY       | 63   | 2/8/17  |             |
| 22                                                                                                                    |          | TPFINC       | Equity      |                          |           | Owner    | JPY       | 62   | 2/8/17  |             |
| 23                                                                                                                    |          | TPFISH       | Equity      |                          |           | Owner    | JPY       | 64   | 2/8/17  |             |
| 24                                                                                                                    |          | TPFOOD       | Equity      |                          |           | Owner    | JPY       | 65   | 2/8/17  |             |
| 25                                                                                                                    |          | TPGLAS       | Equity      |                          |           | Owner    | JPY       | 66   | 2/8/17  |             |
| 26                                                                                                                    |          | TPHUS        | Equity      |                          |           | Owner    | JPY       | 67   | 2/8/17  |             |
| 27                                                                                                                    |          | TPIRON       | Equity      |                          |           | Owner    | JPY       | 68   | 2/8/17  |             |
| 28                                                                                                                    |          | TPLAND       | Equity      |                          |           | Owner    | JPY       | 69   | 2/8/17  |             |
| 29                                                                                                                    |          | TPMACH       | Equity      |                          |           | Owner    | JPY       | 70   | 2/8/17  |             |
| 30                                                                                                                    |          | TPMART       | Equity      |                          |           | Owner    | JPY       | 71   | 2/8/17  |             |
| 31                                                                                                                    |          | TPMETL       | Equity      |                          |           | Owner    | JPY       | 72   | 2/8/17  |             |
| 32                                                                                                                    |          | TPMINN       | Equity      |                          |           | Owner    | JPY       | 73   | 2/8/17  |             |
| 33                                                                                                                    |          | TPBNBK       | Equity      |                          |           | Owner    | JPY       | 74   | 2/8/17  |             |
| 34                                                                                                                    |          | TPNCHM       | Equity      |                          |           | Owner    | JPY       | 75   | 2/8/17  |             |
|                                                                                                                       |          |              |             |                          |           |          |           | Zoom | 100%    |             |
| Australia 61 2 9777 8000 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 5204 4200 Hong Kong 852 2977 6000 |          |              |             |                          |           |          |           |      |         |             |
| Japan 81 3 3201 6900 Singapore 65 6212 1000 U.S. 1 212 318 2000                                                       |          |              |             |                          |           |          |           |      |         |             |
| Copyright 2017 Bionik Finance, L.P.<br>SN 146693 9178-2063-1 25-62-17 13:38:44 JST GMT                                |          |              |             |                          |           |          |           |      |         |             |

## Import button

In the Import page you can select to import LP Monitors, EQS pages, TMSGs, Portfolios and more besides.

You can filter what is imported by adding the Name of list in the text box  
**[A]** New lists will populate the Imported tab in the Portfolio page.

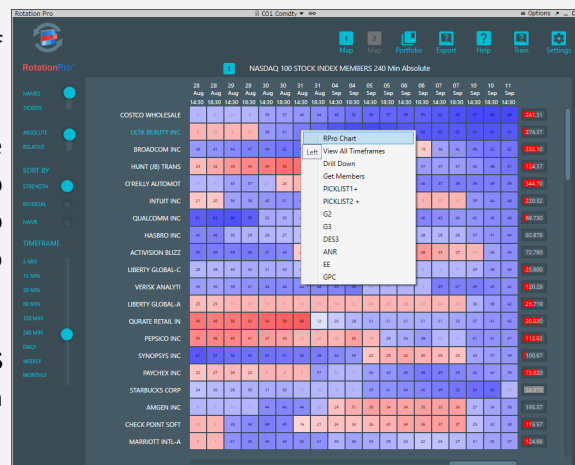


## Creating Watchlists

You have the option to put securities of interest into a **watchlist**.

When looking through long or multiple heatmaps it can be very useful to shortlist good set ups elsewhere, to return to for further analysis or just to have on a shorter watchlist.

Click on a row, select from **PICKLISTS** and the tickers will go to a new list in Watchlist tab on Portfolio page.

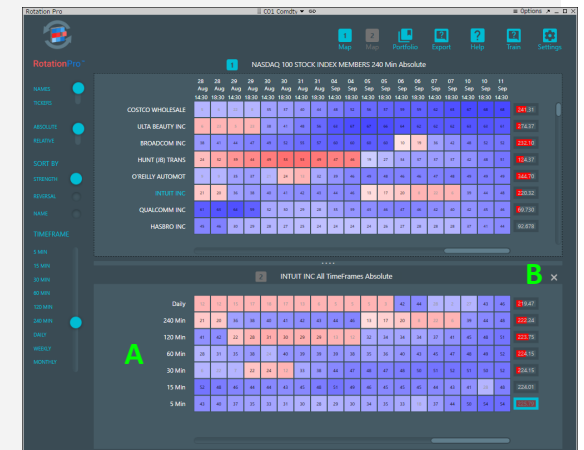


## Multi Timeframes

Right click any cell in a heatmap row and choose **View All Timeframes**.

This will generate a subwindow **[A]** that allows you see heatmaps of that instrument in different timeframes at the same time. This is very useful for ascertaining context and granularity around your trading timeframe.

Single click any row in the multi timeframe window to **generate a custom chart** in the upper panel. Click **X [B]** in top right of either window to return to main heatmap.



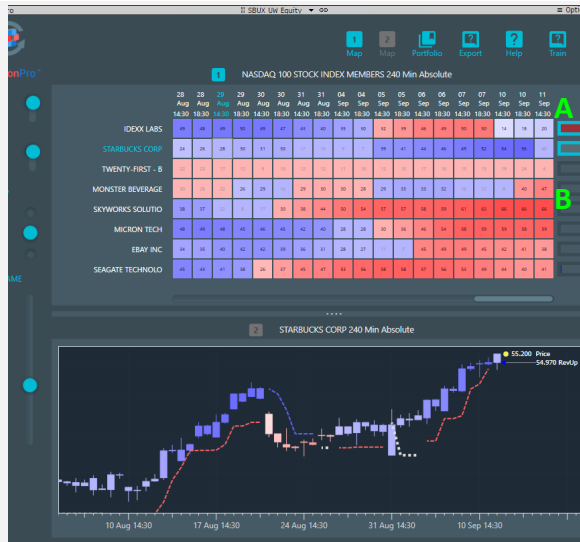
*RotationPro: a high performance intuitive way to look at your markets*

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**Progress Bars**

Progress bars show the **proximity of a colour change** - blue to red for a down reversal; red to blue for up. These are known ahead of time and represent the edge of risk. You can **Show Levels** in the bars in Settings.

An **empty progress bar [A]** means that the reversal level is more distant. A **full progress bar [B]** means that a reversal is imminent and the trend is near its end. A blue frame means a reversal is underway. The colour of the progress bar is the colour the heatmap will become after reversal.

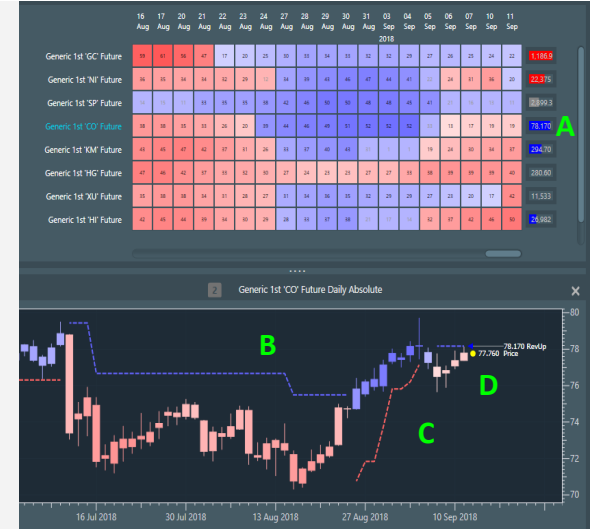
**Distance To Reversal**

The heatmap here shows a range of different progress bars.

Hovering over the progress bar reveals the **percentage change to reversal [A]**

The reversal level, known in advance, is shown on the chart as either a blue or red line **[B, C]** Grey chart lines, greyed numbers in the heatmap and grey progress bars signify no trend phases. Last price is shown as a yellow dot **[D]**

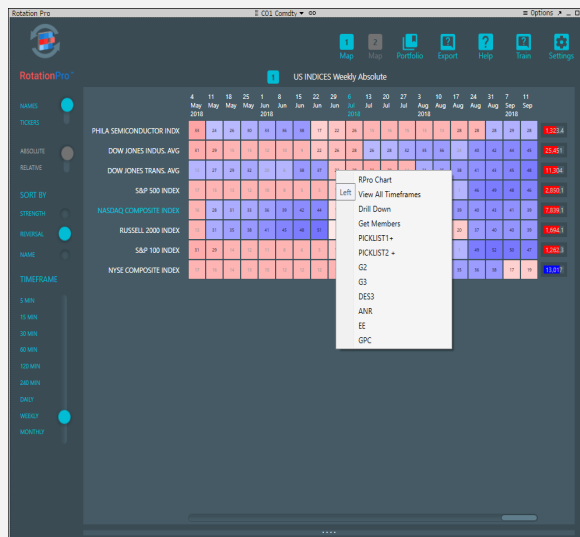
You can sort the heatmap by distance to Reversal in the left toolbar.

**Get Members**

You can generate member lists of sectors or indices by right click a heatmap row for either and choosing **Get Members**.

This will take you to the portfolio page where you can run the heatmap by hitting **Map 1** in the top toolbar.

The list automatically sets the benchmark as the sector or index.

**Further Training**

We have created comprehensive training manuals which are accompanied by videos which can be viewed directly in your Bloomberg terminal. Please reach out if you need immediate one on one training.

{IB CHRISTOPHER GRAFTON&ltGO>}

{IB DOMINIC HICKLIN&ltGO>}