

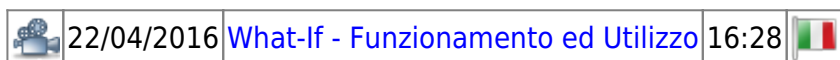
Strategy - What-If

In this section you have the opportunity to check what will happen to its strategy in the market conditions that you assume. Starting from the basic strategy, you can change the date, the price of the underlying and volatility and test up to four possible future moves.

The theoretical prices used in the What-If are calculated with the new Internal Market Maker Iceberg, prices do not move only according to the user's assumptions, but also with the volatility surface to which user wants to refer. Default is always used a flat volatility surface. To use a different volatility surface, it can be loaded as explained below.

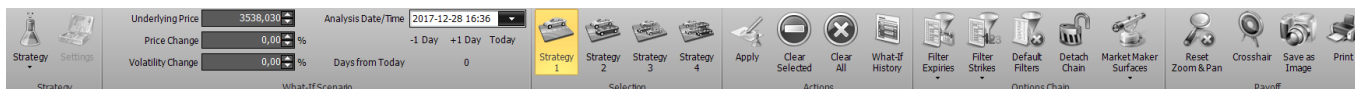
The internal **Market Maker** acts in the same way the real **Market Maker** acts under the same market conditions

Video Tutorial



Click [here](#) to watch other **Video di Iceberg**

The menu



Strategy





| | |
|----------------------|--|
| <p>Strategy</p> | <p>It open the submenu Strategy</p> |
| <p>New Strategy</p> | <p>It create a new Strategy</p> |
| <p>Open Strategy</p> | <p>It open a previously saved strategy</p> |
| <p>Save Strategy</p> | <p>It saves the strategy currently in use.</p> |

What-If Scenario





- Underlying Price

- Price Change
- Volatility Change
- Analysis Date/Time
- Days from Today








Selection

| | |
|---|--|
|  Strategy 1 | It select the strategy 1, by this time all the operations will be performed on this strategy and on the cyan color payoff |
|  Strategy 2 | It select the strategy 2, by this time all the operations will be performed on this strategy and on the magenta color payoff |
|  Strategy 3 | It select the strategy 3, by this time all the operations will be performed on this strategy and on the yellow color payoff |
|  Strategy 4 | It select the strategy 4, by this time all the operations will be performed on this strategy and on the orange color payoff |





Actions

| | |
|---|--|
|  Apply | it confirm transactions with the current settings. When the Apply button is clicked, the system saves the transactions in the window What-If History .For more information on window What-If History , click qui |
|  Clear Selected | It delete all orders of the selected strategy and return to the starting strategy |
|  Clear All | It delete all orders, practically it start a new What-If session |
|  What-If History | it open the window What-If History in which are stored all operations realized by What-If |

Options Chain

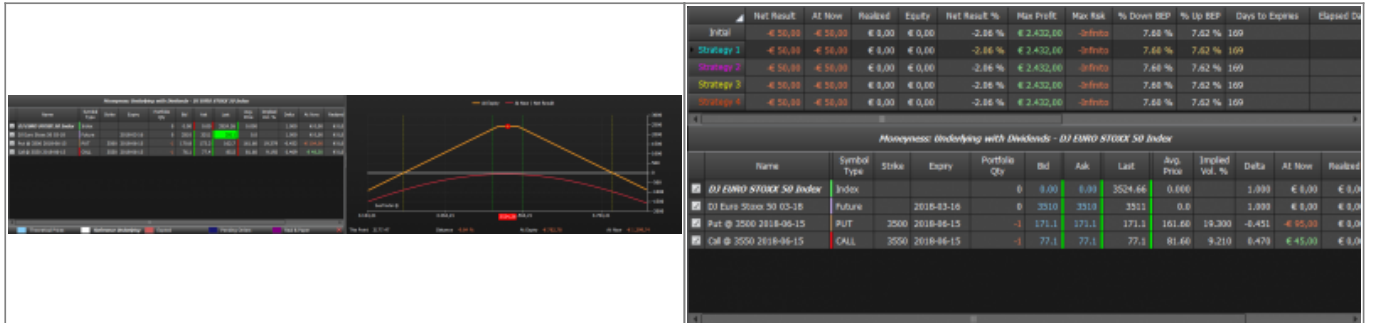
| | |
|---|---|
|  <p>Filter Expiries</p> | <p>It allows you to filter the deadlines visible on Chain Opzioni. For more on Chain Opzioni, click qui</p> |
|  <p>Filter Strikes</p> | <p>It allows you to filter the strike visible on Chain Opzioni. For more on Chain Opzioni, click qui</p> |
|  <p>Default Filters</p> | <p>It allows you to delete changes to the expiries filters and / or strikes and return to the default display</p> |
|  <p>Market Maker Surfaces</p> | <p>It open the submenu Market Maker Surfaces the tool that allows the processing of the volatility surface on which theoretical prices are calculated</p> |
|  <p>Edit/Acquire Surfaces</p> | <p>It start the window Market Maker Surfaces for the selected underlying and it acquire the current market volatility surface</p> |
|  <p>Open Surface</p> | <p>It starts the window Market Maker Surfaces for the selected underlying and it allows to use previously saved strategy</p> |
|  <p>Save Surface</p> | <p>It save te current surface for future use</p> |

Payoff

| | |
|---|--|
|  <p>Reset Zoom & Pan</p> | <p>it reset the zoom and then return to the original display</p> |
|  <p>Cross Hair</p> | <p>it enable or disable the Crosshair for Payoff</p> |
|  <p>Save as Image</p> | <p>it allows you to save the Payoff of Strategy currently in use in image format (*.png). The image will be saved to the Pictures folder of beeTrader, in the user's Documents</p> |
|  <p>Print</p> | <p>It allows you to print the Payoff of Strategy currently in use. Feature available on the PC in use if there is a printer</p> |

Example of What-If

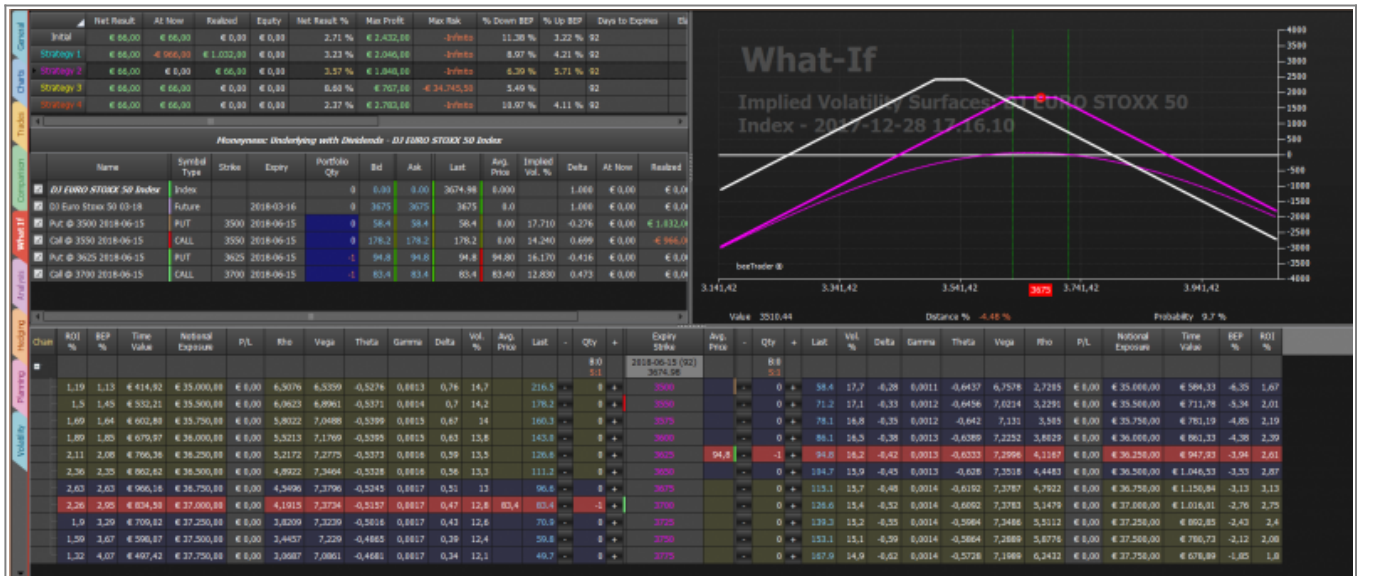
1. Suppose we have a strangle on FTSE MIB 40 Index with the underlying at 17000, therefore - 1 put 15000 e - 1 call 19000 on expiry 06/2016



2. Switching on What-If tab we can see that all properties (main strategy and the four possibilities of what-if, are equal). Next to it there is the panel that lets you to set the parameters like future underlying price to see what would happen to the strategy in those conditions



3. For example whether the price going to 19000 on 20/05/2016.



4. The put 15000 gain 762,50 € while the call 19000 loss 770,00€. At this point you can use the four strategies available to study whats you would do

The screenshot displays a comprehensive 'What-If' analysis tool for the DJ EURO STOXX 50 Index. It is divided into several key sections:

- Summary Table:** Located at the top left, it provides a high-level overview of the portfolio's performance, including Net Result, At Now, Realized, Equity, Net Result %, Max Profit, Max Risk, % Down BEP, % Up BEP, and Days to Expires.
- Positions Table:** Below the summary, it lists individual positions with details such as Name, Symbol Type, Strike, Expiry, Portfolio Qty, Bid, Ask, Last, Avg. Price, Implied Vol., Delta, At Now, and Realized.
- Chart Table:** A large table at the bottom left containing detailed Greeks (Rho, Vega, Theta, Gamma, Delta, Vol. %) and other metrics for each position.
- What-If Graph:** On the right side, a graph titled 'Implied Volatility Surfaces' shows multiple curves representing different volatility scenarios. The x-axis represents the Index value, and the y-axis represents the implied volatility percentage. A red dot indicates the current market state.
- Comparison Payoff Settings Dialog:** A small window is open in the foreground, allowing the user to select different strategies (Strategy 1 through Strategy 4) and their corresponding legs for comparison.



5. In the upper section of the What-If the properties are displayed for all four possible changes. You can view them individually or simultaneously on the payoff simply by toggling the Strategy from the right mouse menu

| Underlying Price | Impl. Volatility Change % | Analysis Date | Asset Name | Quantity | Price | Realized | At Now | Implied Volatility | Delta | Gamma | Theta | Vega | Rho | TimeValue |
|------------------|---------------------------|---------------|------------------------|----------|-------|------------|--------|--------------------|--------|-------|--------|-------|-------|-----------|
| 3674.97743 | 0 | 2018-03-15 | Put @ 3500 2018-06-15 | 1 | 58.4 | € 1.032,00 | € 0,00 | 17.71 | -0.276 | 0.001 | -0.644 | 6.758 | 2.72 | 58.433 |
| 3674.97743 | 0 | 2018-03-15 | Call @ 3550 2018-06-15 | 1 | 178.2 | -€ 966,00 | € 0,00 | 14.24 | 0.699 | 0.001 | -0.537 | 6.896 | 6.062 | 53.221 |
| 3674.97743 | 0 | 2018-03-15 | Call @ 3700 2018-06-15 | -1 | 83.4 | € 0,00 | € 0,00 | 12.83 | 0.473 | 0.002 | -0.516 | 7.373 | 4.191 | 83.45 |
| 3674.97743 | 0 | 2018-03-15 | Put @ 3625 2018-06-15 | -1 | 94.8 | € 0,00 | € 0,00 | 16.17 | -0.416 | 0.001 | -0.633 | 7.3 | 4.117 | 94.793 |

6. Once you decided the change of the strategy (we suppose the strategy 3, the yellow one) you have to click on "Apply" button, Now the change is saved and you can proceed with a new simulation step.



All changes made to the starting strategy are saved in **What-If History**, dove verrà creata una nuova sezione per ogni nuova sezione di What-If effettuata sulla strategia. \
 Andrea che vuol dire?

What-If History

| Date | Notes | | | | | | | | | | | | | |
|---|---------------------------|---------------|-------------------------|----------|-------|----------|--------|--------------------|--------|-------|---------|--------|-------|-----------|
| 2016-04-05 16.57.00 | | | | | | | | | | | | | | |
| 2016-04-05 16.57.00 | | | | | | | | | | | | | | |
| Drag a column header here to group by that column | | | | | | | | | | | | | | |
| Underlying Price | Impl. Volatility Change % | Analysis Date | Asset Name | Quantity | Price | Realized | At Now | Implied Volatility | Delta | Gamma | Theta | Vega | Rho | TimeValue |
| 19000 | 0 | 2016-05-20 | Put @ 15000 2016-06-17 | 1 | 14 | € 765,00 | € 0,00 | 41,71 | -0,017 | 0 | -5,125 | 6,893 | 0,265 | 14,331 |
| 19000 | 0 | 2016-05-20 | Call @ 18300 2016-06-17 | 1 | 698 | € 0,00 | € 0,00 | 18,74 | 0,71 | 0 | -6,856 | 19,441 | 9,819 | 198,122 |
| 19000 | 0 | 2016-05-20 | Put @ 18000 2016-06-17 | -1 | 336 | € 0,00 | € 0,00 | 35,95 | -0,274 | 0 | -12,164 | 19,184 | 4,253 | 335,89 |

Right-click to perform actions on What-If History

From: http://manuals.playoptions.it/Iceberg_old/ - Iceberg Options Solutions

Permanent link: http://manuals.playoptions.it/Iceberg_old/en/what-if?rev=1514476775

Last update: **2017/12/28 16:59**