

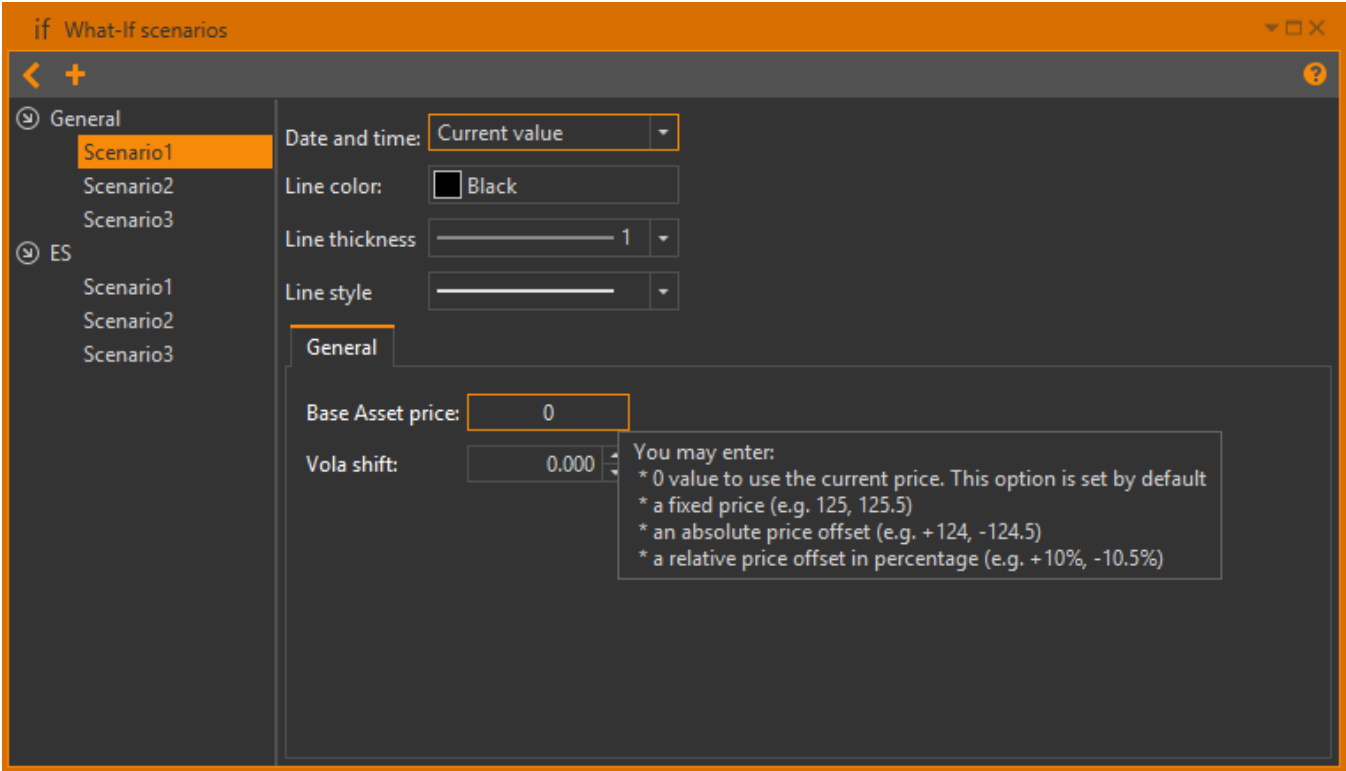
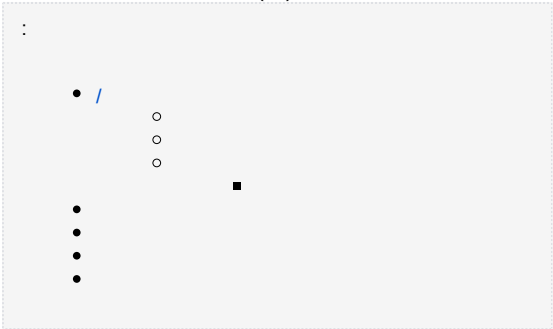
What-If

What-if

OptionWorkshop :

- – (: , ,);
- –

What-If scenarios **if** (. 1).



1 – What-If scenarios



/

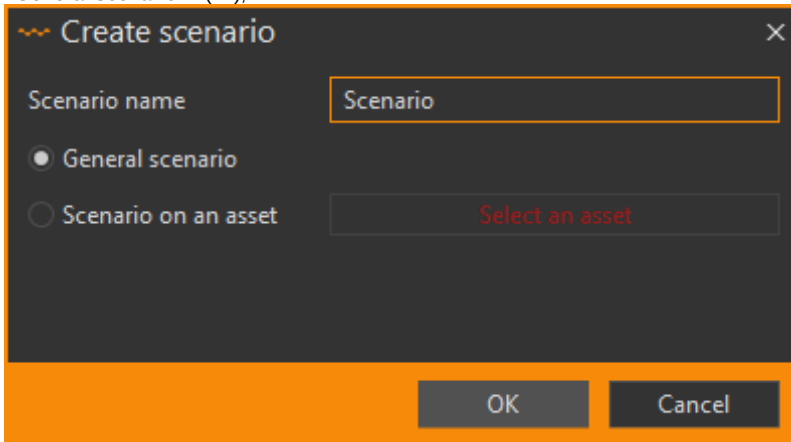
- :
1. What-If – ;
 2. .

:

1.  What-If scenarios;

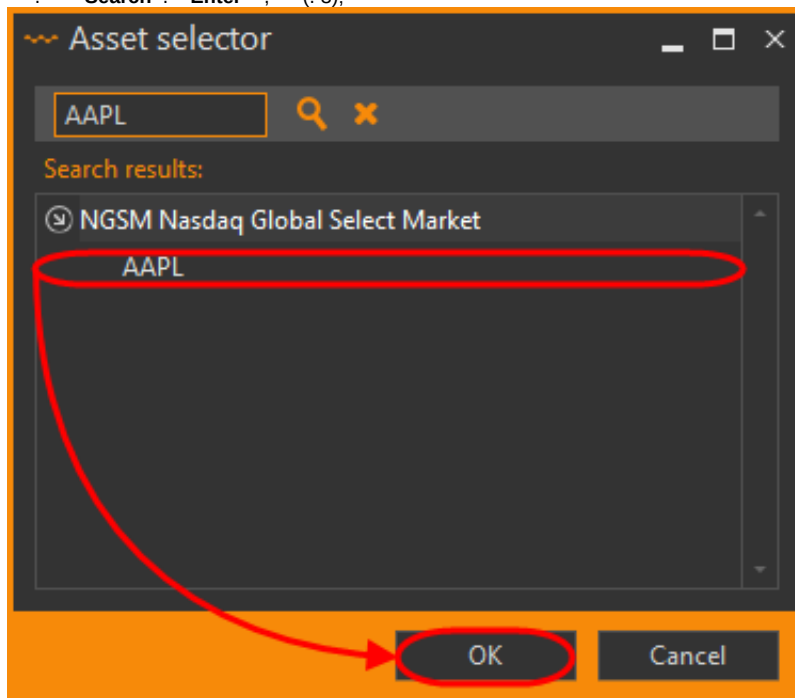
2. Scenarios name;
3. General scenario (. 2);



The 'Create scenario' dialog box has a title bar with a close button. It contains a 'Scenario name' text field with the value 'Scenario'. Below it are two radio buttons: 'General scenario' (selected) and 'Scenario on an asset'. The 'Scenario on an asset' option is disabled, showing a red 'Select an asset' message. At the bottom are 'OK' and 'Cancel' buttons.

2 –
:

- a. Scenario on an asset;
- b. Select an asset;
- c. Search . Enter , (. 3);



The 'Asset selector' dialog box has a search bar at the top containing 'AAPL' with a magnifying glass icon and a close button. Below the search bar, it says 'Search results:'. A list box shows two items: 'NGSM Nasdaq Global Select Market' and 'AAPL'. The 'AAPL' item is highlighted with a red oval. A red arrow points from this oval to the 'OK' button at the bottom, which is also circled in red. A 'Cancel' button is next to it.

- d. OK (. 3).

4. OK .

Create scenario

×

Scenario name

Scenario

☐ General scenario

☒ Scenario on an asset

AAPL

OK

Cancel

4 –

General, (. 5) :

What-If scenarios

⌵

⌵

×

?

⌵

+

⌵

General

Scenario1

Scenario2

Scenario3

⌵

ES

Scenario1

Scenario2

Scenario3

Date and time:

Current value

Line color:

Black

Line thickness:

1

Line style:

General

Base Asset price:

0

Vola shift:

0.000

You may enter:

* 0 value to use the current price. This option is set by default

* a fixed price (e.g. 125, 125.5)

* an absolute price offset (e.g. +124, -124.5)

* a relative price offset in percentage (e.g. +10%, -10.5%)

5 –

- Date, Time – . . . :
 - Current value – ();

Current value

⌵

6 –
 - Absolute value – ;

Absolute value

⌵

Date:

03/05/2013

⌵

Time:

14:09

7 –

- **Relative value** – . «+» , «-» – .

Relative value

Offset: **+** **-**

Days:

Hours:

Minutes:

8 –

- **Line color** – . ;
- **Line thickness** – ;
- **Line style** – (,) ;
- **Base asset price** – . . :
 - «0» – () ;
 - «100500» – ;
 - «+100» – 100;
 - «-500» – 500;
 - «+10%» – 10%;
 - «-5%» – 5%.
- **Vola shift** –

, (. 9).

if What-If scenarios

< + ?

General

Scenario1

Scenario2

Scenario3

ES

Scenario1

Scenario2

Scenario3

Date and time:

Line color:

Line thickness:

Line style:

CME.ES.F.M16 ES 6/17/2016 CME.ES.F.U16 ES 9/16/2016

Price:

9 –

:

- **Date, Time** – (.. /).
 - **Current value** – () ;
 - **Absolute value** – ;
 - **Relative value** – .
- **Line color** – ;
- **Base asset price** – .



/ . . .

, , «ES 6/17/2016», «ES 9/16/2016».

Strike	Vola
800.0	-2
825.0	25
850.0	10
875.0	0
900.0	4
925.0	-10.6
950.0	9
975.0	0
1000.0	12.8

10 –

(, «0», «20», «-8.5»). . , Enter .

Strike	Vola
800.0	-2
825.0	25
850.0	10
875.0	0
900.0	4
925.0	-10.6
950.0	9
975.0	0
1000.0	12.8

11 –

- .
- :
- «50» – ;
 - «+10» – 10;
 - «-5» – 5. .

$$V_{\text{final}} = V_{\text{market}} + V_{\text{offset}} + V_{\text{shift}}$$

- «+10%» – 10%;
- «-5%» – 5%. .

$$V_{\text{final}} = V_{\text{market}} * (1 + V_{\text{offset}} \% / 100\%) + V_{\text{shift}}$$

«0». . . - .



. . .

Futures price (. 12) :

if What-If scenarios

< +

General

- Scenario1
- Scenario2
- Scenario3

ES

- Scenario1
- Scenario2
- Scenario3

Date and time: Current value

Line color: #FFF5AF01

Line thickness: 1

Line style: - - - - -

CME.ES.F.M16 ES 6/17/2016 CME.ES.F.U16 ES 9/16/2016

Price: 100

12 –

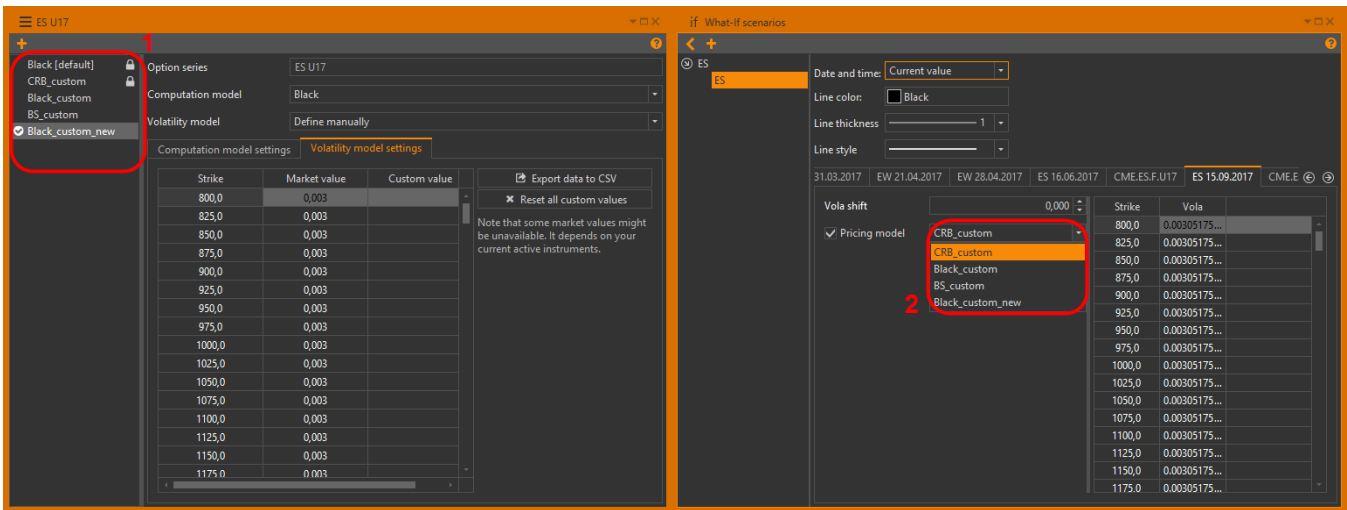
- – 0 . . ;
- – . . , 125.5, 125.0, 125;
- – (,), . . , +124.5, -124.5, +124, -124. . ;

$$P_{\text{final}} = P_{\text{market}} + P_{\text{offset}}$$

- – () , . . , +10.5%, -10.5%, +10%, -10%. .

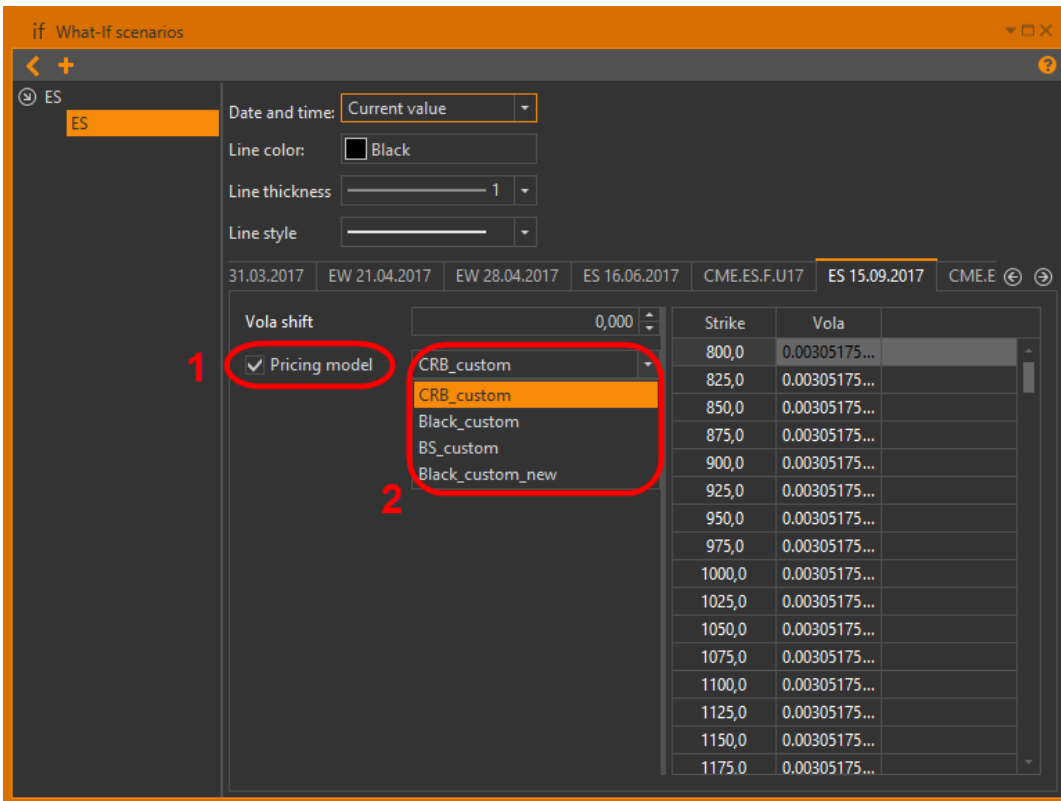
$$P_{\text{final}} = P_{\text{market}} * (1 + P_{\text{offset}}\% / 100\%)$$

. . .



13 –

Pricing model



14 –

, what-if .

Rename , .

Rename scenario

Scenario name

Scenario

OK

Cancel

15 –

OK.

:

- Delete , OK ,
- Delete , OK .

(. 14).

Positions

+

Accounts

Account1

AAPL

GOOG

+

Strategies

Strategies1

Strategies2

+

What-if

Market

Market

Scenario1

Scenario2

Scenario3

Scenario1

Scenario2

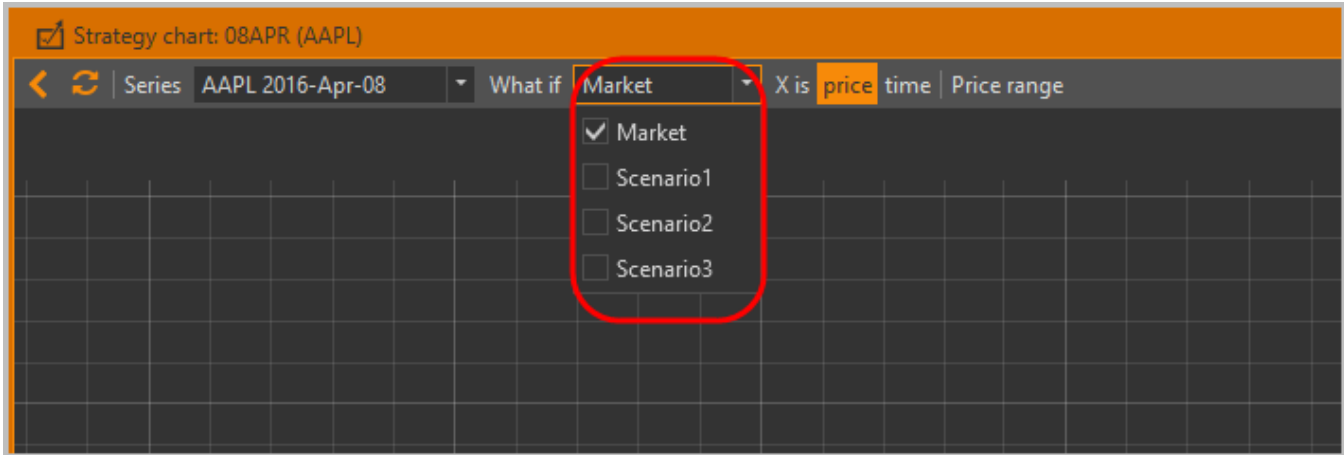
Scenario3

Chart

16 –

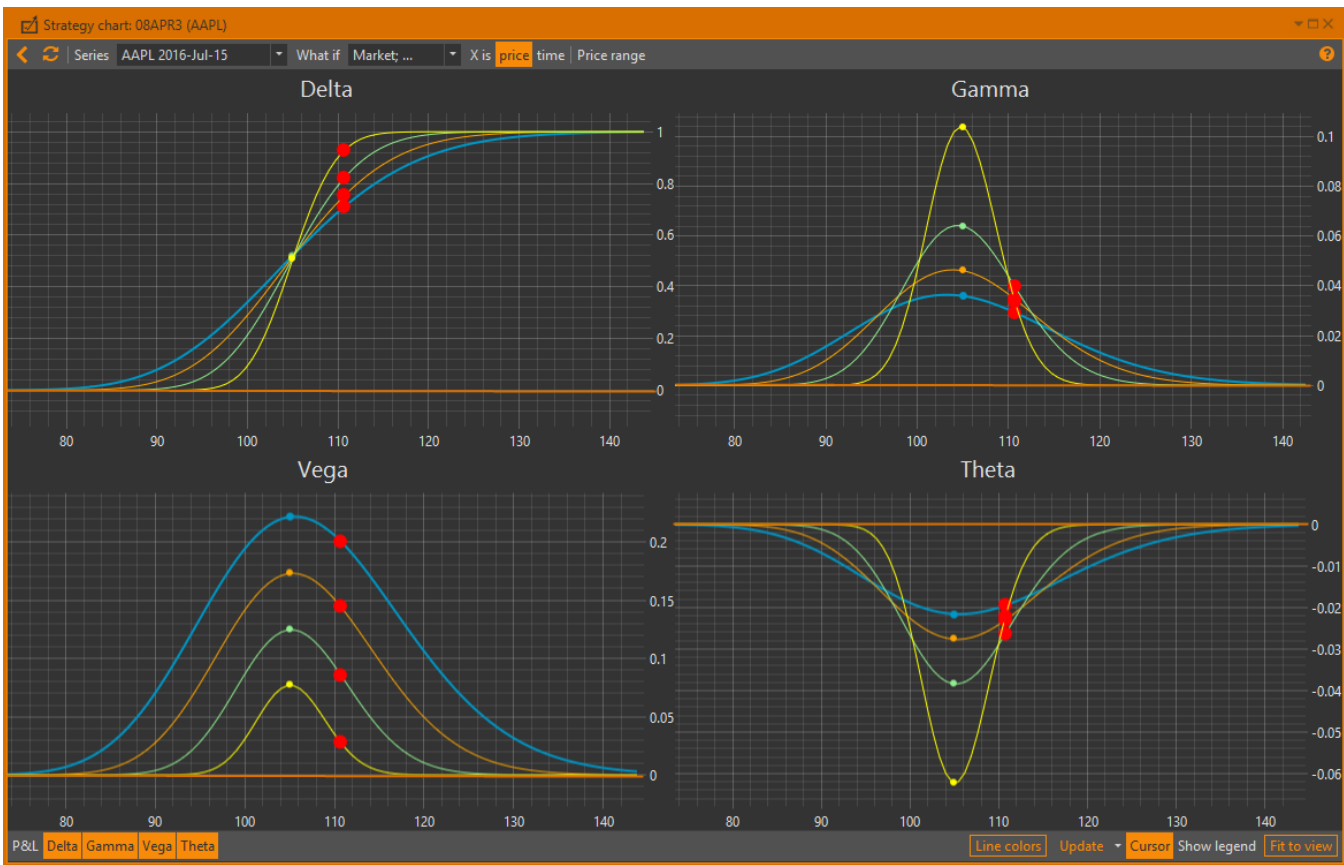
Market

(. 15).



17 –

Refresh () Click to apply changes. 16 . –



18 –

Market. .