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## **CDA\_BlackgoldImpulse LICENSE AGREEMENT**

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**CDA\_BlackgoldImpulse** indicator.

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CDA Reserves the right to package this indicator with other indicators which are subject to their own  
licensing agreement. The package will be a standard NinjaTrader 7 compatible NinjaScript Assembly,  
with a package "zip" file name that may vary from release to release.

## **CDA\_BlackgoldImpulse INSTALLATION**

Use the standard **Import NinjaScript...** utility accessed from the NT Control Center.  
If there is already a previously installed assembly with the same DLL file name, you should *first* un-install  
the earlier version, using the **Remove NinjaScript Assembly...** utility accessed from the NT Control  
Center.

## **CDA\_BlackgoldImpulse FUNCTION**

Signals impulsing price action and optimum long and short entry prices for the crude oil futures market;  
designed for use on a 9 range chart.

## **CDA\_BlackgoldImpulse RUNTIME PARAMETERS**

Parameters are organized in sections and are context-enabled/disabled based on value of others.

There is extensive tracing capability, in case there is a need to request help.

**Parameter** property grid section:

|                              |   |
|------------------------------|---|
| <b>AlertEnabled</b>          | If true, price alerts will be enabled<br><i>Default: false</i>  |
| <b>AlertMessage</b>          | Text of message for alerts and speech<br><i>Default: CRUDE OIL IS IMPULSING....</i>                       |
| <b>DrawLines</b>             | If true, enables drawing of vertical signal lines on change of impulse direction.<br><i>Default: True</i> |
| <b>EnableEntrySignal</b>     | If true, enables entry signal feature (Arrows).<br><i>Default: True</i>                                   |
| <b>EnableFasterDetection</b> | If true, enables a faster impulse signal detection feature.<br><i>Default: True</i>                       |
| <b>EnableMACDSignal</b>      | If true, enables MACD divergence filter feature.<br><i>Default: True</i>                                  |
| <b>EntrySignalMargin</b>     | Ticks within optimum entry price for entry signal.<br><i>Default: 1</i>                                   |
| <b>PaintPriceBars</b>        | If true, will colors qualified pivot bars.<br><i>Default: true</i>  |
| <b>EntryMargin</b>           | If true, will colors qualified pivot bars.<br><i>Default: true</i>  |
| <b>SoundLocation</b>         | The file pathname of the sound file for alert sound.<br><i>Default: @"sounds\Alert4.wav"</i>              |
| <b>SpeechEnabled</b>         | If true, will convert AlertMessage text to speech.<br><i>Default: false.</i>                              |

**Visual** property grid section:

|                                     |   |
|-------------------------------------|---|
| <b>Color of Falling Impulse Bar</b> | Color of falling impulse bars.<br><i>Default: Red</i>         |
| <b>Color of Rising Impulse Bars</b> | Color of rising impulse bars.<br><i>Default: Cyan</i>         |
| <b>Default Bar Color</b>            | Default price bar color.<br><i>Default: Lime</i>              |
| <b>Impulse Start Down Color</b>     | Color of impulse down start line.<br><i>Default: Magenta</i>  |
| <b>Impulse Start Up Color</b>       | Color of impulse up start line.<br><i>Default: DodgerBlue</i> |
| <b>Impulse Start Line Style</b>     | Style of impulse start lines.<br><i>Default: Solid</i>        |
| <b>Impulse Start Line Width</b>     | Width of impulse start lines.<br><i>Default: 2</i>            |

**Trace/Logging** property grid section:

|                     |   |
|---------------------|---|
| <b>Enable Trace</b> | Enables printing for trace information to a file.<br>Should only be set to true to report problems and when requested; creates large files and can seriously impact performance.<br><i>Default: false</i> |
|---------------------|---|

|                              |  |
|------------------------------|--|
| <b>Trace File Folder</b>     | Location of trace file. <i>Default: C:\Temp</i>  |
| <b>Trace Filename Prefix</b> | Beginning part of trace file name. Indicator Name, 'Resistance' or 'Support', followed by 2-character MarketCode, and '.txt' will be appended to specified prefix. If null or fails to create, trace will be directed to Output Window. <i>Default: trace.</i> |
| <b>Trace Level</b>           | Regulates depth of trace details.<br>Used to support debugging; not available to end-user.<br><i>Default: 1</i>  |
| <b>RunLogEnabled</b>         | If true, will log user startup info into RunLogFilename.<br><i>Default: true</i>   |
| <b>RunLogFileFolder</b>      | Directory for run log files; should be periodically checked to ensure contents are not growing larger than desired or space available.<br><i>Default: C:\Temp\log</i>  |
| <b>RunLogFilename</b>        | Name of file in RunLogFileFolder to record run log info; will automatically be created if it doesn't exist.<br><i>Default: runLogInfo.txt</i>  |

**User Authentication** property grid section:

|                       |   |
|-----------------------|---|
| <b>EmailAddress</b>   | Purchasing email address used for authentication check. Also, facilitates communications of update notices and technical advisories.<br><i>Default: [ENTER YOUR EMAIL ADDRESS HERE]</i> |
| <b>License Issuer</b> | Licensor: Issurer of the license:<br>CDA->CriticalDataAssociates<br><i>Default: CDA</i>   |
| <b>Version</b>        | Version of the indicator– READ ONLY   |