

Vendor Licensing Quick Start Guide



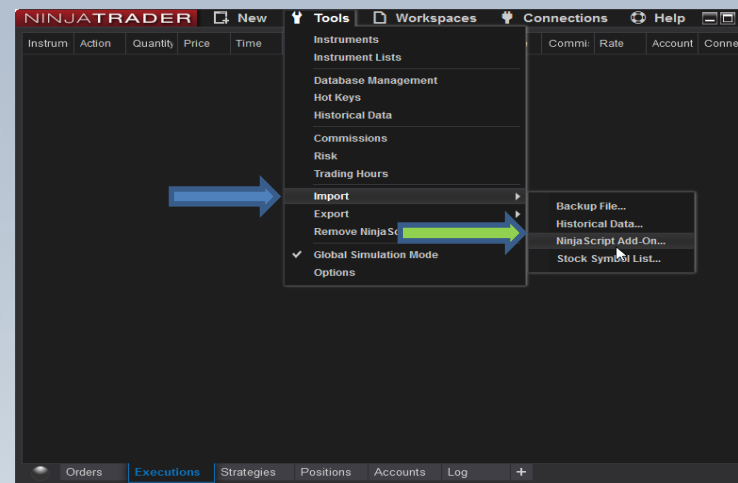
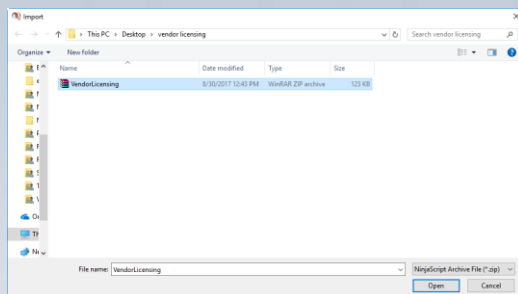
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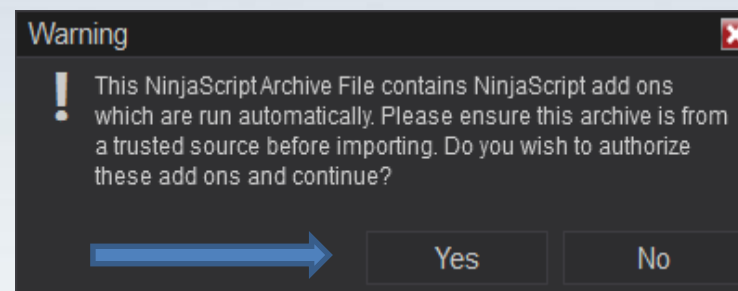


Install the NinjaTrader Vendor license zip file

- In the NinjaTrader 8 Control Center Navigate to Tools > Import > NinjaScript Add-On
- A windows file manager screen will open, please select the Vendor licensing Zip File
- Ensure the Vendor Licensing file has been selected and click Open

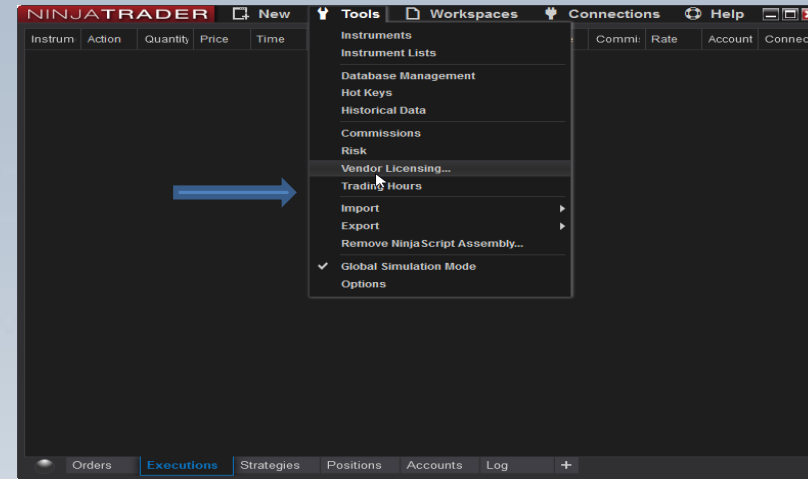


- Select Yes on the Warning popup to authorize the vendor licensing zip file and continue with the installation

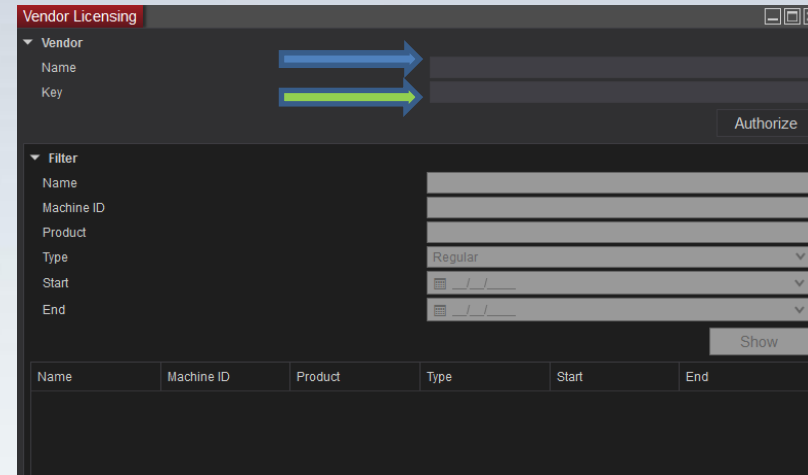


Enter Vendor licensing credentials

- To access the vendor licensing management window in NinjaTrader 8 from the Control center go to Tools > Vendor Licensing



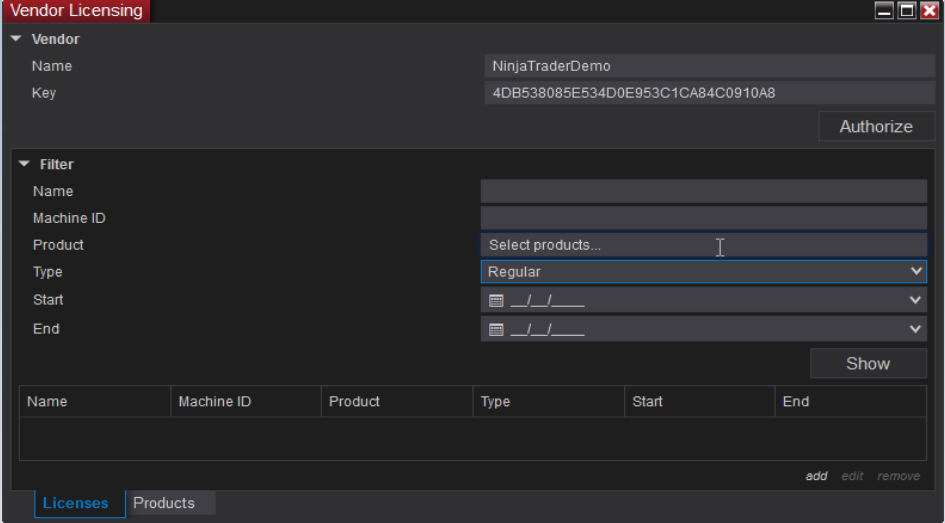
- Next, enter the Vendor Name and Vendor Licensing key provided to you by Business Development in the Vendor Licensing window
- Click Authorize to access Vendor Licensing functions
- Please note: If you are a first time user of vendor licensing you will not see any information about products or users in the Vendor Licensing window.



Navigating the Vendor Licensing window

Licenses Tab

- Name – Customizable field to identify end user of product. (Ex. John Smith Laptop)
- Machine ID/User defined ID – Provided by client
- Product – name of the product being licensed. This must match the product name used in your source code
- Type – You can license users for regular use or Trial
- Start Date – set this for when you would like the client to be authorized for use of the product
- End Date – set this for expiring the client's use of the product. For a lifetime purchase, you can use a date well into the future such as year 2067
- Show Button – Displays all licensing records



The screenshot shows the 'Vendor Licensing' window with the 'Licenses' tab selected. The window is divided into two main sections: 'Vendor' and 'Filter'.

Vendor Section:

- Name:** NinjaTraderDemo
- Key:** 4DB538085E534D0E953C1CA84C0910A8
- Authorize:** A button to authorize the license.

Filter Section:

- Name:** A text input field.
- Machine ID:** A text input field.
- Product:** A dropdown menu with the text 'Select products...' and a search icon.
- Type:** A dropdown menu with 'Regular' selected.
- Start:** A date picker with the format '___/___/___'.
- End:** A date picker with the format '___/___/___'.
- Show:** A button to display the licensing records.

Table:

Name	Machine ID	Product	Type	Start	End
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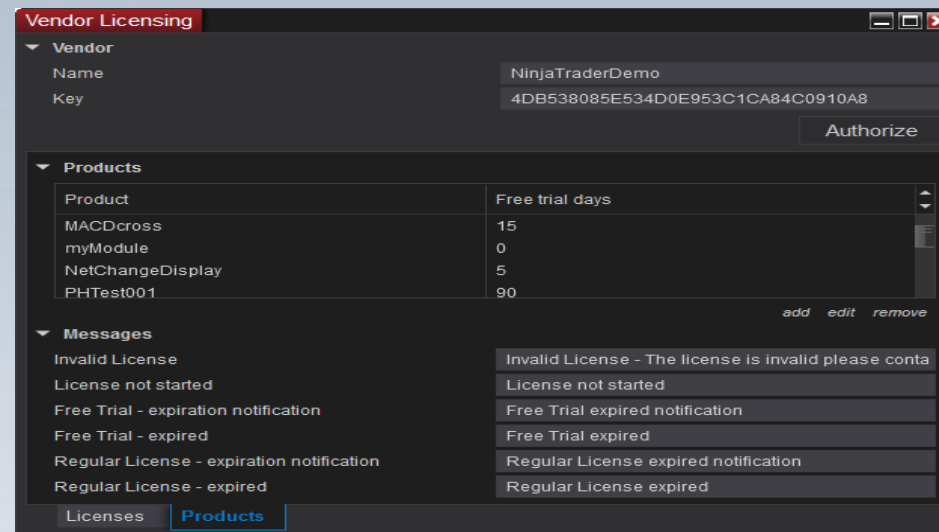
Buttons: At the bottom right of the table, there are three small buttons: 'add', 'edit', and 'remove'.



Navigating the Vendor Licensing window cont'd

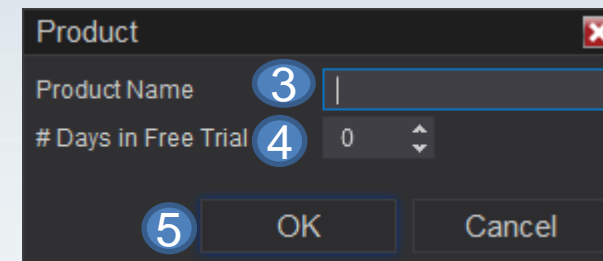
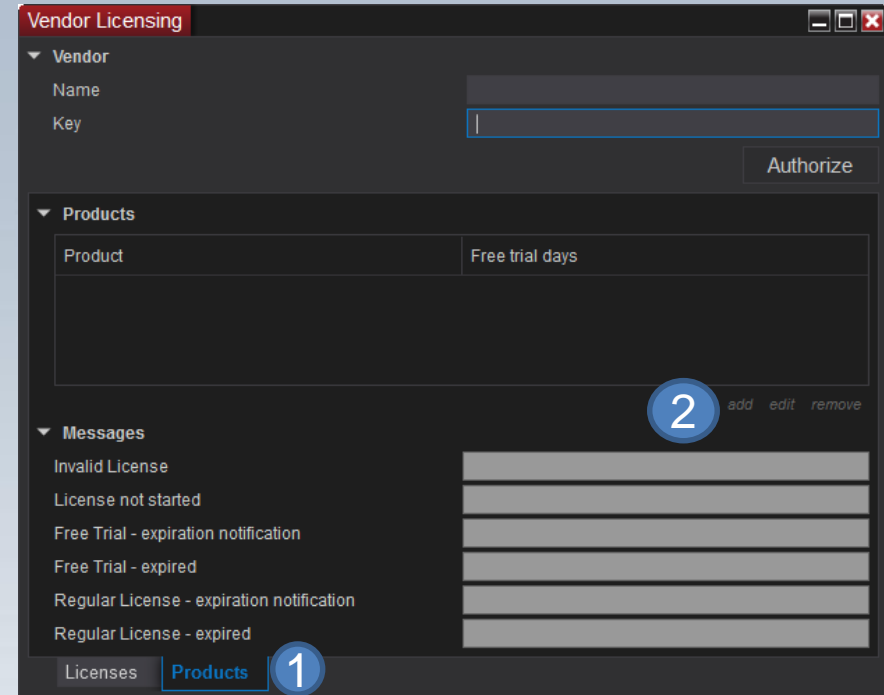
Products Tab

- Products – Add, edit or remove any product you plan to license
- Free Trials – you may set up free trials for any product when adding them to the vendor license window. One free trial period per module is permitted
- Messages – These are the popups clients will receive when their licenses are invalid or expired. These are customizable and should include a contact email.



How To Add Products

- A product name (or module) is a vendor defined name for an object or group of objects that you want to tie a license to. A module name lets you:
 - Have multiple NinjaScript objects with each object having its own module name, allowing you to create a separate license for each object on a unique PC machine ID value
 - Have multiple NinjaScript objects belonging to the same family, thus allowing you to have one module name representing the entire family of objectsCreating a product name is optional. If you do not create one, the product will be used for licensing your products.
- To create a product name:
 1. Select the “Products” tab
 2. Click the “Add” button
 3. Enter Product name – this must match the name in your source code
 4. Select # of days you wish to offer for a free trial
 5. Click ok.



How To Add Your Customers

Creating and adding licenses

1. Click on the add button
2. Enter End user name
3. Enter machine ID or User Defined ID
4. Select the product you wish to license
5. Select the product Type: Regular or Trial
6. Choose a Start date
7. Choose an End date. Click OK to save

Changing and Expiring licenses

- Select the User record you would like to change
- Update the End date for the license key, then click OK
- The next time the user restarts their computer the new date will take effect

The screenshot shows the 'Vendor Licensing' window with the 'Licenses' tab selected. The window contains a form for adding or editing licenses. The 'Vendor' section shows 'Name: NinjaTraderDemo' and 'Key: A84C0910A8'. The 'Filter' section has a dropdown menu with 'Name', 'Machine ID', 'Product', 'Type', 'Start', and 'End'. The 'Licenses' table has columns for 'Name', 'Machine ID', 'Product', 'Type', 'Start', and 'End'. The 'Type' column is set to 'Regular'. The 'Start' and 'End' columns have date pickers. The 'Add' button is circled with a blue '1'. The 'OK' and 'Cancel' buttons are at the bottom right. The 'Show' button is at the bottom center. The 'Licenses' and 'Products' tabs are at the bottom left.

Name	Machine ID	Product	Type	Start	End
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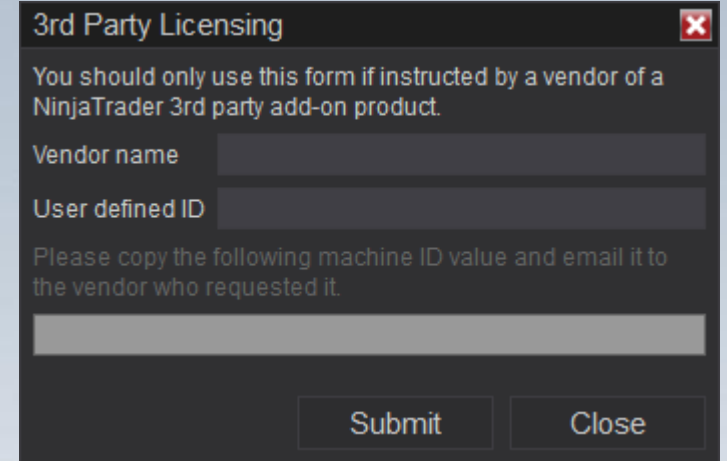
Free Trials

- Each product you add to Vendor Licensing may be set for a free trial period:
 1. The first time your NinjaScript object runs on a PC it will make a call to our license servers. In the event that there is no valid license and the module name has a free trial period (in days) value greater than zero, it will automatically create a free trial period for this PC machine ID. There is no effort required on your part to provide a free trial, except to define its length in the “Products” tab.
 2. When your NinjaScript object is run in the future, it will check our license servers to see if the free trial period has expired, if it has, a notification window will pop up for the user including information on how to contact you.
 3. A PC can NOT have more than one free trial period for a particular module
 4. Once a PC has automatically registered for a free trial period, the free trial length for that specific PC can not be changed.
- Should you need to create a free trial for a user who already had a trial, you can create a temporary license using the “How to add your customers” process (page 8). For the temporary license, select “Trial” for product Type in step 5.
- Note: When managing free trials, the licenses created will not contain or check any custom User Defined IDs. This is to prevent users from constantly changing the User Defined ID to enroll in additional free trials



User Defined ID's

- If you run into a situation with a duplicate machine ID we suggest request that these users generate a user defined ID to license their products. This user defined ID is appended to their hardware-based machine ID, thereby creating a virtually unique machine ID. This ensures that their license for your NinjaScript object is unique to their particular PC and cannot be used on other PC's.
- Following are instructions for working with user defined ID's:
 1. Instruct the user to go to the NinjaTrader Control Center, then click Help > "3rd party licensing"
 2. Provide your vendor name to input into the "Vendor name" field
 3. User should input an identifying suffix to append to their machine ID into the "User defined ID" field. (example: JohnSmithLaptop)
 4. Instruct the user to provide you with the newly generated machine ID after they press the "Submit" button (example 389AKE4R398DSK3-JohnSmithLaptop)
 5. Ensure that the new machine ID is not already in use by looking through your list of licenses. You can easily tell if a license is using a user defined ID suffix by the "-" separator after the old machine ID. Repeat steps 1-4 if you find the new machine ID is taken already.
 6. Create a license with the user defined ID



The screenshot shows a dialog box titled "3rd Party Licensing" with a close button (X) in the top right corner. The text inside reads: "You should only use this form if instructed by a vendor of a NinjaTrader 3rd party add-on product." Below this text are two input fields: "Vendor name" and "User defined ID". Underneath these fields is a note: "Please copy the following machine ID value and email it to the vendor who requested it." followed by a long, empty text box for the machine ID. At the bottom right of the dialog are two buttons: "Submit" and "Close".



Enable Authentication in your custom NinjaScript object

- The vendor license check is added in your code as a method call in both NinjaTrader 7 and NinjaTrader 8.
- VendorLicense class constructor:
 - `VendorLicense(string vendorName, string module, string vendorUrl, string vendorMail, [Func doVerify])`

[CLICK HERE](#) for Sample code

vendorName	Your unique vendor name, provided by Business Development
module	A module (product) name allows you to define different licenses for your different products. This is an optional parameter. For example, you may have different indicators or sets of indicators that you want to license separately. Default value = <code>string.Empty</code> or "<default>"
vendorUrl	Optional parameter. The URL that will be displayed in any user notification popup windows. Default value = <code>string.Empty</code>
vendorMail	Optional parameter. An email address that is displayed in any user notification pop-up windows. Default value = <code>string.Empty</code>
doVerify	A function that returns a bool. If false, the script will not verify.

- This process automatically performs a license check any time an indicator or strategy is used. The initial check state is maintained during a NinjaTrader application session on subsequent indicator or strategy run times. If the license check fails, the `OnBarUpdate()` and `Plot()` methods will not be called in the Strategy. However, the script will still process any code within its `SetDefaults` State. Thus, if you have added any code within an "if (`State == State.SetDefaults`)" condition in the `OnStateChange()` method, this will be processed regardless of a user's license status.



Protection and DLL Security

- Agile.net is used to offer increased security for protected DLL's. This requires a yearly license fee which can be paid directly to Secure Team at:
<http://www.secureteam.net/ninja-pricing>
- Please visit the Protection / DLL Security section of the help guide for more information. Help Guide:
https://ninjatrader.com/support/helpGuides/nt8/en-us/?protection_dll_security.htm

Agile.NET for NT	
Protect NT8 Add Ons	
\$100 / year	
Renaming	✓
Control Flow	✓
String Encryption	✓
Resource Encryption	✓
Method Call Obfuscation	✓
Code Encryption	✓
Code Virtualization	✓
Free upgrades to minor and major release	
Priority Support over standard users	
Up to 24 hours initial response time, and do our best to resolve critical issues in less than 3 working days	



Need Additional Assistance?

- **Vendor Licensing FAQ:**
 - https://ninjatraderecosystem.com/downloads/Vendor_License_Key_FAQ.pdf
- **NinjaTrader 8 Vendor License Help Guide:**
 - https://ninjatraderecosystem.com/downloads/NT8_Vendor_License_HelpGuide.pdf
- **NinjaTrader 7 Vendor License Help Guide:**
 - https://ninjatraderecosystem.com/downloads/NT7_Vendor_License_HelpGuide.pdf
- **Contact:** vendorsupport@ninjatrader.com

