How it works

- The name, email and other requirements (such as MT4 account numbers) that customer should want to use in the program should be given to license issuer (you) to purchase the license key, via either mail or phone. (This may include additional steps such as purchase, one-time payment or subscription.)
 - Ex: MT4 Account Nos: 12345,67890 Email: <u>example_customer@email.com</u> Name: example customer
- At the license issuer side, there is an online dashboard to issue the license based on the MT4 account numbers and those features the user has bought.



• The License Issuer (you) generates a license key based on the MT4 account number and other license options.

| Pipsopedia | × + | | - o x |
|-------------------|--|---|---------------------|
| ← → C' ŵ | 🛛 🔏 pipsopedia.test/license-info?serial=efe07cdf-4dd3-3a05-8c6b-cb | od8837f1cd5 🔳 🚥 🗹 🏠 | III\ 🗉 📽 🗏 |
| Pipsopedia® | Dashboard Add New License | | Nelcome Admin V |
| Dashboard | License Information | | Update License |
| Licenses | Serial Key: efe07cdf-4dd3-3a05-8c6b-cbd8837f | f1cd5 | |
| 2 Customers | Please send this serial key to the customer. | і Сору | C Reset Serial |
| 🔚 Connections Log | | | |
| Settings | Customer's Information: | Evaluation settings: | |
| | Customer's Email: | Lock To Accounts: | |
| | example_customer@email.com | 12345 \times 67890 \times Enter Account N | lo. |
| | Phone: | | |
| | | (MT4 account numbers seperated by comma | s). |
| | Customer's Name: | | |
| | example customer | Lock To Currency Pairs: | |
| | Fax | Enter curreny run | |
| S Admin | | (seperated by commas, Please include curren | ncy suffix/prefix). |
| Administrator | Notes | | v |

- After license is generated, license issuer (you) should send back the license key to the customer. This is also an offline step, maybe by e-mail, mail or text file.
- The customer enters the license key into the EA's/Indicator's input window to activate it.

| Custom Indicator - Trade Kingz University Indicator | ? × |
|--|--------------|
| About Common Inputs Dependencies Colors Visualization | |
| Variable Value ab SerialKey efe07cdf-4dd3-3a05-8c6b-cbd8837f1cd5 | Load Save |
| OK Car | ncel Reset |

• The MT4 EA/Indicator verifies the license and startup

| 25 | Nov 2019 26 Nov 00:00 26 Nov 08 | 1:00 26 Nov 16:00 27 Nov 00:00 27 Nov 08:00 27 Nov 16:00 28 Nov 00:00 28 Nov 08:00 28 Nov 16:00 |
|------|---------------------------------|---|
| × | Time | Message |
| | 2019.11.28 20:20:15.196 | Trade Kingz University Indicator AUDCAD,H1: initialized |
| | 2019.11.28 20:20:15.188 | Trade Kingz University Indicator AUDCAD,H1: ====== License validated successfully====== |
| | Ø 2019.11.28 20:20:15.188 | Trade Kingz University Indicator AUDCAD, H1: initializing Pipsopedia(R) licensing module |
| | 2019.11.28 20:20:14.554 | Trade Kingz University Indicator AUDCAD,H1: Machine ID: PC-39964-8A5F5B8D |
| inal | 2019.11.28 20:18:29.445 | Custom indicator Trade Kingz University Indicator AUDCAD,H1: loaded successfully |
| Term | Trade Exposure Accou | unt History News ₉₉ Alerts Mailbox ₅ Market ₁₁₇ Signals Articles Code Base Experts Journal |
| Fo | or Help, press F1 | Default |

Accessing the License Server

Before getting started, you will need to log into your Dashboard.

Enter your dashboard IP address or domain address on the web browser address bar, then press enter. Your welcome screen of the dashboard will appear on the browser.



Then, click on the "Login" link on the top right corner and enter your login e-mail and password and click on the "login" button.

| Pipsopedia | × + | | | - 🗆 X |
|------------|-------------------------|---|-------|------------|
| (←) → ୯ û | 🗊 🔏 pipsopedia.test/log | gin | … ⊘ ☆ | III\ 🗉 🔹 🗏 |
| | V 🛛 pipsopedia.test/lo | Pipsopedia License Server Login Email: admin@admin.com Password: ••••• | | |
| | | C Remember Me | | |
| | | | | |

Then, you will be redirected to the dashboard.

| Pipsopedia | × + | | | - 0 | × |
|--|-----------------------------|-------------|----------------|-------------------|----|
| ← → ♂ ଢ | 🛛 🔏 pipsopedia.test/home | | ••• ⊌ | ☆ Ⅲ\ ⑪ ⑧ | ≡ |
| Pipsopedia® | Dashboard O Add New License | l - | | 🕒 Welcome Admi | n∨ |
| 🔛 Dashboard | Dashboard | | | | |
| Licenses | 1 | 1 •• | 0 | 0 | • |
| 📇 Customers | Licenses = | Customers | Logs | Inactive Licenses | |
| Connections LogSettings | 🗁 Connected Licenses: | ٥ | | C ¢ | |
| | Customer Product | Expiry Date | Last HeartBeat | Status | |
| Q Admin Administrator | | | | | |

How to generate a license key

Whenever a customer purchases your EA or Indicator, you will have to generate a new license and send it to the customer.

Click on the "Add New License" button.

| Pipsopedia | × + | | | | | | > | |
|--|----------------------|--------------|-----------------------|-----------|-----|-------------------------------|--------------|---|
| ← → ⊂ ⊕ | 🛛 🔏 pipsoped | ia.test/home | | | 🛛 🕻 | 7 | • | ≡ |
| Pipsopedia® | Dashboard | Add New Lice | nse | | | e Weld | :ome Admin 🗸 | 1 |
| 🗰 Dashboard | Dashboar | d | | | | | | |
| LicensesCustomers | 1 Licenses | | 1 Customers | 0 Logs | | 0 Inactive Licenses | ٢ | |
| | | | | | | | | |

Then you will be redirected to the new license page. Then fill the customer's information and simply specify one or more license settings (for example: Expire Date, or Lock to Accounts)

| Pipsopedia | × + | - 🗆 X |
|------------------------|---------------------------------|---|
| ↔ ↔ ৫ ŵ | 🛛 🔏 pipsopedia.test/new-license | |
| Pipsopedia® | Dashboard Add New License | Nelcome Admin 🗸 |
| III Dashboard | New License | Save License |
| Licenses | Customer's Information: | Evaluation settings: |
| 2 Customers | Customer's Email: | Lock To Accounts: |
| 🔚 Connections Log | | Enter Account No. |
| Settings | Phone: | |
| | | (MT4 account numbers seperated by commas). |
| | Customer's Name: | Lock To Currency Pairs: |
| | | Enter Curreny Pair |
| | Fax | |
| | | (seperated by commas, Please include currency suffix/prefix). |
| | Notes | |
| | | Expire Date: |
| Admin Administrator | | (specify the date when you want the license to expire.) |

Then click on the "Save License" button. The generated serial key will be displayed in the top of the window. And newly generated license key and the user information will be added to the database.

The New License page contains the following elements:

- Name/Email fields are required.
- Expire Date:

When checked, allows you to specify an absolute date after which the license validation fails.

• Lock to Accounts:

When checked and specified the MT4 account numbers, locks the license to those specified MT4 accounts. So that the new license can only be used on that MT4 accounts.

Specify the maximum number of MT4 accounts that the license can be activated on. This allows you to have one license key but still allowing usage on different Accounts/machines/users.

• Lock to currency pairs:

When checked and specified, you can limit license to a specific currency pairs. So, your EA/Indicator will run only on that of currency pairs.

• Minimum Account Balance:

When checked, license validation fails if the current accounts balance less than the specified value.

• Maximum Account Balance:

When checked, license validation fails if the current accounts balance is greater than the specified value.

• Disable Demo trading:

When checked, your MQL application will run only on the real accounts.

• Disable live trading:

When checked, your MQL application will run only on the Demo/ Contest accounts.

• Disable back testing

When checked, end user will be blocked from the back testing on the MT4 platform.

• Show License Info on MT4

This online license system includes a ready-made 'license information panel' which you can use to display to your users. When checked, License information will display on the chart.

• Limit to Timeframes:

When checked, your MQL application will run only on the selected timeframes.

Example:

For this example, your customer's name is example customer and his email is <u>example_customer@email.com</u>. He has two MT4 accounts (12345,67890) to run your EA or Indicator. So, you need to issue him a license which expire on 2020/01/01 and license must be locked into his MT4 accounts. Look at the following settings.

| Pipsopedia | × + | - o x | |
|-------------------|---------------------------------|---|---|
| ← → ♂ ✿ | 🛛 🖉 pipsopedia.test/new-license | E ⊽ ☆ II\ E C* Ξ | 1 |
| Pipsopedia® | Dashboard + Add New License | $igodoldsymbol{\Theta}$ Welcome Admin \smallsetminus | ^ |
| III Dashboard | New License | Save License | |
| Licenses | Customer's Information: | Evaluation settings: | |
| 2 Customers | Customer's Email: | | |
| 🔚 Connections Log | example_customer@email.com | 12345 × 67890 × Enter Account No. | |
| 🏟 Settings | Phone: | | |
| | | (MT4 account numbers seperated by commas). | |
| | Customer's Name: | | |
| | example customer | Lock To Currency Pairs: | |
| | Fax | Enter Curreny Pair | |
| | | (seperated by commas. Please include currency suffix/prefix). | |
| | Notes | (| |
| | | Expire Date: | |
| S Admin | | 2020.01.01 | |
| Administrator | | (specify the date when you want the license to expire.) | ~ |

- 1. You have to turn on the "Lock to Accounts" option and specify MT4 account numbers of the customer to be locked with the license. This way, license will work only with that specified MT4 account numbers.
- Turn on the "Expire Date" option and specify "2020.01.01". this way license will work until 2020/01/01 and after that your EA/Indicator will automatically detach from the MT4. And no longer usable.
- 3. Then click on the "Save License" button on the top right corner. Then a new serial key will appear on the top of the page. You can send this serial number to the example customer by email or You can create a text file with the key and send it to the customer with your secured EA/Indicator. (The customer will have enter that serial key into the EA/Indicator's input window to run your EA/Indicator)

| Pipsopedia | × + | | - 🗆 × |
|------------------------|--|---|------------------------|
| ← → ♂ ☆ | 🛛 🔏 pipsopedia.test/license-info?serial=efe07cdf-4dd3-3a05-8c6b-cb | od8837f1cd5 🔳 🚥 🗵 🏠 | II\ "D ®" ≡ |
| Pipsopedia® | Dashboard + Add New License | | Nelcome Admin V |
| Dashboard | License Information | | Update License |
| Licenses | Serial Key: efe07cdf-4dd3-3a05-8c6b-cbd8837f Please send this serial key to the customer. | f1cd5 | Oy Reset Serial |
| Connections Log | Customeric Information: | Fuch string settings | |
| Settings | Customer's Email: | Lock To Accounts: | |
| | example_customer@email.com | 12345 × 67890 × Enter Accour | nt No. |
| | Phone: | (MT4 account numbers seperated by com | imas). |
| | Customer's Name: example customer | Lock To Currency Pairs: | |
| | Fax | Enter Curreny Pair | |
| Admin Administrator | Notes | (seperated by commas, Please include cu | rrency suffix/prefix). |

If you click on the "Licenses" link on the left panel, you'll be redirected to the "Licenses Page" and you'll see newly generated license was added to the licenses list. You can delete/edit or suspend license from here.

| Pipsopedia | × + | | | | | | - 0 | × |
|--|--|---------|-------------------------------|----------------|--------|--------------|-----------------|-----|
| \leftarrow \rightarrow C \textcircled{a} | 🛛 🔏 pipsopedia.test/licenses | | | | (| ⊠ ☆ | III\ 🗉 📽 | ≡ |
| Pipsopedia® | Dashboard 🕒 Add New License | | | | | | e Welcome Admin | n 🗸 |
| Dashboard | Licenses | | Search | Q | Search | Clear Search | New License | |
| Licenses | Customer | Product | Expiry Date | Last HeartBeat | Status | | | |
| Customers | example customer example_customer@email.com | > | 2020.01.01 1 month after | | ACTIVE | Suspend | ≡~ | |
| Settings | John Doe sample@email.com | | 2020.11.14 11 months after | | ACTIVE | Suspend | \equiv | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| S Admin Administrator | | | | | | | | |