

Formatting Tools

**CS2/CS3
InDesign Plug-in**

version 1.0.1

last revision: July 8, 2008

Formatting Tools

Contents

- 3 What is Formatting Tools?**
- 4 Installation**
Enabling and Disabling Plug-ins.
- 6 Purchasing Licenses and Activation**
- 9 Conditional Paragraph Style Changer**
- 10 Style Between Delimiters**
- 11 Create One and Two Line Styles**
- 12 Consecutive Styles**
- 13 Addendum**
What is “APID ToolAssistant”?
- 15 Acknowledgements**
- 16 License Agreement**

Formatting Tools

What is Formatting Tools?

Formatting Tools is a collection of functions designed to aid in formatting text quickly and efficiently.

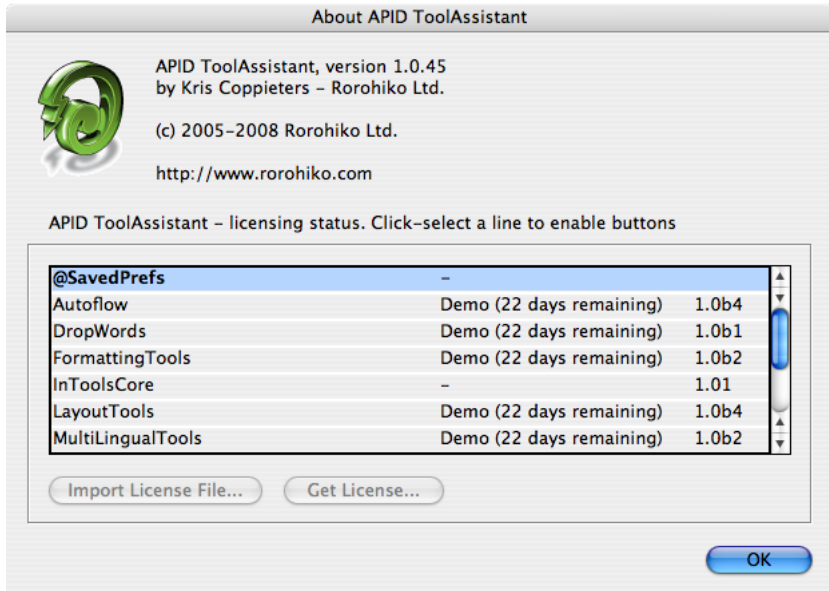
Currently *Formatting Tools* includes the following functions:

1. Conditional Paragraph Style Changer.
2. Style Between Delimiters
3. Create One and Two Line Styles.
4. Consecutive Styles.

We hope to add more utilities in the near future. If there is a formatting utility that you would like to see added to this collection, please contact us at wishlist@in-tools.com. Registered users are eligible for free upgrades as new utilities are added.

Formatting Tools

Installation



Formatting Tools is different than most plug-ins. It was developed using a product called “APID ToolAssistant” created by Rorohiko. There is a central controller provided by Rorohiko which does a lot of the low-level processing. *If you are interested in the technology behind the development, you can read the addendum in the back of the manual.*

There are four different files which must be installed for *Formatting Tools* to function properly:

1. APIDToolAssistantCSx.xxx (the exact name depends on your version)
2. @SavedPrefs.spln
3. InToolsCore.spln (version 1.01)
4. FormattingTools.spln.

All of these files need to be copied to InDesign’s plug-ins folder. They may be copied to a sub-folder, but they must all be in the same one!

Formatting Tools

Please note: APID ToolAssistant replaces an older version of the plug-in. In the past, there were two versions of the API plug-in distributed by Rorohiko. Active Page Items Developer (APID), was the version developed to work with externally developed plug-ins. The free Active Page Items Runtime (APIR), was for plug-ins developed internally at Rorohiko. If you have either of these two plug-ins installed, you must remove them and install the APID ToolAssistant instead. The older APIR or APID plug-ins will not work. You must have the most current version of the APID ToolAssistant installed (version 1.0.45).

Shown above is the “About” window of API. This window can be brought up in two ways: 1. Select InDesign → About Plug-Ins → Rorohiko Ltd. → APID ToolAssistant... 2. API → APID ToolAssistant...

In-Tools plug-ins do not show up separately in the “About Plug-Ins” menu. Information on installed In-Tools plug-ins are only displayed in the “About” window of API. If the plug-ins are properly installed you should see the displayed window (or the equivalent Windows version).

Please note the API version number near the top of the window. Your version number must say 1.0.45 or higher. Additionally it must say “APID ToolAssistant”. If it says “Active Page Item Developer” or “Active Page Item Runtime”, you have the wrong version installed. As mentioned above, both of these versions have been replaced with APID ToolAssistant.

When in doubt: search your plug-in folder for a file whose name contains “ActivePageItem”, and replace it with the new one.

In the “About” window, there is a list of all installed plug-ins and their status. The first column lists the plug-ins. The second column shows the license status. If the plug-in is licensed, “Licensed For APID” will be displayed. If the

Formatting Tools

plug-in is in demo mode, the word “Demo” will be displayed along with the number of days remaining until the plug-in expires. The third column shows the plug-in’s version number. When trying to determine that you have the most current version of a plug-in, please refer to the version number listed in this column.

Enabling and Disabling Plug-ins.

To enable or disable any individual plug-in, simply move the file into or out of the folder which contains the APID ToolAssistant plug-in. One simple solution would be to create two folders within your plug-in folder. Name one “API”, and the other “API disabled”. You can then easily move files back and forth.

The APID ToolAssistant is like any other plug-in, and InDesign must be restarted when it is installed or removed. However, the rest of the plug-ins do not require a restart of InDesign when they are installed or removed. Newly installed plug-ins are available in documents when they are opened. If there are open documents when you install any of the *.spln files, those documents should be closed and reopened.

Please note: In-Tools plug-ins are unique, in that menu items will not appear until a document is opened. The plug-ins will appear in the plug-in list in the “About” window, but menu items only appear after a document is opened or created.

Purchasing Licenses and Activation

There are two ways to purchase In-Tools plug-ins: They can be purchased from the In-Tools web site prior to activation, or they can be purchased directly from within InDesign. If the plug-ins are purchased from the web site,

Formatting Tools

you will establish a login and password for activation at the time of purchase. If you purchase the plug-ins from within InDesign, the payment and activation both occur simultaneously. If you plan to purchase a plug-in package, or would like to purchase a number of plug-ins in one transaction, you should purchase them from the In-Tools web site before you initiate the activation process.

No matter how you purchase the plug-ins, the process from within InDesign is the same:

1. Select the plug-in you would like to activate.
2. Click “Get License”. This will take you to the log-in page of the In-Tools web site.

The image shows two web forms. The top form is titled "Customer Login" and contains the instruction "Please login using your email address and password to continue." It has input fields for "Email Address:" and "Password:", followed by a "Login" button. The bottom form is titled "If you do not yet have an In-Tools account, create one below." and contains the instruction "Please enter your email address and choose a password. You will use this password to login to your account in order to install a license from within InDesign." It has input fields for "Name/Company:", "Email Address:", "Choose a Password:", and "Confirm Password:", followed by a "Submit" button.

Customer Login

Please login using your email address and password to continue.

Email Address:

Password:

Login

If you do not yet have an In-Tools account, create one below.

Please enter your email address and choose a password. You will use this password to login to your account in order to install a license from within InDesign.

Name/Company:

Email Address:

Choose a Password:

Confirm Password:

Submit

If you already have an In-Tools account, fill in your login and password. Otherwise create an account now. If you already paid for your plug-ins, make sure you fill in the login information you provided at the time of purchase. You *must* provide a valid e-mail address or you might not receive your license file.

Formatting Tools

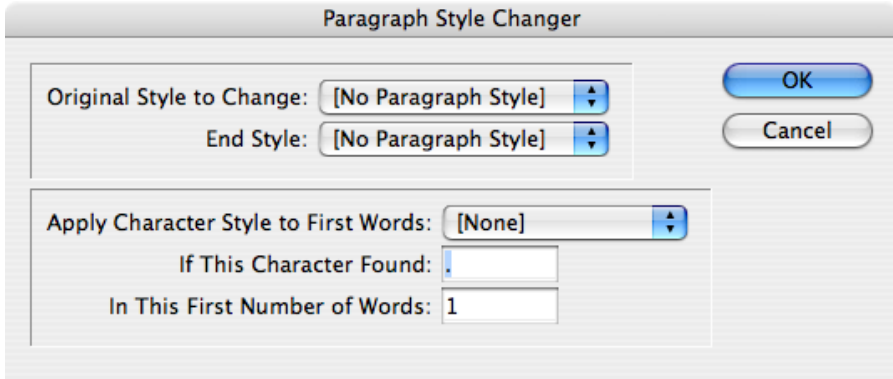
3. If you have not yet paid for the plug-in you will be taken to a PayPal payment page. On successful completion of the payment, you will be returned to the log-in page.
4. After successfully completing the log-in procedure, you will either get a link to download a license file, or you will receive one by e-mail (depending on various factors). Please allow one to two business days to receive an e-mail with the license file. The license file is specific to the installation from within which you have activated the license. It will not work on a different installation, even with the same serial number. If you need to use In-Tools plug-ins with more than one installation of InDesign, you will need to purchase an additional license for each installation.
5. Once you have your license file, go back to the “About” window in InDesign, select the plug-in you are activating and click on “Import License File”. Locate the file on your hard drive and click “Open”. The status next to your plug-in will change to “Licensed”.

Please note: After the trial period of In-Tools plug-ins expire, they will only work if *both* the In-Tools plug-in *and* the APID ToolAssistant is licensed. Only one license of the APID ToolAssistant is required per installation of InDesign. If you are not sure whether your installation of the APID ToolAssistant is licensed, make sure you purchase the plug-in using the “Get License” button. The In-Tools activation software will automatically determine if you require the license for APID, and create a double license if necessary.

Formatting Tools

Conditional Paragraph Style Changer

This utility is used for changing the styling of paragraphs based on the content in the beginning of the paragraph.



The image shows a dialog box titled "Paragraph Style Changer". It contains the following controls:

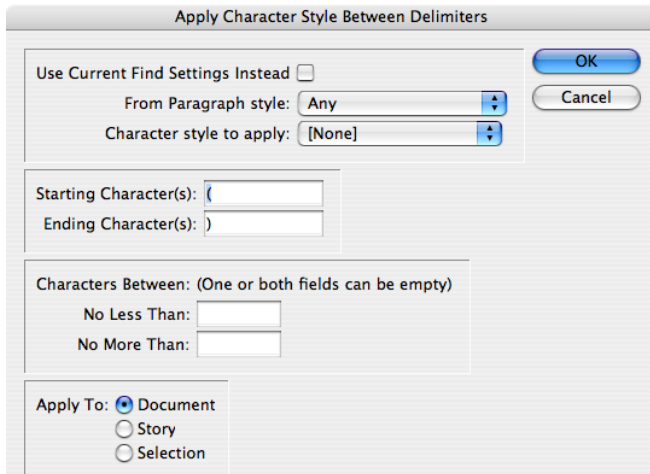
- Original Style to Change:** A dropdown menu currently showing "[No Paragraph Style]".
- End Style:** A dropdown menu currently showing "[No Paragraph Style]".
- Apply Character Style to First Words:** A dropdown menu currently showing "[None]".
- If This Character Found:** A text input field containing a period ".".
- In This First Number of Words:** A text input field containing the number "1".
- Buttons:** "OK" and "Cancel" buttons are located on the right side of the dialog.

Select API ➔ Formatting Tools ➔ Conditional Style Changer, and the above dialog box will appear. Select the style you want to change in the first drop-down list, "Original Style to Change". In the second drop down list, select the new style. You also have the option of selecting a character style to apply to the specified number of words. In the first input field type in the character which will trigger a style change. The style change will be triggered if the character is found anywhere in the first number of words defined in the second input field.

Formatting Tools

Style Between Delimiters

This utility is used for applying text styling between two defined characters or set of characters. One very common use would be to apply character styles using custom tags.



Select API → Formatting Tools → Style Between Delimiters... to bring up the above dialog. There are four sections to the dialog box. The top area allows you to select the styles. The first drop-down list, “From Paragraph Style”, will limit the search to a specific paragraph style. Select “Use Current Find Settings Instead” to search by criteria such as color, character style, etc. The last find settings used in the application find and replace dialog will be used to find the text. *Please note: If the “Use Current Find Settings” is checked, the selection of the paragraph style is ignored.*

Starting Character(s) is the delimiter at the beginning of the text to be styled. Ending Character(s) is the ending delimiter. The delimiter is styled as well as the text.

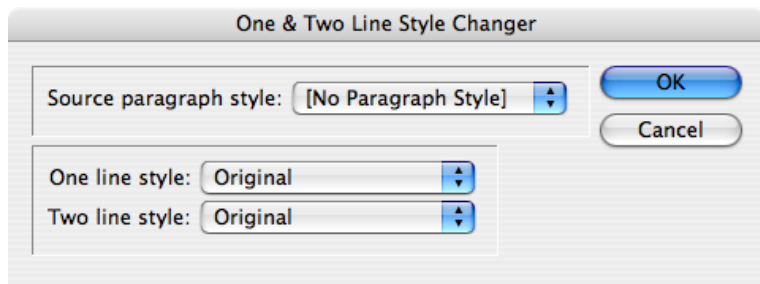
Formatting Tools

“Characters Between” give an option to limit the number of characters between the delimiters. If the minimum field is left blank, there is no minimum. If the maximum field is left blank there will be no maximum.

Additionally there is an option to limit the search range. The options are context-sensitive. If there is nothing selected in the document, the only selectable range will be the document. If there is a story or part thereof selected in the document, the “story” radio button will appear. If there are at least two characters selected, the “Selection” radio button will appear as well. Selections can be either text or text frames.

Create One and Two Line Styles

“Create One and Two Line Styles” applies styles based on the number of lines of the formatted text. It will change the original style to the new one, if it takes up the selected number of lines. Use this utility to easily style header text and the like. Select API ➤ Formatting Tools ➤ Create One an Two Line Styles an the following dialog will appear:



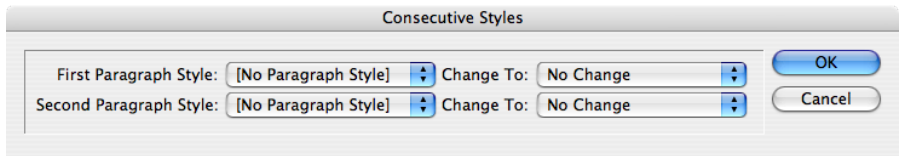
Both the one and two line style drop-down lists are optional. To make no changes to either single lines of text or double lines of text, just leave the selection as “Original”.

Formatting Tools

Consecutive Styles

Consecutive Styles is a utility which applies styles to consecutive paragraphs of specific styles. It can be used in a number of different situations. It can be used to change the style of any paragraph of a particular style followed by a paragraph followed by a specific other style. It can be used to change the style of a paragraph *preceded* by a specific style. It can also be used to change the styling of a number of identically styled paragraphs, by either changing the first one or the last one.

To use *Consecutive Styles*, select API → Formatting Tools → Restyle Consecutive Paragraphs... and the following dialog will appear:



In the shown dialog, select the original paragraph styles on the left, and the resultant paragraph styles on the right. You can select to change the first, second, or both. If you have a range of identically styled paragraphs (a list for example), and would like the first or last paragraph to have a unique style, do the following: To create a unique first style, create the first paragraph style and apply it to all the paragraphs (by a search and replace, or by modifying the existing style). Then select the first style in both dropdowns on the left, and select “No Change” in the top “Change to” dropdown and the “not-first style” in the bottom “Change To” dropdown. To create a unique last style, do the same thing in reverse (changing the first paragraph instead of the second).

Formatting Tools

Addendum

What is “APID ToolAssistant”?

Classically, there are only two ways to automate InDesign. One way is by scripting. Scripts are a series of commands written in one of the three supported scripting languages — AppleScript for the Macintosh, Visual Basic for Windows, or ExtendScript for both platforms. ExtendScript is Adobe’s version of javascript. For scripts to run, they must be placed in the application script folder and explicitly run. For automation to be truly automatic, it requires “event processing”. This means that certain events trigger specific processes to take place. There is limited event-triggered scripting available in CS3.

To achieve true integration, plug-ins must be programmed using C++. Developing C++ plug-ins is a very involved, and lengthy process. APID ToolAssistant is a plug-in which allows very fine grained event processing using ExtendScript. It allows for creation of advanced plug-ins in a fraction of the time required when programming using C++. It also aids in the creation of hybrid plug-ins which mix ExtendScript and C++ for maximum efficiency.

Without the APID ToolAssistant, it would not have been possible to create the collection of plug-ins we offer in the same amount of development time. This increased programming efficiency means more functionality for the end user and lower prices.

Additionally, APID ToolAssistant offers the ability to attach scripts to specific objects. These attached scripts can be run automatically when triggered by specific events. Anyone who has a licensed version of the APID ToolAssistant plug-in installed can create and use these attached scripts. There

Formatting Tools

are also additional scripting properties and methods which are usable by scripters. For more information see Rorohiko's web site.

Formatting Tools

Acknowledgements

We wish to thank the many people who have helped make In-Tools plug-ins possible.

To those who give graciously of their time and expertise on the InDesign scripting forum: thank you for introducing us to automating within InDesign. Most specifically, Dave Saunders, Olav Kvern, and Peter Kahrel.

To Kris Coppieters, thank you for your incredible support throughout the entire development process. Your help with product improvements and with coding tips and techniques has been incredible. Your support has been above and beyond what we could have reasonably expected. It has really been a pleasure working together. Thank you.

To all our beta testers, thank you for the valuable input which helped shaped our plug-ins. To Brad Walrod: a special thank you for your unrelenting comments and suggestions. To Peter Gold and Raphael Freeman: thank you for your many useful suggestions.

Formatting Tools

License Agreement

Please read the following document carefully!

This is a legal agreement (the Agreement) between you and Print Israel LLC (In-Tools), the developer of the In-Tools software. This Agreement pertains to your use of the In-Tools software and documentation which are provided to you by In-Tools (collectively, the Software). By copying, installing, or otherwise using the Software, you accept all the terms and provisions of the Agreement.

Terms of Use

The provisions of the [In-Tools Privacy Policy](#) are incorporated herein and made a part hereof.

License

This Agreement grants you a personal, non-exclusive, non-transferable, non-sublicensable right to use one copy of the Software for use on a single computer and/or workstation for each license that you purchase. You may try the Software before purchasing a license, for the specified amount of time in the materials accompanying the Software. YOU UNDERSTAND AND AGREE THAT BY USING THE TRIAL SOFTWARE, AFTER THE AMOUNT OF TIME YOU MAY NOT BE ABLE TO CONTINUE TO USE THE SOFTWARE UNLESS YOU PURCHASE A LICENSE.

In-Tools reserves all rights in the Software not expressly granted herein, including without limitation ownership and proprietary rights.

License Restrictions

You may not reverse engineer, decompile or disassemble the Software. The restrictions contained herein apply equally to any updates that may be provided to you by In-Tools.

Intellectual Property Rights and Third Party Materials

All service marks, logos, trade names, trade dress, and trademarks of In-Tools (collectively Marks) are the exclusive property of In-Tools and nothing in this Agreement

Formatting Tools

shall grant you the license to use such Marks. All intellectual property rights in the Software are owned exclusively by In-Tools and are protected by United States of America copyright laws and international copyright treaty provisions. Any violation of the terms set forth herein is expressly prohibited by law and may result in severe civil and criminal penalties.

Disclaimer of Warranties

ALL SOFTWARE PROVIDED BY IN-TOOLS ARE PROVIDED AS IS. IN-TOOLS AND ITS AGENTS, PARTNERS, OR EMPLOYEES MAKE NO REPRESENTATION OR WARRANTY TO YOU OR ANY OTHER PERSON OR ENTITY, WHETHER EXPRESS, IMPLIED, OR STATUTORY, AS TO THE DESCRIPTION, QUALITY, TITLE, NON-INFRINGEMENT, MERCHANTABILITY, COMPLETENESS, OR FITNESS FOR A PARTICULAR USE OR PURPOSE AS TO THE SOFTWARE PROVIDED TO YOU, OR AS TO ANY OTHER MATTER, ALL SUCH WARRANTIES HEREBY BEING EXPRESSLY EXCLUDED AND DISCLAIMED.

NEITHER IN-TOOLS NOR ANY OF ITS AGENTS, PARTNERS, OR EMPLOYEES WARRANTS THAT THE SOFTWARE OR SERVICES ARE ERROR FREE OR WILL OPERATE WITHOUT CAUSING LOSS OR INTERRUPTION YOUR COMPUTER USAGE OR DATA. YOU ASSUME TOTAL RESPONSIBILITY AND RISK FOR YOUR USE OF THE SOFTWARE.

Limitation of Liability

IN NO EVENT SHALL IN-TOOLS, ITS AFFILIATES, SUBSIDIARIES, PARENT COMPANIES, AGENTS, NETWORK SERVICE PROVIDERS, PARTNERS, OR EMPLOYEES BE LIABLE TO YOU OR ANY THIRD PARTY IN ANY RESPECT FOR ANY COSTS OR DAMAGES ARISING EITHER DIRECTLY OR INDIRECTLY FROM THE USE OF IN-TOOLS SOFTWARE INCLUDING WITHOUT LIMITATION ANY ACTUAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, PUNITIVE, RELIANCE OR SPECIAL DAMAGES, OR FOR ANY LOSS OF REVENUE, PROFITS, USE, DATA, GOODWILL OR BUSINESS OP-

Formatting Tools

PORTUNITIES OF ANY KIND OR NATURE WHATSOEVER, ARISING IN ANY MANNER FROM ANY CAUSE OF ACTION OR CLAIM RELATING TO THIS AGREEMENT, TO THE SERVICES PROVIDED BY IN-TOOLS OR TO THE USE OF THE SOFTWARE. THIS LIMITATION OF LIABILITY APPLIES EQUALLY TO ANY THIRD PARTIES WITH WHOM IN-TOOLS ENTERS INTO A BINDING AGREEMENT TO MARKET, DISPLAY AND/OR DISTRIBUTE THE SOFTWARE TO END USERS AND SUCH THIRD PARTIES SHALL NOT BE LIABLE TO YOU OR ANY OTHER THIRD PARTY FOR ANY OF THE DAMAGES SET FORTH ABOVE.

Export Control Laws.

You agree to comply with all laws, rules and regulations applicable to the export of the Software. Specifically, you shall not export, re-export or transship the Software, or the direct product thereof, in violation of any United States laws and regulations which may from time to time be applicable. None of the Software or underlying information or technology may be downloaded or otherwise exported or re-exported (i) into, or to a national or resident of, Cuba, Iran, Iraq, Libya, North Korea, Sudan, Syria or any other country to which the U.S. has embargoed goods; or (ii) to anyone on the U.S. Treasury Department's list of Specially Designated Nationals or the U.S. Commerce Department's Table of Denial Order. By downloading or using the Software, you are agreeing to the foregoing and you are representing and warranting that you are not located in, under the control of, or a national or resident of any such country or on any such list.

Jurisdiction and Other Provisions

This Agreement and the relationship between In-Tools and you shall be governed in accordance with the laws of the State of New York. Any dispute between you and In-Tools regarding this Agreement will be subject to the exclusive jurisdiction of the state and federal courts in the State of New York. You agree to submit to exclusive jurisdiction in the State of New York, and you expressly waive all defenses to jurisdiction.

Formatting Tools

This Agreement is the entire agreement between you and In-Tools relating to your use of the Software and supersedes any other communications or advertising with respect to the Software. If any provision of this Agreement is held invalid, the remainder of this Agreement will continue in full force and effect. In-Tools failure to insist upon or enforce strict performance of any provision of this Agreement shall not be construed as a waiver of any provision or right. Neither the course of conduct between the parties nor trade practice shall act to modify any provision of this Agreement. In-Tools may assign its rights and duties under this Agreement to any party at any time without notice to you.

Modifications of Agreement

In-Tools may modify this Agreement at any time without providing notice to you. Such modification will be made by posting a revised agreement on its web site and such modification shall be deemed effective immediately upon posting of the modified Agreement. Your continued access or use of the Software or Services shall be deemed your acceptance of the modified Agreement. You agree to check our web site periodically to review such modifications.

Termination or Modifications of Software

You may terminate this Agreement at any time. The In-Tools may immediately terminate the Agreement if you breach any representation, warranty, agreement or obligation contained or referred to in the Agreement. Upon termination, you must dispose of the Software and all copies or versions of the Software by destroying the Software. In-Tools reserves the right to modify the Software at any time without providing notice to you. In-Tools right to modify the Software applies to all or any aspect of the Software.

YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT AND UNDERSTAND IT AND THAT, BY USING THE SOFTWARE, WEB SITE, YOU AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS.