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Introduction

ICONICS software products use a software-based licensing scheme. An activated license is required to use the software in full production mode. This license designates which products may be used, as well as the I/O point-count limit that controls the number of active data points (tags) that can be used by a system. This document explains the concepts of ICONICS GENESIS32 software licensing and shows how to install and activate the license.

Note: The system will run in a two-hour Demo mode without a site key enabled.

Note: GENESIS32 version 5.x, 6.x, 7.x, and 8.x software licenses must be upgraded to work with GENESIS32 version 9.0 or subsequent versions of GENESIS32.

Note: If you wish to upgrade your ICONICS Software License, simply install the new version over the existing version. It is NOT necessary to uninstall the old version before installing the new version. The version 9.0 licensing installation allows for a conversion of existing version 8.x licenses to version 9.0 within 30 days.

Configuration and Runtime

There are two distinct modes of operation within the ICONICS software modules: **Configuration** and **Runtime**.

Configuration is the product's capability to let you configure the system--to create graphic displays in GraphWorX32, for example, define which data to log in TrendWorX32, and configure which OPC points to monitor for alarming in AlarmWorX32, etc. Many refer to Configuration mode as "Development" mode, since the entire project is designed and developed in this mode. Configuration mode in GENESIS32 does not require an installed software license. You may develop your system on any machine.

In **Runtime** mode, modules communicate with the actual I/O (Input/Output), talk to network nodes, and animate the documents made by using Configuration mode.

Number of Active Data Points

The number of active data points supported depends on the package. This is the number of live data points viewed from OPC servers running locally and on the network nodes, etc., connected to the client applications. This number is also known as **point count**. The point count controls the number of tags you can connect to.

Licensing Options

The licensing options are based on the client application, the point count supported and an internal counting system called Client Units (ICUs). When you purchase a GENESIS32 application or suite your license purchase enables a certain set of features. Those features are assigned an internal point count that the licensing module uses to keep track dynamically of your use of ICONICS products.

Note: You can't purchase Client Units as they are an internal counting system that is a feature of the licensing module itself. You purchase ICONICS applications and features with your license and that license is recognized the point count and Client Units are assigned during runtime dynamically.

The table below lists how the Client Units are assigned based on the products and features you purchased.

ICONICS Products	Client Units	WEBHMI /GEN Browser ICUs	Basic GENESIS32
GENESIS32	550		
GEN32 Browser/WebHMI	70	70	
WEBHMI Single User	70	70	
GraphWorX32	125	45	Yes
TrendWorX32	125		
TrendWorX32 Container	20		Yes
TrendWorX32 Viewer	35	10	Yes
TrendWorX32 Persistent Trending	15	5	Yes
TrendWorX32 Logger	40		Yes
TrendWorX32 Report	15		Yes
TrendWorX32 Oracle Logger	250		
AlarmWorX32 (no Multimedia)	125		
AlarmWorX32 Container	20		Yes
AlarmWorX32 Server	20		Yes
AlarmWorX32 Viewer	25	10	Yes
AlarmWorX32 Logger	30		Yes
AlarmWorX32 Report	30		Yes
AlarmWorX32 Oracle Logger	250		
AlarmWorX32 Multimedia	100		
ScriptWorX32	100	Part of Gen32	Yes
Screen Manager	25		Yes
OPC DataSpy	10		Yes
Dr. DCOM	10		Yes
ScriptWorX2006	100		
DataWorX32	100		
VCRWorX32	100		
Switch ActiveX	10	10	
Gauge ActiveX	10	10	
Slider ActiveX	10	10	
Vessel ActiveX	10	10	
Periodic ActiveX Script	10	10	
Event ActiveX Script	10	10	
OPC Alarm ActiveX	10	10	
Numeric ActiveX	10	10	
Tree Explorer ActiveX	10	10	
Recipe ActiveX	10	10	
Data Mining ActiveX	10	10	

PortalWorX	40		

For example, if you have chosen GENESIS32 and an additional AlarmWorX32 for the application and 1500 as the point count, you get 625 Client Units, and the total number of active data points supported by these applications would be 1500 at any time.

Note: ICONICS changes their internal assignments from version to version, so you should use the table above as only an approximation of the licensing module tracking. However, the license that you purchase for an application and feature set will remain stable and be applied within the lifetime of a product version (e.g. version 9.10).

When any ICONICS GENESIS32 product is ordered, a CD containing all 32-bit products is shipped to the customer. The software license determines how many Individual Client Units the system will have. The user can then install most products from the CD, but will only be able to run an application if the necessary Client Units are available to do so. GENESIS32 Products with different point counts cannot run on the same Security Server. All the products running in a Security Server have to be of the same point count.

Note: Please refer to the ICONICS BizViz CD documentation for information about licensing for ReportWorX, BridgeWorX, and PortalWorX.

Browser Station Installation

This option should be used when installing the software on a networked PC that ties into another GENESIS32 system. A "Browser Station," which cannot connect directly to an OPC server, must connect to a remote machine. For a typical installation, this option should NOT be checked. A Browser Station (or GenBrowser) needs to get its license from a remote node that is licensed for GenBrowser workstations. All data I/O needs to be from remote servers, with the exception of DataWorX32 data where the origination point of the data is remote, but the DataWorX32 installation is local.

Multi-User Licensing Support and Backup Server

When installing a multi-user license, the license will only be installed on one computer. This computer will be the **Primary Security Server**. As client applications are authorized, a count is managed which allows the maximum number of Client Units to run simultaneously. These client applications can run in different computers connected to the Primary Security Server. If one client exits Runtime, the same or a different client may then connect and run.

License Monitor

Since the number of applications available for use depends on the number of available Client Units, it is necessary for you to be able to view the number of Client Units in use and the number of Client Units available. Along with the installation of GENESIS32, the **License Monitor** is installed to allow you to view how Client Units were assigned by the licensing module..

Note: Starting with version 9.0, license monitoring information is also available via the **Licensing** tab of the MonitorWorX viewer. For more information, please see the MonitorWorX help documentation.

To launch the license monitor from the Windows **Start** menu, select **Programs > ICONICS Tools > License Monitor**.

This opens the **License Monitor** dialog box, as shown in the figure below. This dialog consists of the following two tabs: the License tab and the Events tab.

GENESIS32 License Monitor

License | Events

Start Time: 5/31/2006 9:10:55 AM Current Time: 5/31/2006 10:30:18 AM Demo Over: 26 Days

	In Use	Available	Total
Client Units:	0	1250	1250
Points:	0	Unlimited	Unlimited
Pocket Nodes:	0	2	2
Mobile Users:	0	0	0

State: Valid License About...

Controlling Node: BETABUG ☐ Browser Station Version: 9.0.162

Node

Primary: BETABUG

Backup:

Node	Application	Client Units	Total
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OK Cancel Apply Help

License Monitor

See Also**License Tab****Events Tab****License Tab**

The **License** tab of the ICONICS License Monitor, shown in the figure below, displays the **Start** time and the **Current** time of use and (when in demo mode) when the demo expires.

This tab also indicates the number of available and used **Client Units** and points. The **License** tab also displays the **State** of the license, any licensed nodes that are running GENESIS32, and the version of GENESIS32 that is currently using Client Units.

Note: Compare the number of Client Units available with the list in the **Licensing Options** section above to see which applications you can still run.

The screenshot shows the 'GENESIS32 License Monitor' window with the 'License' tab selected. The window displays various license-related fields and a table of client units.

License Tab Fields:

- Time:** Start: 5/31/2006 9:10:55 AM, Current: 5/31/2006 10:30:18 AM, Demo Over: 26 Days
- Client Units:** In Use: 0, Available: 1250, Total: 1250
- Points:** In Use: 0, Available: Unlimited, Total: Unlimited
- Pocket Nodes:** In Use: 0, Available: 2, Total: 2
- Mobile Users:** In Use: 0, Available: 0, Total: 0
- State:** Valid License (with an 'About...' button)
- Controlling Node:** BETABUG (with a 'Browser Station' checkbox and 'Version: 9.0.162')
- Node:** Primary: BETABUG, Backup: (empty)

Client Units Table:

Node	Application	Client Units	Total

Buttons at the bottom: OK, Cancel, Apply, Help.

License Monitor: License Tab

License Type

The **State** field indicates the type of license that is being used, such as a temporary license or a permanent license. The **Start** time is the time the License Server began execution. The **Current** time reflects the current local time of the License Server. The **Demo Over** field depends on the type of license as follows:

License

No license
Temporary license
Valid (permanent) license

Demo Over

Time and date that demo mode will end
Number of days remaining on a license
Field is blank

Client Units and Points

The **License** tab also provides information about the Client Units and points used to run specific ICONICS applications. The **Client Units** field lists the number of Client Units that are currently being used in all ICONICS applications, the number of **Available** Client Units (which are not currently in use), and the **Total** number of Client Units, which is equal to the number of available Client Units plus the number of Client Units **In Use**. For example, if you have 700 total Client Units and 300 Client Units are currently being used, then 400 Client Units are available. Similarly, the **Points** field provides information about the number of process points that are currently being used (in runtime mode) in all ICONICS applications.

Pocket Nodes and Mobile Users

The **Pocket Nodes** field lists available Client Units for Pocket GENESIS applications, and the **Mobile Users** field lists the Client Units for MobileHMI.

You must have a GENESIS32 License Server configured to run Pocket GENESIS with all options. If you do not authorize a license, you will only be able to use local simulated OPC data on the Pocket PC. If you will be doing any development on a workstation or desktop PC, you will need to have a separate authorized license for that computer also. Please see the Pocket GENESIS documentation for information about the number Client Units required for each Pocket GENESIS application (e.g. Pocket AlarmWorX, Pocket GraphWorX, etc.)

Note: If you have just installed CE ToolWorX (a limited version of GENESIS32) on your workstation PC, you should also have installed the ICONICS License Utility on your desktop PC. This is where you will activate your license for your desktop PC.

Users of Pocket GENESIS must purchase licenses for simultaneous connections between a desktop PC and Pocket PC devices. When a user purchases Pocket GENESIS and installs it on a desktop PC, two simultaneous Pocket PC connections will be available to that user from the desktop PC. If the user decides that more Pocket PC connections are needed, the user must purchase more Pocket PC connections in packages of five connections.

The GENESIS32 License Monitor detects how many Pocket PC devices are connected to the desktop PC. If the maximum number of connections has been made, no new connections will be allowed to the desktop PC. For example, during one connection a Pocket PC device can be running Pocket TrendWorX, Pocket AlarmWorX, and Pocket GraphWorX simultaneously. If any of those applications are running, the connection is active.

For Pocket PC devices and other CE-based devices, the License Server runs on the desktop PC connected over Ethernet via GenBroker. Thus, if a user has a license that allows for two connections and has two Pocket PC devices connected at the same time, both Pocket PC devices can be running Pocket TrendWorX, Pocket AlarmWorX, and Pocket GraphWorX simultaneously. Then if another Pocket PC device tries to connect to the GenBroker server on the desktop PC where those two licenses are located, it will be denied.

Note: Please refer to the GenBroker help documentation for information about assigning a node or IP address to a remote License Server.

Nodes

The fields at the bottom of the **License** tab provide information about the licensed nodes. You can specify **Primary** and **Backup** nodes for the license. The **Controlling Node** field indicates which node is currently active. If the primary node fails, the backup node will become the active node and will be shown as the controlling node. If no primary or backup node is specified, the local computer will be used as the default node.

Note: When GenBroker communication is used (i.e. a remote License Server is specified in the active GenBroker configuration), license redundancy is not supported, so the **Primary** and **Backup** node fields cannot be edited.

Note: If the **Primary** and **Backup** node fields are empty, the local node is being used.

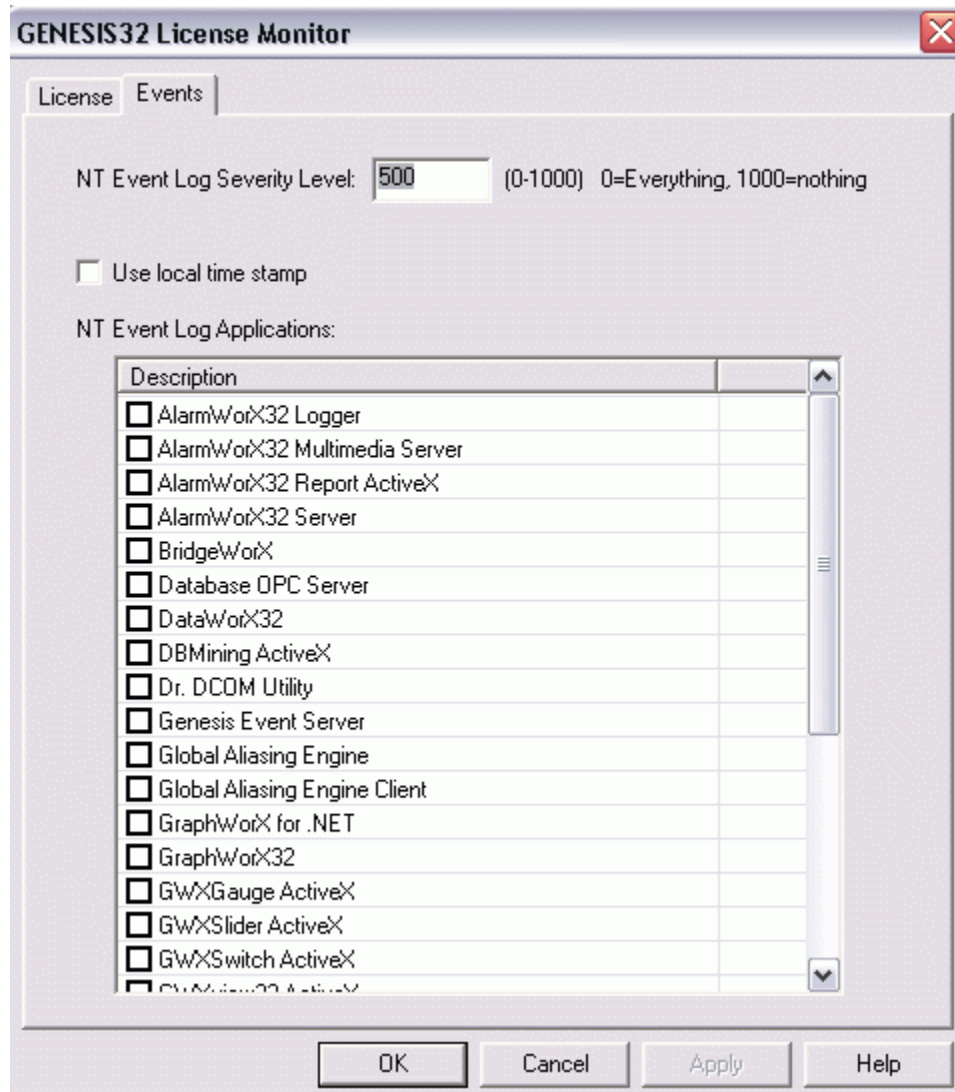
The field at the bottom of the **License** tab lists information about the current activity of each licensed node. For each node that is using a client application, such as GraphWorX32, this field displays the **Node** name, the **Application** that the node is running, the number of **Client Units** per application that the node is using, and the **Total** number of Client Units currently being used by all nodes. The total number of Client Units currently being used is reflected in the **Client Units** field (described above).

Note: If you installed the Browser Station when installing GENESIS32, the **Browser Station** check box will be checked.

A "Browser Station," which cannot connect directly to an OPC server, must connect to a remote machine. For a typical installation, this option should NOT be checked. A Browser Station (or GenBrowser) needs to get its license from a remote node that is licensed for GenBrowser workstations. All data I/O needs to be from remote servers, with the exception of DataWorX32 data where the origination point of the data is remote, but the DataWorX32 installation is local.

Events Tab

The GenEvent Server exposes all events sent to it via the OPC Alarm and Events (AE) interface. OPC AE clients, such as the AlarmWorX32 Viewer and Logger, can subscribe to the GenEvent Server to view and log these events. In the **Events** tab of the License Monitor, shown in the figure below, you can configure settings for logging events to the NT Event Logger. The **NT Event Log Applications** list box allows you to select which ICONICS applications will be logged to the NT Event Logger. To select an application to be logged, simply check the box next to the application. It is also necessary to set the **NT Event Log Severity Level** if you are using Windows NT. The number you enter in this field is the minimum severity level required for an event to be logged to the NT Event Logger. For example, if the severity level is set to 500, only events with a severity level greater than 500 will be logged to the NT Event Logger.



License Monitor: Events Tab

GENESIS32 Demo Mode

Without a valid license installed in your PC, it is still possible to enter Runtime mode (described above). The software will check for a valid software license key on initialization. If none is found, GENESIS32 runs in Demo mode. It has the following limitations:

- It will only permit Runtime mode for two hours.
- Only 32 OPC tag connections (points) will be updated.

Running past the two-hour limit generates a message stating that the demo time has been exceeded. You must then exit. On restarting, you will get another two-hour block of time in which to run. If there are more than 32 tags on a particular screen, gray stars (or whatever is configured as the **Point Failure** character) will appear in place of the actual I/O data.

Site Keys

You must install ICONICS Software Licensing before you can run ICONICS software in Windows in nondemo mode. The software **Site Key** handles licensing without requiring a hardware protection key. Licensing encrypting information is stored deep within the Windows systems. If no ICONICS authorization is present, it will automatically run in Demo mode for two hours.

ICONICS offers a hardware key that you can purchase. The key is a USB thumb drive (or flash drive) and can be moved from system to system. GENESIS32 v.9.10 recognizes the hardware key on the system you have the key attached to. A hardware key is a more reliable method of moving licenses from one machine to another than a software key.

Note: Set the System Date and Time properly before installing the ICONICS License Utility. Changing the time and date may affect time-limited Licenses.

Upon successful installation of GENESIS32, the installation wizard automatically creates a directory for the GENESIS32 Software Key licensing system. By default, the files are copied to the following path:

C:\Program Files\ICONICS\Softlic

This directory contains the **GENLIC32.exe** utility used for any GENESIS32 system licensing transactions along with the Licensing files themselves.

For Windows NT, a GENESIS32 special service is installed that runs at startup and takes care of all the support needed to start the software protection system.

Note: Tampering with the installation directory or GENESIS32 files might accidentally destroy the license.

The "Softlic" directory also contains the following files among other files:

- GENLIC32.RST
- GENLIC32.ENT
- GENLIC32.KEY
- GENLIC32.KY2 (GENESIS32 Version 6.x only)
- GENLIC32.41S

These files give the user a license to use GENESIS32, and they contain encrypted information relating to the PC used, options the user is allowed to activate, and file system/directory. If the GENESIS32 directory is renamed after the license has been granted, the software protection key will NOT recognize the license under the new directory name. It is also advisable not to tamper with

the system's clock if using a time-limited license. Setting the time back more than one hour will invalidate the license.

Note: Ensure there is at least 1 MB of free disk space at all times on the hard drive the license is installed on. If the disk becomes completely full, the software license may be lost.

Note: If you are using Norton Speed Disk to reallocate disk clusters, the following procedure must be followed to prevent loss of the GENESIS32 Software License.

1. Open Speed Disk and choose **File > Options > Customize > Unmovable Files**.
2. Specify that the *.ent, *.rst, *.key, *.ky2 and *.41s files cannot be moved.

GFW Compatibility

The GENESIS32 Software Licensing Site Key can coexist with a GENESIS for Windows 3.5 (GFW) 16-bit product if already installed for Windows NT. They are two mutually exclusive software-licensing utilities. Note that the GENESIS32 protection key does not authorize GFW to run, and the GFW protection key does not authorize GENESIS32 to run; each has its own mechanism. In other words, you cannot simply copy the license files from one directory to another and expect the system to work. Simply install each respective licensing utility to enable both product families.

Activating Your License

After returning the completed Customer Registration Form (generated by selecting Register for a License from the **Actions** menu in the ICONICS License Utility), you will need to receive a **Site Key** from ICONICS that matches your Site Code. You can then activate your Software License using the ICONICS Software License Utility. See the Running the License Utility section for details on how to register your software, obtain a Site Key from ICONICS, and activate the software license for your ICONICS product.

Uninstalling the License Utility

The ICONICS License Utility can be uninstalled or removed from the system by removing with it all changes and modifications processed by the Installation program.

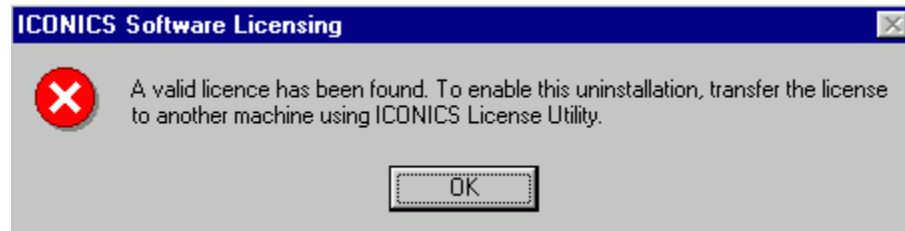
Note: If you have a valid ICONICS License in your computer, you need to transfer that license to another computer before uninstalling the License Utility. You need to install the License Utility on the other computer first. You can, however, install the License Utility without installing the GENESIS32 software.

Note: You need to log in with administrator privileges before uninstalling GENESIS32 software.

To uninstall the ICONICS License Utility:

1. From the Windows **Start** menu, select **Settings > Control Panel**.
2. Double-click on **Add or Remove Programs**.
3. In the **Add/Remove Programs** dialog, select **ICONICS Software Licensing**.
4. Click the **Change/Remove** button.

5. At the prompt, click **Yes** to confirm that you want to remove ICONICS Software Licensing and all of its components.
6. If you have a valid license on your computer, a message will be displayed, as shown in the figure below. Click **OK** to transfer the license to another computer. See the Transferring a Software License section for more information.



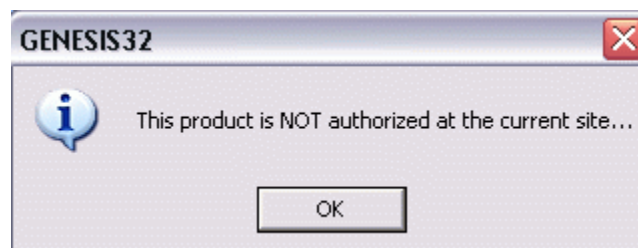
Valid License Found

7. When the files are removed, the uninstall program indicates that the process is complete. Click **OK**. If the **Details** button is shown on the dialog box, some files might not have been uninstalled. Click on the **Details** button to see the list of files that were not successfully uninstalled. In this case, you need to restart your computer before installing the product again.

Running the License Utility

The Software License Utility provides full authorization to any of the purchased GENESIS32 products and its available options. To launch the License Utility from the Windows **Start** menu, select **Programs > ICONICS Software Licensing > License Utility**.

A dialog box will open as shown in the figure below, informing you that GENESIS32 is not authorized. You must first activate a temporary software license. Once you have activated the temporary license, you will be then able to register your permanent software license. This allows you to use ICONICS products immediately for up to 30 days while you are completing the registration process.



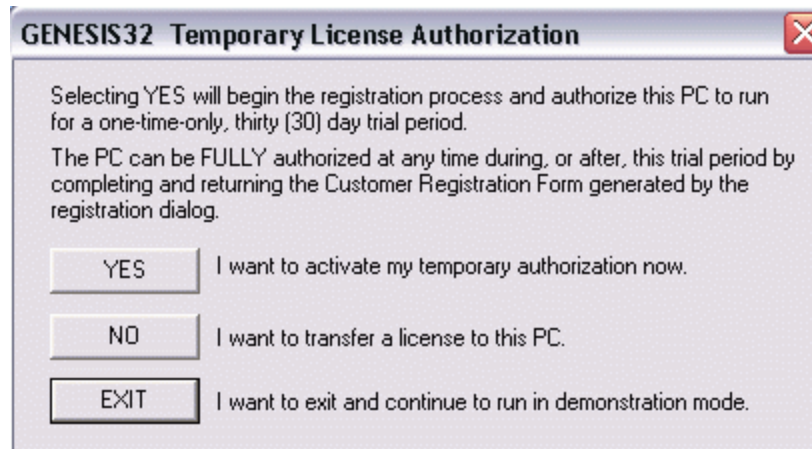
Product Authorization Warning

See Also

[Temporary Authorization of GENESIS32 System](#)
[Registering for a Software License](#)
[Viewing the Software License](#)
[Authorizing the Software License](#)
[Transferring a Software Key License](#)
[Killing a Software Key License](#)
[Temporary Backup License Authorization](#)

Temporary Authorization of GENESIS32 System

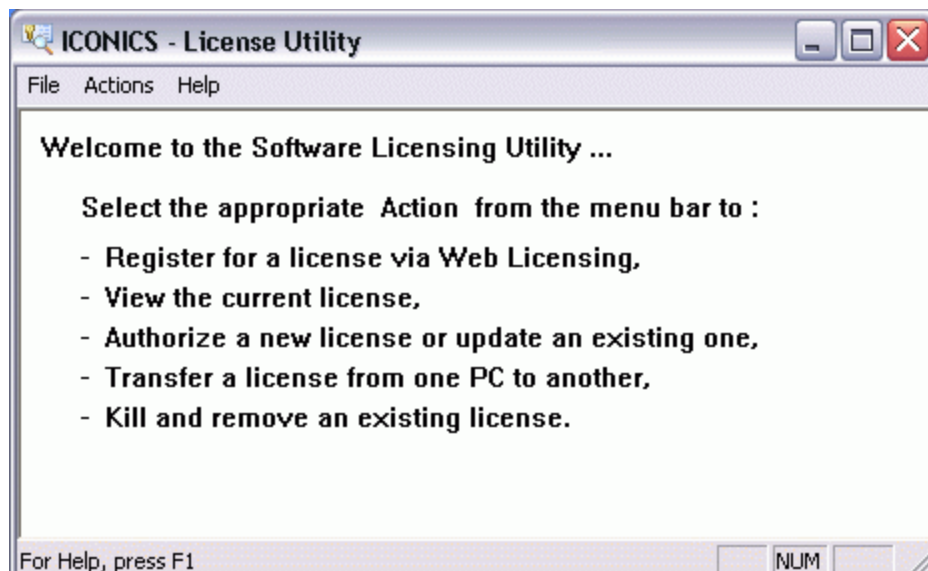
If you are running the License Utility for the first time before authorizing your license on a computer, a dialog box for the **Temporary License Authorization** appears, as shown in the figure below. The temporary licensing is a one-time license and is for a period of 30 days. This can be used for product evaluation and trial purposes. To execute the temporary license, click **Yes**. If you want to transfer a license to the PC, click **No**. If you want to continue to run in demonstration mode, click **Exit**.



Temporary License Authorization

This enables the temporary license, and the License Utility opens as shown in the figure below.

Note: If you are upgrading a previous version of the License Utility and already have a GENESIS32 5.x, 6.x, 7.x, or 8.x license, selecting YES will convert the GENESIS32 5.x, 6.x, 7.x, or 8.x license to a temporary 30-day license of the same configuration.



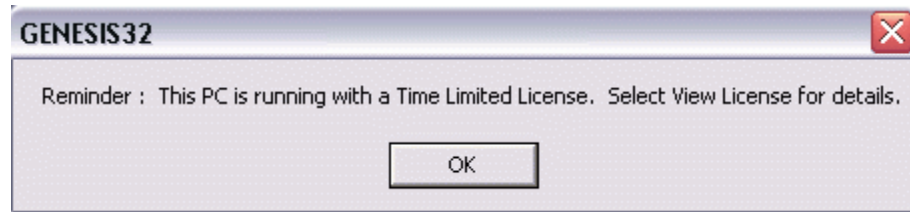
License Utility Screen

When you run ICONICS software with a temporary authorization, you will be notified of how much time remains, as shown in the figure below.



Temporary License Notification

When you run the License Utility with a temporary authorization, you will be reminded that the license authorization is temporary, as shown in the figure below.



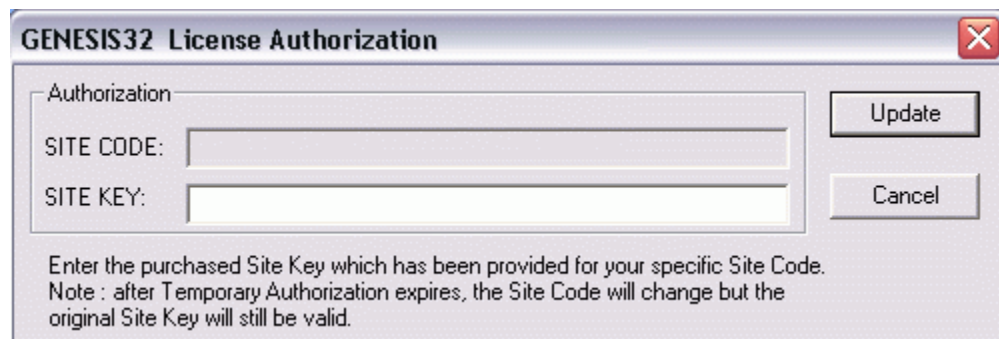
Time-Limited License

Registering for a Software License

To authorize a permanent license, you must get a **Site Key**, which is a unique "software key" number that unlocks the runtime licenses for your site.

There are two options to register and obtain a Site Key for the PC running the License Utility. Regardless of the method selected, the registration and license of GENESIS32 product(s) is achieved using the following process:

1. Identify all products that will run on the PC, as well as the Site Code (to be generated during the registration process) for the PC.
2. ICONICS validates the purchase of the products to be installed by using the provided **Product Registration Number(s)** shipped with the purchased CD. Once validated, ICONICS generates and returns a corresponding Site Key number that will activate the proper products for use on this PC.
3. Select **Authorize License** from the **Actions** menu, and enter the provided Site Key number in the **GENESIS32 License Authorization** dialog box to activate the license, as shown in the figure below.



GENESIS32 License Authorization

4. In the License Utility, begin the process of obtaining your site key by selecting **Register for a License** from the **Actions** menu. This opens the **Registration Method** dialog box, as shown in the figure below.

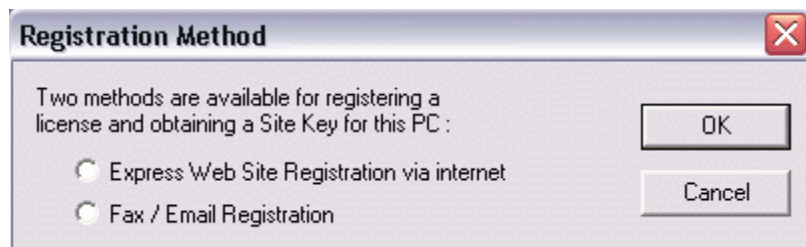
**Selecting a Registration Method****See Also**

Express Web Site Registration via Internet
Fax / E-mail Registration

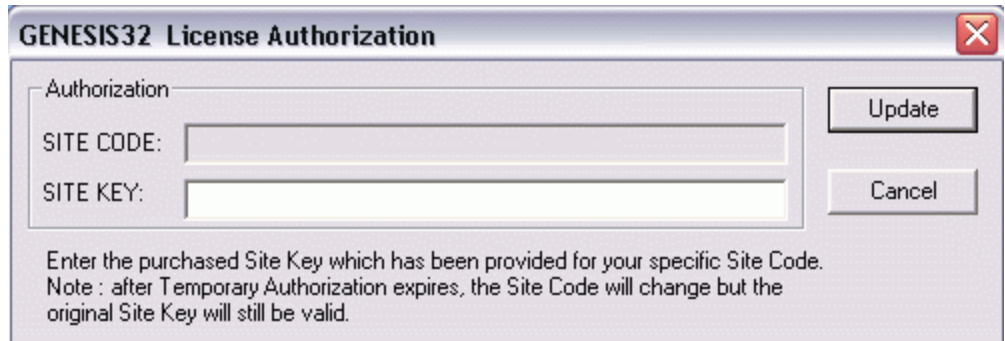
Express Web Site Registration via Internet

If your PC has access to the Internet, select **Express Web Site Registration Via Internet** to link to the ICONICS Registration Web Page, as shown in the figure below. Now you can specify the products to be installed on your PC.

Note: You can also go directly to www.iconics.com/support/licenseproduct.asp to register your product.

**Selecting a Registration Method**

If the **Express Web Site** method is selected, the License Utility launches the **GENESIS32 License Authorization** dialog box, shown in the figure below, to prepare for acceptance of a Site Key provided by the Registration Web Page. The License Utility also launches the ICONICS Registration Web site. Return to the **GENESIS32 License Authorization** dialog box and copy the Site Code to the Windows Clipboard (highlight the Site Code field and press **CTRL+C**) for later use on the Web site.



GENESIS32 License Authorization

Authorization

SITE CODE:

SITE KEY:

Enter the purchased Site Key which has been provided for your specific Site Code.
 Note : after Temporary Authorization expires, the Site Code will change but the original Site Key will still be valid.

GENESIS32 License Authorization Dialog Box

Return to the launched ICONICS Registration Web Page and follow the directions given. When prompted for your Site Code (now copied to the Clipboard), press **CTRL+V** to paste it.

At the end of the Web-Licensing process, you will be given a Site Key number. Copy this Site Key to the clipboard (**CTRL+C**). Return to the **GENESIS32 License Authorization** dialog box in the License Utility and Paste (**CTRL-V**) your Site Key in the appropriate field. Click **Update** to complete the registration process.

Note: Even if the PC on which you wish to install the license is not connected to the Internet, you may still access the ICONICS Web site via another computer. You will go through the same steps, but will not be able to simply copy and paste the required codes.



Registering for a Software License

Fax / E-mail Registration

Instead of connecting to the Internet (either from the installation PC or another one as described above), you apply for a software license via e-mail or fax. You specify the products to be installed on your PC and then send the generated information via fax or e-mail to ICONICS, as described below.

1. If the **Fax / E-mail** method is selected, the **GENESIS32 Registration Information** dialog appears, as shown in the figure below. The Site Code generated for your computer by the License Utility is displayed at the bottom. Enter your name, address, city, phone number, etc., in this dialog box, and then click **OK**. The License Utility automatically saves this information into the **Registration** file (Register.dat) in the path where you have installed the License Utility.

GENESIS32 Registration Information

2. The **GENESIS32 Product Registration** dialog box is displayed, as shown in the figure below. There are two options, depending on whether the products have already been purchased and shipped with a labeled Product CD. If the products to be installed on this PC have already been purchased, enter the Product Registration ID number(s) provided with the CD case(s) in the field(s) provided. Then click **Accept**. The next dialog box to appear will be the **Registration Process Completed** dialog box. Skip to Step 4 below.

If you have not yet purchased the software products and, therefore, do not yet have the CDs with the sticker label bearing your Registration Numbers, click **Skip** to proceed to the next dialog box.

GENESIS32 Product Registration

3. In the **New Purchase of Products** dialog box, shown in the figure below, will be displayed next if this is a new purchase or if the Product IDs are not available. This dialog box does not require that the Registration IDs have been specified because the ID uniquely identifies

the product(s) to be installed. Select the quantity and type of products to be installed and licensed on this PC and click **OK**.

GENESIS32 New Purchase of Products

Identify the quantity of products to be licensed on this PC :

Quantity	Product(s)
0	
0	
0	
0	
0	

Pocket GENESIS Users: 0
MobileHMI Users: 0

Point Count: [Dropdown]

Options:

- ☐ ReportWorX
- ☐ BridgeWorX
- ☐ PortalWorX
- ☐ Alarm Analytics
- ☐ Unified Web Interface
- ☐ Unified Web Plug-in
- ☐ WebHMI
- ☐ AlarmWorX32 Multimedia
- ☐ DataWorX32 Professional
- ☐ DataWorX32 Lite
- ☐ CE ToolWorX
- ☐ OPC ToolWorX
- ☐ ActiveX ToolWorX

Additional ... OK Cancel

New Purchase of Products

- Finally, the **GENESIS32 Registration Process Completed** dialog box is displayed. You may now choose which method you prefer to use to send your information to ICONICS.

GENESIS32 Registration Process Completed

To complete the registration process, select one of the following methods and press OK.

☒ Print and fax registration FAX TO : ICONICS Order Dept. - (508) 543-1503

☐ E-mail registration via clipboard E-MAIL TO : orders@iconics.com

☐ Print and mail registration to :
MAIL TO: ICONICS Order Dept., 100 Foxborough Blvd., Foxboro, MA 02035

OK Cancel

Registration Process Completed

- After receiving this information from you, the ICONICS Order Processing Department will provide you with the unique Site Key for your system via fax or e-mail. Once you have your Site Key, you can authorize your software license (see the section Authorizing Your Software License).



Registering for a Software License

Viewing the Software License

To view the software license, select **View License** from the **Actions** menu of the License Utility. This opens the **GENESIS32 License View** dialog box, shown in the figure below, which displays the current license information, including:

- Type of license
- Restrictions on the license
- Number of copies licensed (allowed and used)
- Number of Clients Units supported by the license
- Site Code and Site Key

GENESIS32 License View

GENESIS32 Version 9 Product License

License Status:

Restriction: Allowed: Used:

License Configuration:

with Client Units

Pocket GENESIS Users: MobileHMI Users:

Options:

☐ ReportWorX	☐ AlarmWorX32 Multimedia
☐ BridgeWorX	☐ DataWorX32 Professional
☐ PortalWorX	☐ DataWorX32 Lite
☐ Alarm Analytics	
☐ Unified Web Interface	☐ CE ToolWorX
☐ Unified Web Plug-in	☐ OPC ToolWorX
☐ WebHMI	☐ ActiveX ToolWorX

License Site Information:

Site Code :

Site Key :

Viewing the Software License

If the license is temporary, the **Site Key** field will display **Temporary Authorization**, and there will be a unique **Site Code** generated by the utility based on your computer hardware.

For a hardware license key, you will see a slightly different version of the Software License dialog box where the number of days remaining in the license is shown in place of the days purchased and days remaining which you see for a software key.

Viewing the Software License with a Hardware Key

Users of Pocket GENESIS must purchase licenses for simultaneous connections between a desktop PC and Pocket PC devices or CE devices. When a user purchases Pocket GENESIS and installs it on a desktop PC, two simultaneous Pocket PC connections will be available to that user from the desktop PC. If the user decides that more Pocket PC connections are needed, the user must purchase more Pocket PC connections in packages of five connections.

The GENESIS32 License Utility detects how many Pocket PC devices are connected to the desktop PC. If the maximum number of connections has been made, no new connections will be allowed to the desktop PC. For example, during one connection a Pocket PC device can be running Pocket TrendWorX, Pocket AlarmWorX, and Pocket GraphWorX simultaneously. If any of those applications are running, the connection is active.

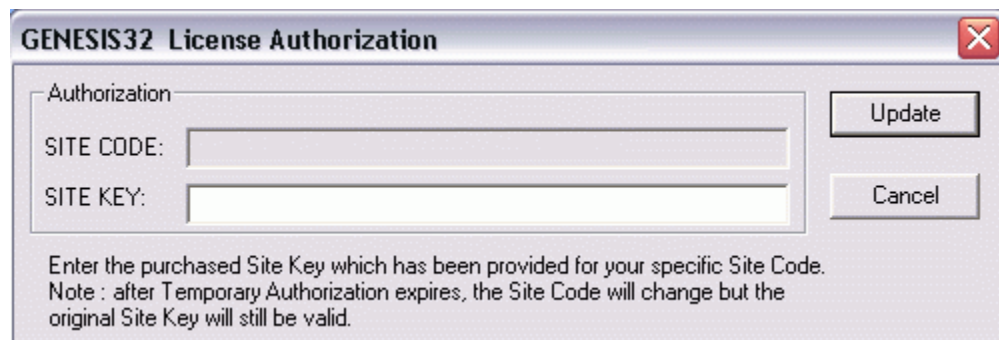
For Pocket PC devices and other CE devices, the License Server runs on the desktop PC connected over Ethernet via GenBroker. Thus, if a user has a license that allows for two connections and has two Pocket PC devices connected at the same time, both Pocket PC devices can be running Pocket TrendWorX, Pocket AlarmWorX, and Pocket GraphWorX simultaneously. Then if another Pocket PC device tries to connect to the GenBroker server on the desktop PC where those two licenses are located, it will be denied.

Note: Please refer to the GenBroker help documentation for information about assigning a node or IP address to a remote License Server.

Note: Please refer to the ICONICS BizViz CD documentation for information about licensing for ReportWorX, BridgeWorX, and PortalWorX.

Authorizing the Software License

Once you have your Site Key (from either the Web site or from the fax/e-mail form received from ICONICS), you are ready to authorize your license. When you select **Authorize License** from the **Actions** menu of the License Utility, the **GENESIS32 License Authorization** dialog box appears, as shown in the figure below.



GENESIS32 License Authorization

Authorization

SITE CODE:

SITE KEY:

Enter the purchased Site Key which has been provided for your specific Site Code.
Note : after Temporary Authorization expires, the Site Code will change but the original Site Key will still be valid.

License Authorization

This dialog box displays your Site Code. Type the Site Key number received from ICONICS in the **Site Key** field. If, while using the same PC, you have obtained the number from the ICONICS Web site, paste the number into the **Site Key** field. Click **Update** to have your license authorized. You can now view the enabled software license by selecting **View License** from the **Actions** menu bar of the License Utility.

Note: If you had an existing license to begin with, clicking **Update** will overwrite your existing license, either by replacing or appending/updating it with new products.

Transferring a Software Key License

You can use either a disk directory or the Web Licensing Site to transfer a license. You can transfer a software license from one PC to another. The License Utility must be installed *first* on the target PC, so you can perform the license transfer. Starting with version 9.10 you can purchase a hardware key for your ICONICS GENESIS32 licenses and use that USB device to physically move your licenses from system to system. If you have a hardware key you do not need to use the procedure below.

Transferring Licenses Using a Disk or USB Memory Device

License transfer requires that the target PC is an unauthorized site. To transfer a license from one PC to another, do the following:

1. On the target computer, select **Transfer License** from the **Actions** menu of the GENESIS32 License Utility to generate the necessary registration files in a temporary directory. This opens the **GENESIS32 License Transfer** dialog box, shown in the figure below.

GENESIS32 License Transfer

You are about to transfer a license from one PC to another. To do so, identify this PC to be one of the following :

☐ Source PC which already has license installed.

☒ Destination PC which is about to receive the license.

Exit

WARNING : If transferring a time-limited license, make sure Source and Destination PC's are TIME-SYNCHRONIZED !

To perform the license transfer, the following three step process is required :

Step 1 - On the DESTINATION PC, specify a valid network or disk folder reference. The folder will be initialized in preparation to receive the license from the source PC. Enter Registration File Path and press button at right :

A:\

Step 1 Register Transfer

Step 2 - On the SOURCE PC, specify the network or disk folder that contains the registered folder from step (1) and press this button. This will remove the license from the source PC and place it in the folder for transfer to the destination PC.

A:\

Step 2 Transfer License Out

Step 3 - On the DESTINATION PC, make sure the folder containing the license from step (2) is available and press this button. This will transfer the license from the folder and install it on the new PC.

Step 3 Transfer License In

Transferring a License

2. At the target PC, a temporary directory has to be prepared for receiving a license. Prepare the directory on the target computer.
3. Select the **Destination PC which is about to receive the license** option on the **License Transfer** dialog box. Notice that Step 1 of the dialog box is enabled. The path will default to A:\. If your disk drive letter is different, you can type it in the path field (for example E:\).

Note: If you are transferring a time-limited license, make sure that the source and destination PCs are time-synchronized.

4. Click the **Register Transfer** button. This will prepare the disk for transfer.
5. Run the License Utility on the source computer. Select **Transfer License** from the **Actions** menu of the License Utility and select the **Source PC which already has license installed** option. Notice that Step 2 in the dialog box is now enabled. The path will default to A:\. If your disk drive letter is different, you can type it in the path field (for example E:\).
6. Click the **Transfer License Out** button on the dialog box. This will transfer the license from the source PC to the disk directory.
7. Select **Transfer License** from the **Actions** menu on the target computer to transfer the license from the disk directory to the target computer.
8. Click the **Transfer License In** button now. This will transfer the license from the disk directory to the target computer.
9. Restart your target computer for the changes to be effective.

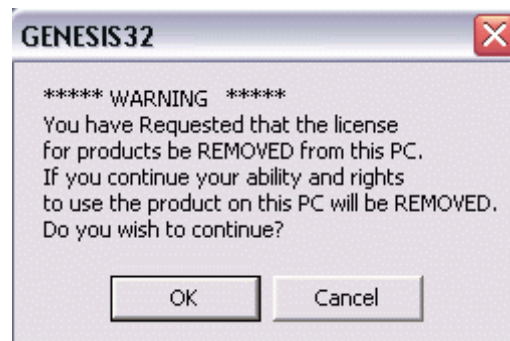
Transferring Licenses Using the Web Site

You can transfer a license by first killing it (described in the next section) on one PC in conjunction with the Web Authorization Site (thereby putting the license back onto the Web), and then re-authorizing it on the new PC. The Web site acts as an intermediary storage facility for the license, making it easy to transfer licenses between PCs that are physically far apart.

Killing a Software Key License

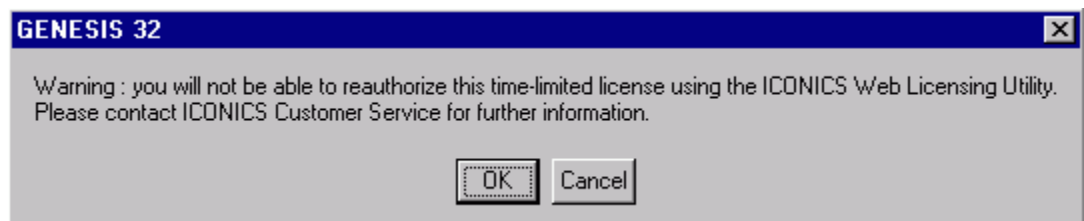
To kill or delete the existing software license:

1. Select **Kill License** from the **Actions** menu in the License Utility. Using this option, you can remove the current software license from the current machine. You also need to contact the ICONICS Order Processing Department to get a special password for killing your license. A warning message will be displayed on the screen as shown in the figure below. **If you kill your license, you need to get a new license from ICONICS to restart your GENESIS32 product.**



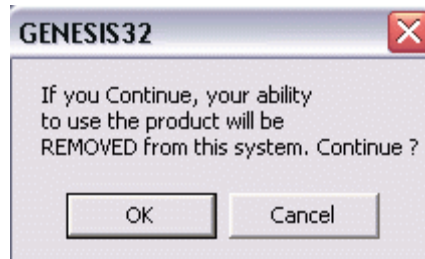
Killing a Software Key License

2. Click **OK** to continue or **Cancel** to exit. Clicking **OK** will display another warning message. If the license you are killing is an authorized time-limited license, a message appears as shown in the figure below.



Killing a Time-Limited License

3. If the license you are killing is a 30-day license or a permanent license, a message appears as shown in the figure below.



Continue With License Termination

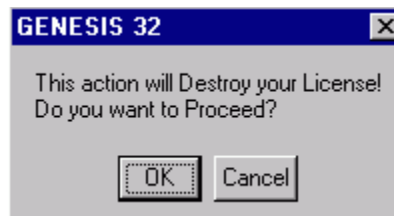
4. Clicking **OK** will display the Kill and Remove License dialog box, as shown in the figure below. Click **Cancel** if you do not want to continue. Enter your name, the date, and the password you received from ICONICS to kill the license on the above dialog box, and then click **OK**. Click **Cancel** if you do not want to kill your license.

NOTE: This is the last step before you can exit without killing your license.



Kill and Remove License

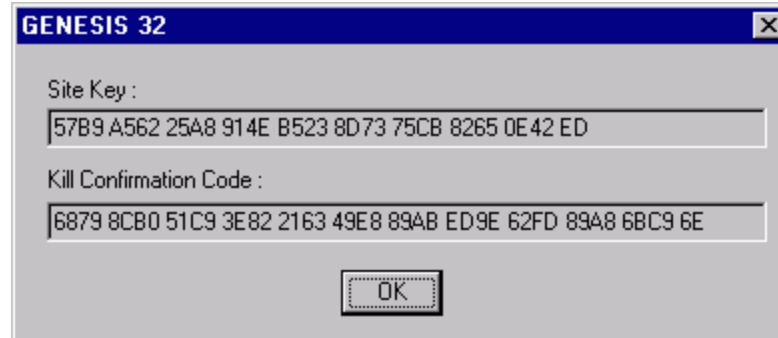
5. A dialog box will appear to warn you of this danger, as shown in the figure below. If you wish to proceed with killing your license, click **OK**.



Final Warning Message Before License Termination

6. A dialog box containing the **Kill Confirmation Code** will appear, as shown in the figure below. Click **OK**.

Note: You can copy the code in the **Kill Confirmation Code** field and paste it onto the Web page.



Site Key With Kill Confirmation Code

7. Upon successful deletion, a file called "KILL.TXT" will be created in the "Softlic" directory, which has the name, date, and last authorized key and confirmation code. A message will appear informing you that the file has been created, as shown in the figure below.

Keep this file! You will have to use the name, date, and last authorized key and confirmation code that it contains to confirm that you've killed your license (either via our Order Entry Department, or from the Web site).



Message Confirming Creation of KILL.TXT File

Note: If you uninstall the Software License Utility, it will delete this KILL.TXT file. So make sure to copy this file or note the confirmation code before uninstalling the Software License Utility. You also need to give this code to ICONICS for the license removal process to be complete.

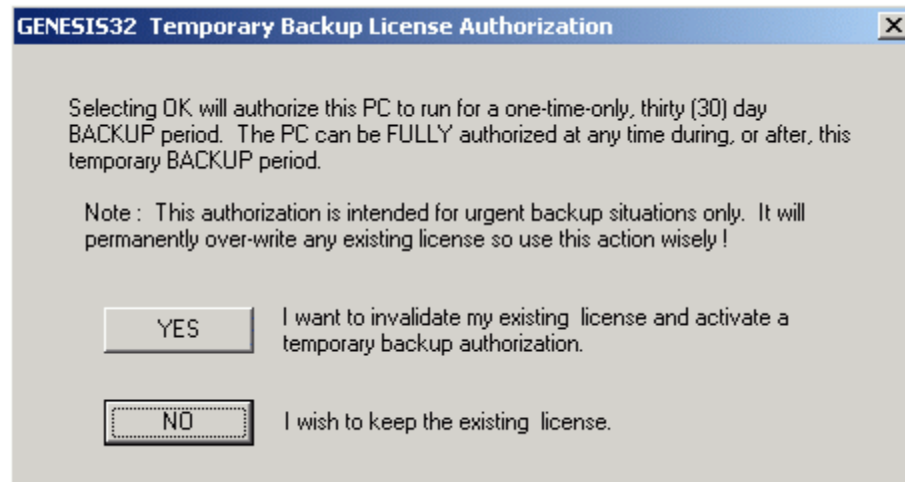
Note: Also, a time-limited license CANNOT be credited back to the Web-based License Generator using a Kill Code. You must call the ICONICS Order Processing department.

Note: Simply uninstalling GENESIS32 Enterprise Software (or its components) will *not* uninstall the Licensing software. Your valid license will remain activated on your PC.

Temporary Backup License Authorization

A backup license is available only after a valid license has been issued. You can enable a backup license by selecting **Temporary License** from the **Actions** menu in the License Utility. This opens the **Temporary Backup License Authorization** dialog box, as shown in the figure below. Clicking **Yes** will authorize the PC to run for a one-time-only, 30-day backup period. The PC can be fully authorized at any time during or after this temporary backup period. Clicking **No** preserves the existing license.

Note: Temporary backup license authorization is intended for urgent backup situations only. Clicking **Yes** invalidates the existing license and activates a temporary backup authorization, permanently overwriting any existing license. Thus, please use caution when activating a temporary backup license authorization.



Temporary Backup License Authorization