

Description: The following application note explains in detail the rules to be followed to maintain a running License for your GENESIS32 or GENESIS64 system.

The Licensing Software

Assuming you have a valid license installed, following is a list of Dos and Don'ts that you should use as guidelines in order to safeguard your authorized license.

Please note that this list may not be exhaustive and that other software such as Windows Update may automatically perform actions that can break the license.

GENESIS32 or BizViz

Besides the GENESIS32 or BizViz product installation, ICONICS has a separate application called ICONICS Software Licensing. This is the software program that is required to be installed, in order to License all ICONICS applications, with a software key.

If you have installed this program, you will see it in the Start Menu under either **ICONICS Licensing32** (for GENESIS32) or **ICONICS .NET Licensing** (for BizViz).

If you do not have ICONICS Software Licensing installed, then please install it from the ICONICS product DVD. You may use the Help files to get information on how to register for a license, once you have the program installed.

GENESIS64, Hyper Historian, or AnalytiX

Our 64-bit suites of products install the licensing software automatically. It can be found in the Start menu under the **ICONICS .NET Licensing** folder.

Combining 32-bit and 64-bit Products

If you are installing 32-bit and 64-bit products on the same machine, make sure that they have compatible versions. See the *ICONICS – Compatible Software and Operating Systems* application note for a table of versions that are compatible. Installing incompatible versions can make the licensing fail for one or both generations of product.

You only need to activate your license once using one license utility, even if you have both 32-bit and 64-bit products installed. You can activate all products (32-bit and 64-bit) at the same time. It's recommended to use the .NET License Utility (64-bit) when possible.

Hardware or Cloud Licenses

These Dos and Don'ts apply to software licenses only. You may freely do any of the Don'ts if you have a hardware or cloud license.

The DOs

ACTION	EXPLANATION
You CAN change the date/time on the PC, if you have a permanent license	Doing this will not affect a permanent ICONICS license.
You CAN change the time zone on the PC.	Doing this will not affect a permanent or temporary ICONICS license.
You CAN allow Windows to change the time to adjust for daylight saving time changes automatically	Doing this will not affect a permanent or temporary ICONICS license.
You CAN use Microsoft Windows System Tools such as Disk Defragmenter to de-fragment the hard drive on the PC IF you exclude the licensing directories	Windows Disk Defragmenter will work perfectly without harming the license if it is not run on any of the licensing directories (C:\Program Files(x86)\ICONICS\SoftLic, C:\Program Files\ICONICS\SoftLic, or C:\ProgramData\ICONICS) or any of the Windows system directories.

You MUST KILL the license FIRST if you have to do anything in the DON'T list!	If you need to undertake one of the 'don't' actions described below (such as converting a FAT partition to NTFS) use the ICONICS license utility to KILL the license before you start. Upload the resulting kill.txt file to the ICONICS Web Licensing Utility before continuing. You may then re-authorize your license from the web site once you have completed work on the machine.
You CAN create RAID drives with ICONICS license	RAID 0, RAID 1, and RAID 5 is supported by ICONICS.

The DON'Ts

ACTION	EXPLANATION
DO NOT copy license files from one PC to another or duplicate the license files on disk.	Deleting, moving or even copying the license files on the hard drive will result in the loss of your license. NEVER copy licensing files, even to the same machine as a backup.
DO NOT move license files (or the folder they are in) from one location to another on the same PC.	Moving the files (even temporarily) within the PC's folder/disc structure will destroy the license.
DO NOT change the name of a PC (as shown in Network Neighborhood).	Never change the name of a PC after the licensing tool has been installed.
DO NOT uninstall the Software Licensing when uninstalling GENESIS32 or BizViz if you have a valid software license.	If you are using 64-bit products, the licensing software is part of the "framework". For 32-bit products, it is a separate application with its own uninstall.
DO NOT uninstall all 64-bit products if you have a valid software license.	If you have a valid license on a system you should kill your existing license and credit it to the website before uninstalling the 32-bit Software Licensing application, or before uninstalling your last 64-bit ICONICS product.
DO NOT use Norton Utility to de-fragment the hard drive on the PC unless you follow the instructions shown on the right.	Speed Disk is the de-fragmentation utility included in Symantec's Norton Utilities. Unfortunately, Speed Disk moves ICONICS licensing files, causing license loss. To prevent license loss: 1. Open Speed Disk and choose File Options Customize Unmovable Files. 2. Specify that *.ENT, *.RST, *.KEY and *.41S files cannot be moved.
DO NOT use a backup utility without excluding the sensitive licensing directories.	Backup utilities, or any utility that changes the "archive" bit on sensitive licensing files may invalidate the license. If you run a backup utility, exclude these directories, if they exist: - C:\Program Files(x86)\ICONICS\SoftLic - C:\Program Files\ICONICS\SoftLic - C:\ProgramData\ICONICS Even if the backup runs without invalidating the license, restoring the backup will result in an invalid license that needs to be "cleaned" with the aid of technical support before a good license can be activated.

DO NOT Change the PC's file system from FAT32 to NTFS once the ICONICS license has been installed.	Changing from Fat32 to NTFS will modify the file structure for every single file on the hard disk. (Warning – this can happen when upgrading from WINNT → Win2000) As a result, every file will be read and re-written and the ICONICS license will be destroyed. The licensing files are linked to specific locations in the FAT. Once re-written, the license is lost.
DO NOT change the date on the PC if you have a time limited license.	The ICONICS demo license is a time-limited license. Changing the date on your PC will be noticed by the license utility and interpreted as tampering. Loss of the license will be the result. Starting the ICONICS Software License utility will generate a message stating that the time on the PC has been reset and the utility will not run. Resetting to the exact previous date may recover your license. However, changing the time within the same day of the same month of the same year will not affect a Temporary license.
DO NOT reinstall the OS, format or upgrade the OS on your machine	Any of these actions will result in the loss of a license. Please kill the license and credit it to the website BEFORE doing these actions.
DO NOT compress or resize partitions	Tools for maintaining virtual environment often allow you to backup or restore images while compressing/decompressing the partitions. It may result in license loss.
If your system is a Virtual Machine DO NOT copy the VM to another host or restore an old snapshot/checkpoint.	ICONICS highly recommends using hardware licenses (a device such as AnywhereUSB can be used to connect the VM to a hardware license) or cloud licenses (where available) with virtual machines, especially virtual machines that may move to different hosts in the event of a failure. If you are using a software license on a VM and wish to take a snapshot for backup purposes, or if you need to move the VM to another host, we recommend that the license be killed and credited to the web before the snapshot is taken or the machine moved, otherwise the restored snapshot or VM may have a corrupted license and need to be "cleaned" with the aid of technical support.
DO NOT use a software license on an Azure or other cloud-based virtual machines.	Azure machines may change hosts with no notice. This may invalidate the license. ICONICS recommends cloud licensing for Azure or other cloud-based machines.