



# GENESIS32 License Protection Using Hardware Key

## APPLICATIONS NOTE

January 2003

**Description:** Using a hardware key to license GENESIS32  
**OS Requirement:** The operating system required is Win XP/2000/NT/98/Me.  
**General Requirement:**

## Hardware Key “Dongle” for 7.0

GENESIS-32 release V7.0 includes support for product licensing via a *hardware key*. This provides an alternative method of product licensing to the existing Site Code / Site Key *software key* method maintained by the GenLic32.exe License Utility.

The hardware key connects to the PC's parallel printer port (LPT1 or LPT2) using the typical DB25-pin extender-module commonly referred to as a dongle. Upon request, ICONICS now offers a USB version of the hardware key.

## How it Works

GENESIS-32 products will first check for the existence of a hardware protection key. If one exists, the product license configuration stored on the hardware key is used.

If a hardware key is not detected, the standard software key protection is assumed. If a valid configuration is detected it is subsequently used. If there is no software key or hardware key, GENESIS-32 products run in demo mode.

It is possible to have both a hardware key product license and a software key product license installed at the same time. However, only one license (hardware key) will be recognized.

## Installation

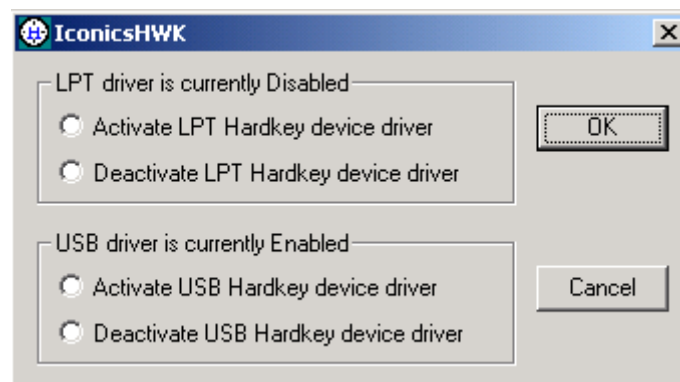
The support files necessary for the hardware key to run have been added to the GenLic32 License Utility installation. Therefore, if not already present install the ICONICS License SoftwareV7.0.

If there is no permanent software key present, it is recommended to first uninstall the existing License Utility. If a valid, non 30-day software license currently exists, it is acceptable to install the new release over the existing installation and the existing license will be maintained.

## Activation

To activate hardware key support, you must run the IconicsHWK.exe hardware key utility to activate the necessary drivers.

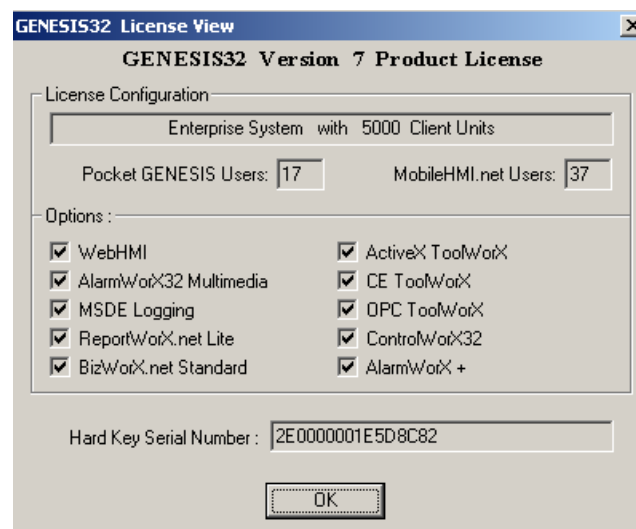
There is no shortcut or “Programs” group entry for this utility. It must be run manually via File Explorer, MSDOS Prompt or the Run dialog. By default, IconicsHWK.exe is located in the “Program Files\Iconics\Softlic” directory.



To activate, simply check ‘Activate Hardkey device driver’ for your either the LPT driver **or** the USB driver and click OK. Please follow the on-screen instructions. If you experience any difficulties, reboot the PC and try again. To deactivate, check Deactivate Hardkey device driver and click OK. Again, if you experience any difficulties, reboot the PC after doing so.

## Verification

To view the current product license stored on a hardware key, run the License Utility (“Start/Programs/ICONICS Software Licensing”). If the drivers are activated and the key is attached to LPT1 or LPT2 or the USB ports, the following dialog will display.



## Field License Upgrade Utility

A utility (HWK6to7Update.exe) is available for upgrading a 6.x hardware key to 7.0. Please contact support@iconics.com.