GENESIS32 – Running with UAC Enabled

APPLICATIONS NOTE

April 2010

Description: Guide to running GENESIS32 on Windows Vista, Windows 7, Windows Server 2008 with UAC enabled.
OS Requirement: Windows 7, Vista, Server 2008
General Requirement: Installation of GENESIS32

Introduction

GENESIS32 is compatible with Windows Vista, Windows 7 and Windows Server 2008 but there are a few things you may need to know. Other than the few items listed in this application note GENESIS32 should work the same on these operating systems as in other versions of Windows (2000, XP Pro, Server 2003).

Working with User Account Control

User Account Control (UAC) is a new feature in Vista (Server 2008, 7) designed to protect users by controlling certain actions. GENESIS32 must ask permission through UAC in order to perform some of its necessary functions.

When launching some GENESIS-32 applications or when trying to perform certain actions you may see one of the following dialogs.

To complete your action, click the Allow button, or enter the password for an administrator on the machine.

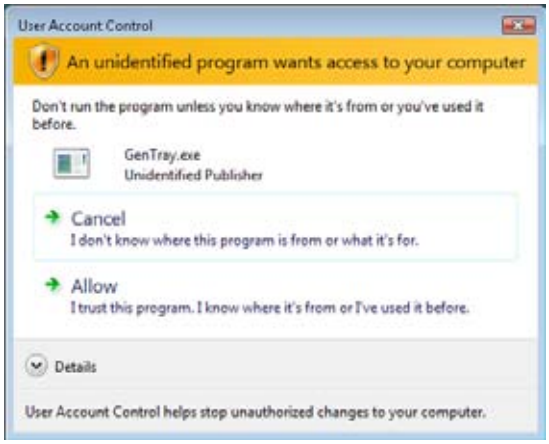

Figure 1 - UAC Dialog for Administrators

Known Issues

As of 9.2, there are some known issues with GENESIS32 on Windows Vista, Windows 7, or Windows Server 2008 (including R2) and you are planning to use User Account Control (UAC):

If you are installing on these operating systems with UAC enabled, you must install under the built-in Administrator account. If this procedure isn't followed, it will appear that the installation completed successfully (with no obvious errors), but the ICONICS services and applications (including Licensing) may not work as expected. Note that the built-in Administrator account is often disabled by default and should be specifically re-enabled via the Computer Management → Local Users and Groups dialog prior to installation.

If you plan to create an OPC Tunnel on these operating systems with UAC enabled, you must start the DataWorX32 Configurator using the "Run As Administrator" option by right clicking on the on the DataWorX32 menu item and selecting this option.

To start up ProjectWorX32 on these operating systems with UAC enabled requires GenTray to be running. If you plan to use ProjectWorX32 on a regular basis on a Vista, Windows 7, or Server 2008 system, it recommended that GenTray be setup to start automatically. To do this:

a. Launch GenTray by going to Start → Programs → ICONICS Tools → GENESIS32 Tray.
b. After GenTray starts, click on the triangle in your taskbar and select Configure.
c. At the bottom of the window, check the box that says, "AutoStart GENESIS32 Tool Tray when Windows starts", then click OK.

WebHMI pages may not load properly on a Windows Vista client. This should be resolved in Service Pack 1 for Vista or with this fix from Microsoft: http://support.microsoft.com/kb/941833

NOTE: The issues may not appear with some operating system with different level of UAC (for example Win 7 with 2nd UAC level).