

Description: Guide to downloading, installing and registering ICONICS Genesis32 ActiveX Controls on demand on a WebHMI client machine.

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: Genesis32 Version 9.1 and WebHMI v9.1 on web server, MS Internet Explorer v6 or higher on client.

Introduction

The Web HMI v9.1 Cab Downloader web page is a part of the WebHMI demo files and is intended for installing some or all WebHMI ActiveX Controls on demand. This tool can be used to make sure that project specific ICONICS ActiveX Controls are downloaded, installed and registered properly on a WebHMI client machine. Note that if a WebHMI user has local administrative privileges the ICONICS ActiveX Controls should be installed automatically on the client machine after opening any WebHMI application generated by GENESIS32 included default examples. This Application Note can be used by local administrators to force the ActiveX components to install and register properly so that later users who do not have administrative privileges can view WebHMI pages.

Accessing the Cab Downloader

On a WebHMI client machine where no ICONICS GENESIS32 software is installed, open Internet Explorer (v6 or higher) and navigate to this address on your WebHMI/Web server:
http://ServerName/WebHMI/Samples/Cab_Downloader.htm
 (The exact path may vary based on your server name and the location of your WebHMI samples). This will open the Cab Downloader html web-page as shown in Figure 1



Figure 1 – WebHMI CAB Downloader Web-Page

From here you can install specific ActiveX components or all of them at once by just simple clicking on a corresponding button. ICONICS recommend downloading and installing the standard controls for a typical WebHMI project.

Installing ActiveX Controls

As an example, click on the button “Licensing and Security Server”. A pop up information bar will be shown –see Figure 2



Figure 2 - Information Bar

In order to allow downloading the required ICONICS ActiveX Control you need to click the bar in the upper part of the Internet Explorer “Allow Blocked Content...” as shown in Figure 3

NOTE: This is a system security dialog. You can trust signed ActiveX controls by the ICONICS Company. You can also decrease the security level in your Internet Explorer so you are not asked about signed ActiveX controls, but this is not generally recommended.



Figure 3 - Allow Blocked Content

The next dialog appears, Figure 4. Click “Yes” to keep on going.

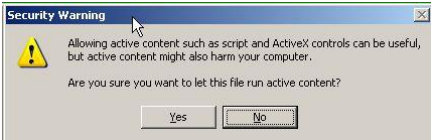


Figure 4 - Security Warning

The Internet Explorer will now download, install, and register selected ICONICS ActiveX Controls on your local system. The registering part of the procedure requires local administrative permissions; therefore a local administrator account should be used. Note that you can download all important ICONICS ActiveX Controls at once if you click the “All objects” button.