

Enable Webserver Feature in AC500 PLCs

1 Introduction:

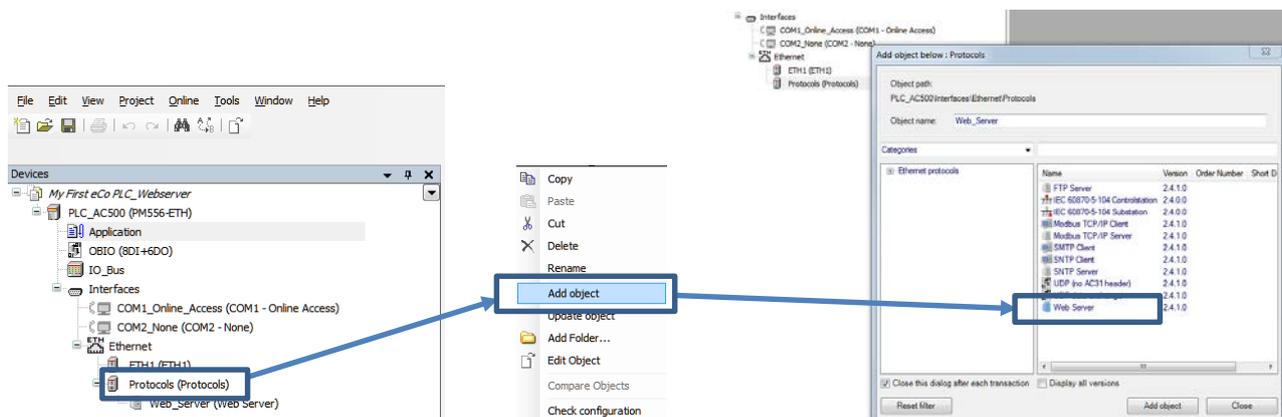
This application note shows you step-by-step to set up the Webserver feature in AC500 and AC500 eCo PLCs using Automation Builder software tool.

2 Webserver setup:

2.1 In Automation Builder, click **Protocols (Protocols)**

2.2 Right click then select **Add object**

2.3 Select **Web Server** in the Protocols menu

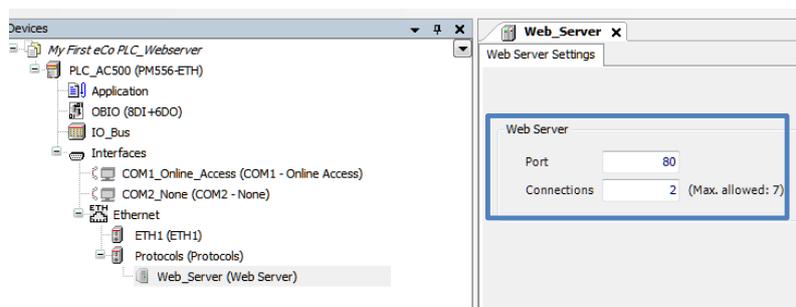


2.4 Enter number of connection in Web Server Settings as shown below.

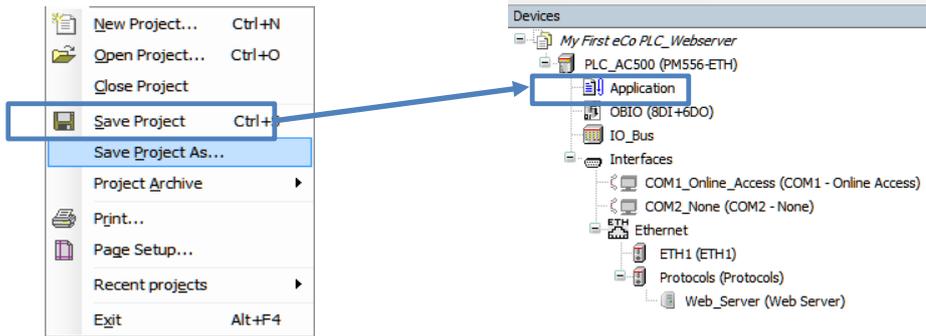
Port = 80 (default)

Connections =2 (It takes 2 connections for each Webserver connection).

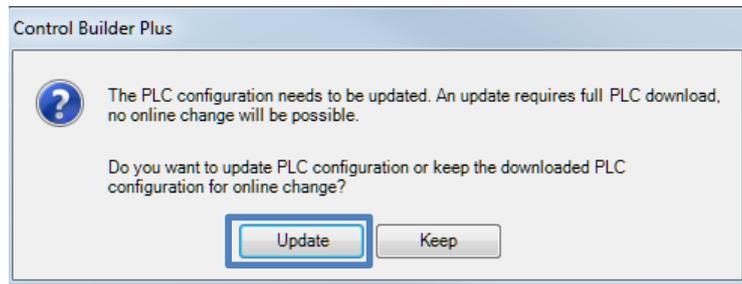
For example, this PM556 ETH CPU will allow maximum of 3 Webserver sessions from different PCs over the internet connection to this PM556 ETH CPU.



2.5 Save the project and double click AC500 to go back to IEC 61131-3 Application environment with these changes.

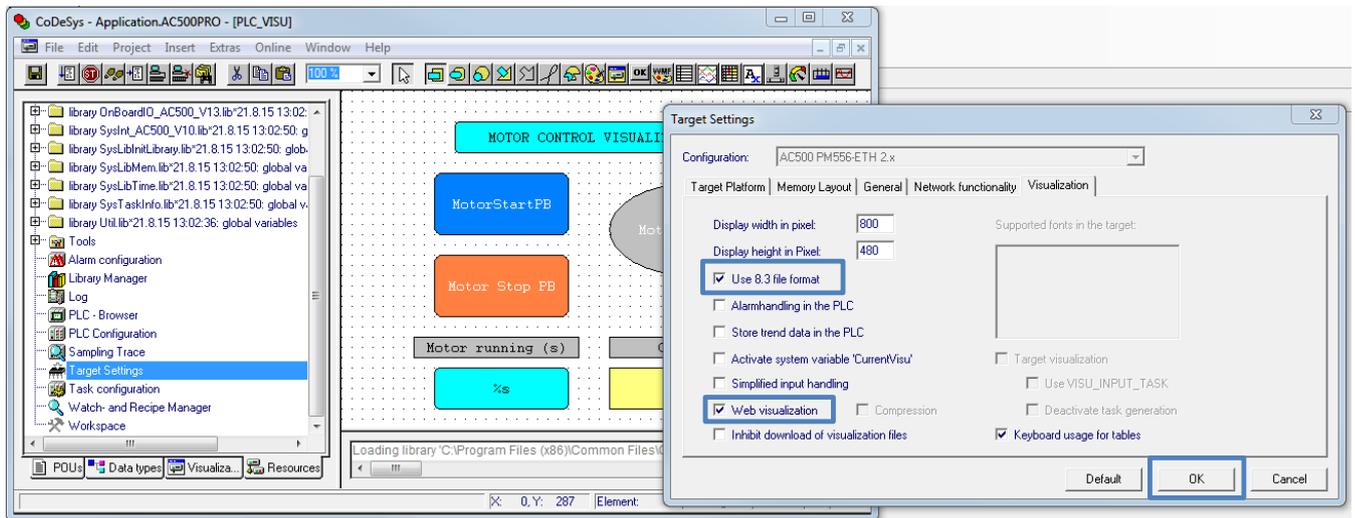


2.6 Click **Update** to update these changes to PLC project.



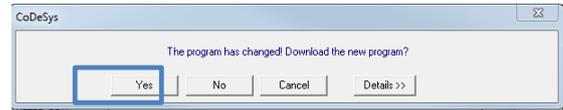
In IEC61131-3 (CoDeSys) application environment:

2.7 Click on **Resource** then select **Target Settings**



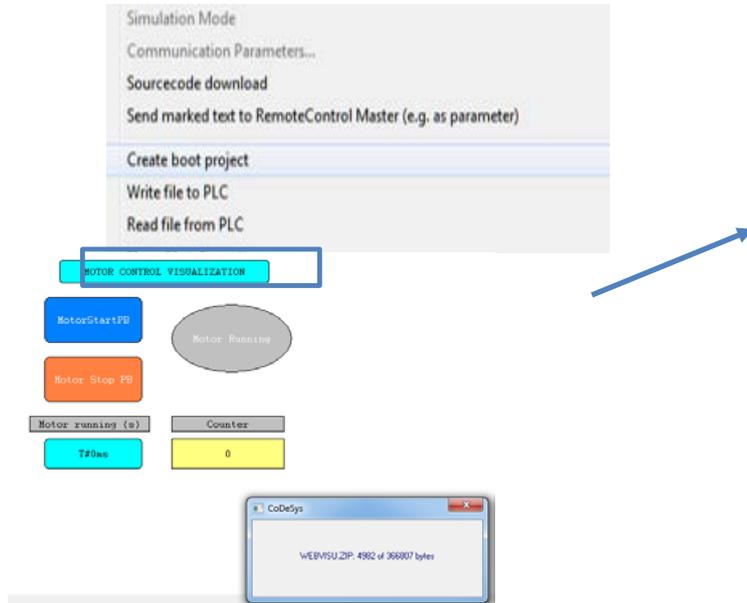
2.8 Click on Visualization tab and check these settings below then **OK** to save these changes.

2.9 Click on File>Save the settings changes



2.10 Click **Online>Download** to download the changes.

2.11 Click on **Create Boot Project** to save the Webserver pages into CPU flash memory. The browser such as Internet Explore will access this screen via Webserver connection over internet connection.

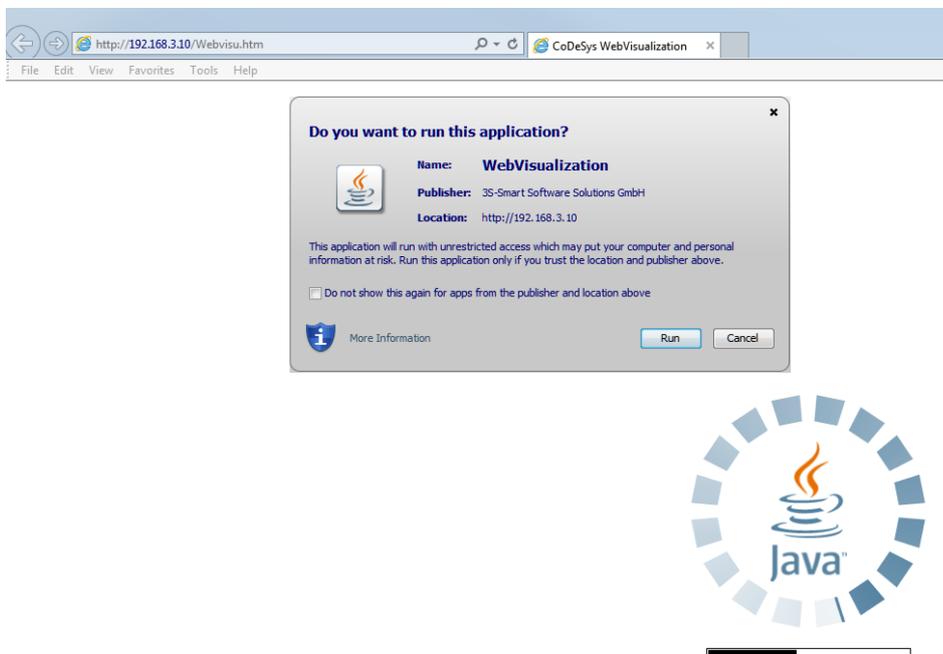


3 Windows Internet Explore setup:

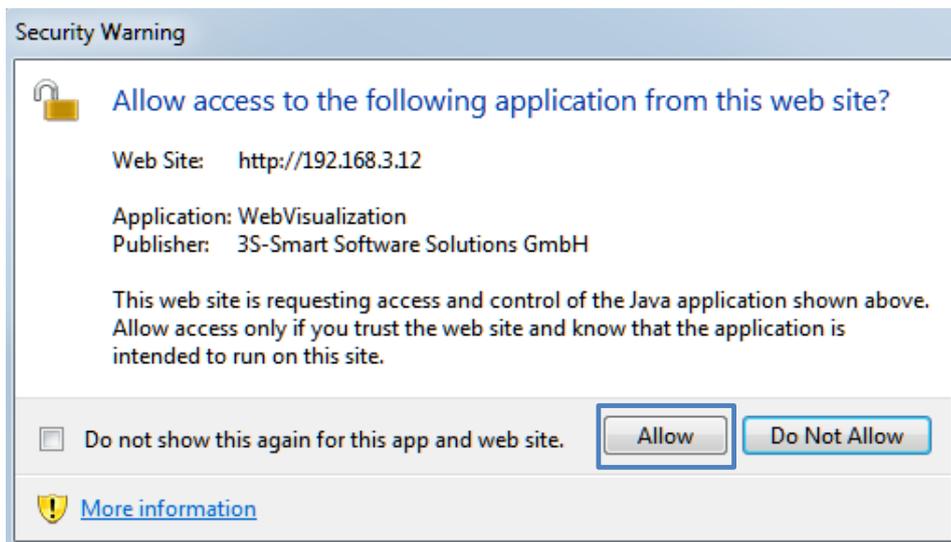
In order for Webserver works correctly, Windows Internet Explore needs the latest Java software install with web browser. The recommend the web browser is Internet Explore 10 or later version.

3.1 In Internet Explore address window, type **hppt://192.168.3.12/webvisu.htm**. This is the IP address of this PM556 ETH CPU used in this example.

3.2 Click on Enter or  to activate the connection.

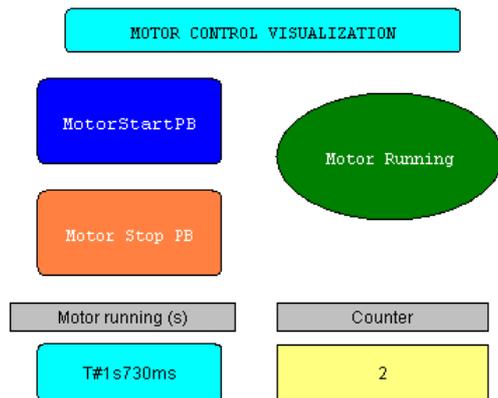
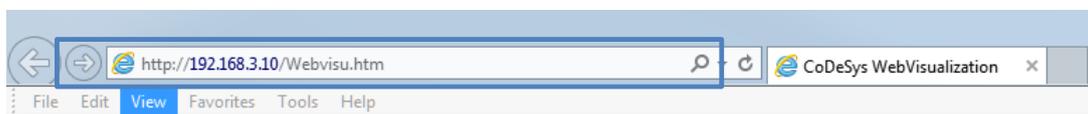


3.3 Click on Allow to accept this security warning



3.4 After a moment, the HMI screen will appear as shown below and you can control and monitor the HMI screen over internet connection.

Here is the live Webserver screen using Internet Explore with latest Java version



Congratulations! You just finish setup of Webserver connection for AC500 and eCo PLCs.