

# **Integration Objects'**

## **Solution for OPC A&E Controls**

**OPC A&E ActiveX**  
Version 2.0Rev.2

## **QUICK USER GUIDE**

Integration Objects' OPC AE ActiveX User's Guide Version 2.0Rev.2  
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## ABOUT THIS USER GUIDE

This guide is a quick step by step guide on how to install and use the OPC AE ActiveX.

## INSTALLATION PRE-REQUISITES

In order to properly run the OPC AE ActiveX, install these software components on the target system:

- The [OPC core components 3.00](#) which consist of all shared OPC modules including the DCOM proxy/stub libraries, the OPC Server Enumerator, .NET wrappers, etc. You can alternatively apply the OPC Core Components 3.00 Redistributable delivered with the current package or download it from the OPC Foundation site ([www.opcfoundation.org](http://www.opcfoundation.org)).
- NET Framework 2.0.

## INSTALLING OPC AE ACTIVEX

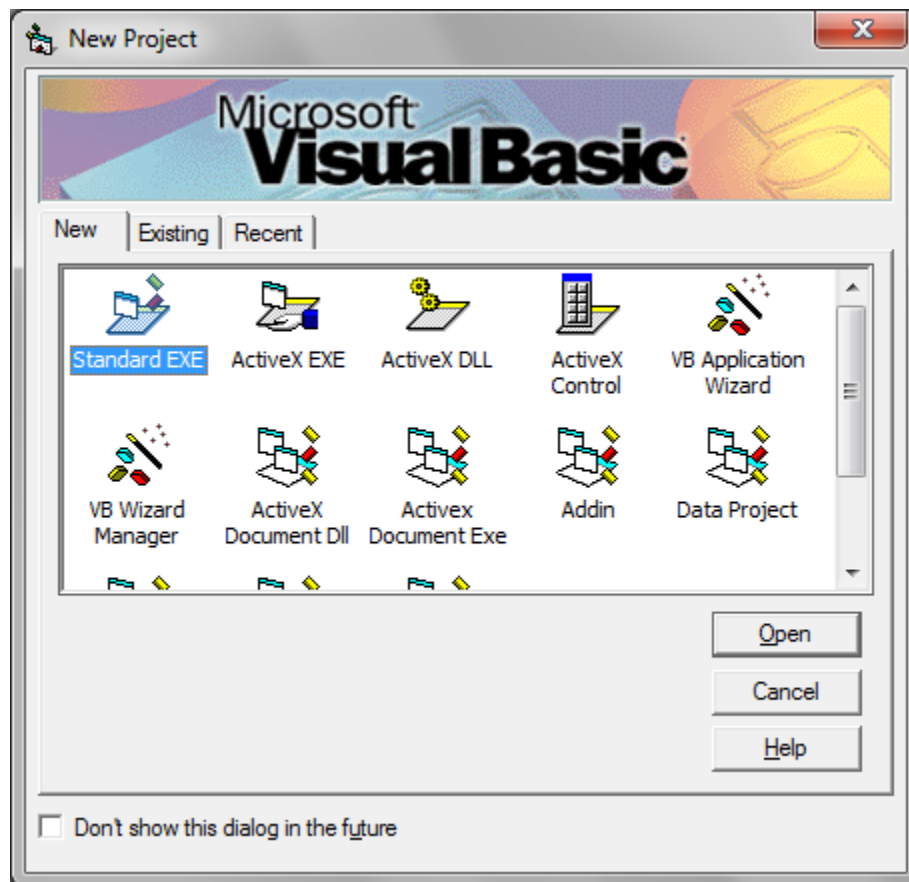
To install the OPC AE ActiveX, run the installation executable using an administrator account and the wizard will take you through the different installation steps.

## DEPLOYING THE .NET AE LOGGER IN MICROSOFT VISUAL BASIC 6.0

This section provides the steps on how to deploy the .Net AE logger in the Visual Basic 6.0.

### Step1: Create a Standard EXE

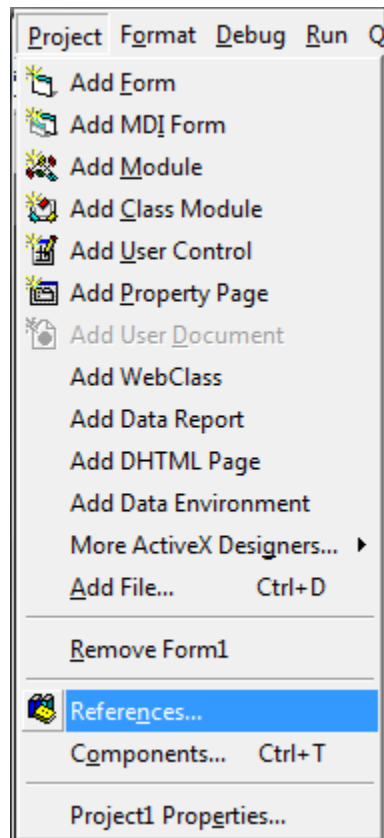
Run the Microsoft Visual Basic 6.0 and select a Standard EXE to create a new project as shown below.



**Figure 1: Create a VB6 Standard EXE**

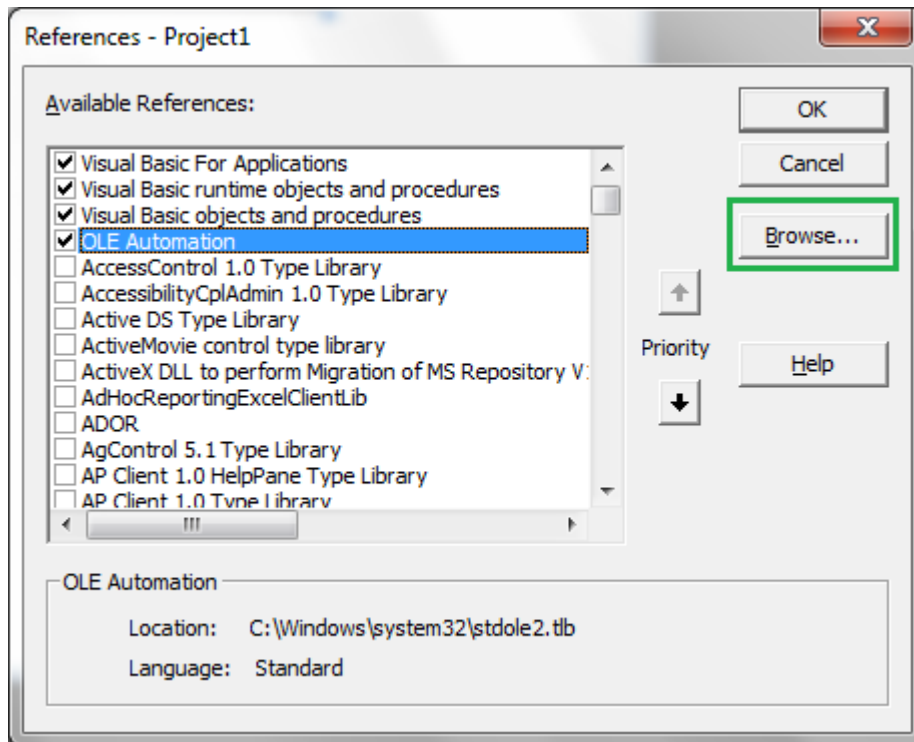
Step2: Add the OPC AE Net Logger Reference

1. Select the *Project* menu item and click on *References*



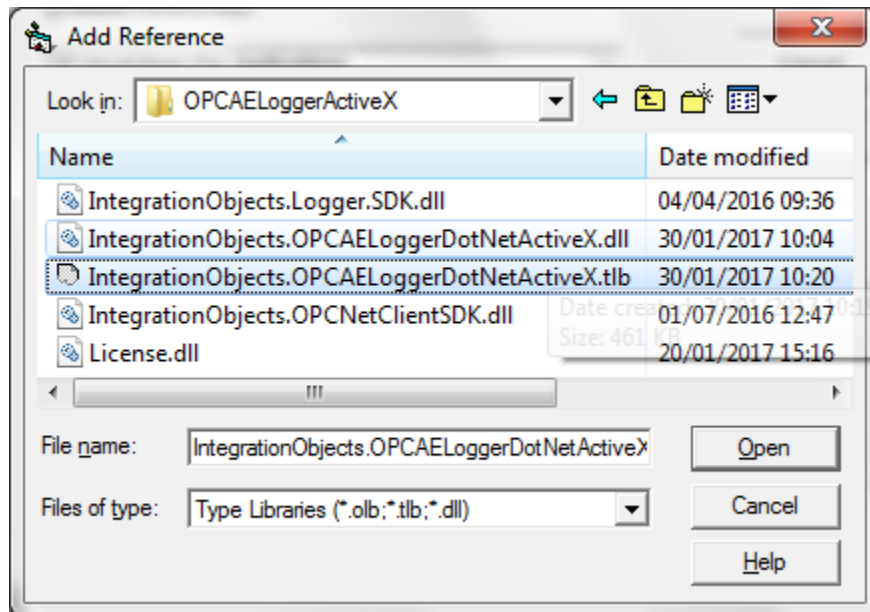
**Figure 2: Select Project Reference**

2. Click on the Browse button and select the OPC AE Logger tlb file path (.\Program Files (x86)\Integration Objects\Integration Objects' OPC AE ActiveX\Bin\DotNet\OPCAELoggerActiveX)



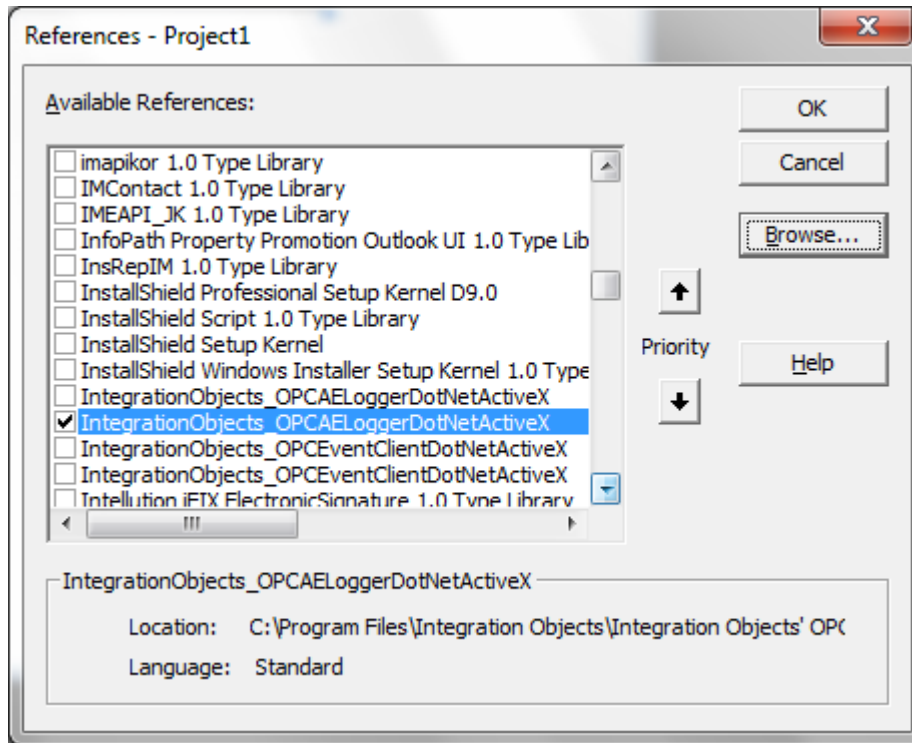
**Figure 3: Browse the OPC AE Net Logger Path**

3. Select the “IntegrationObjects.OPCAELoggerDotNetActiveX.tlb” and click on the *Open* button.



**Figure 4: Select the Type Library (.tlb) File**

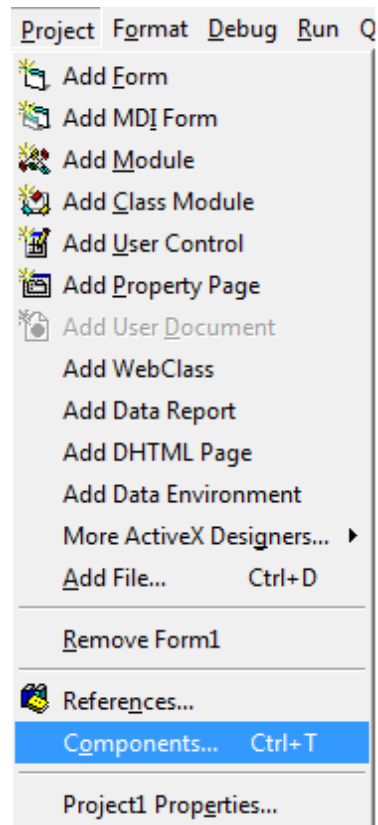
- Once the IntegrationObject\_OPCAELoggerDotNetActiveX reference is checked, click on OK



**Figure 5: Check the OPC AE Net Logger Reference**

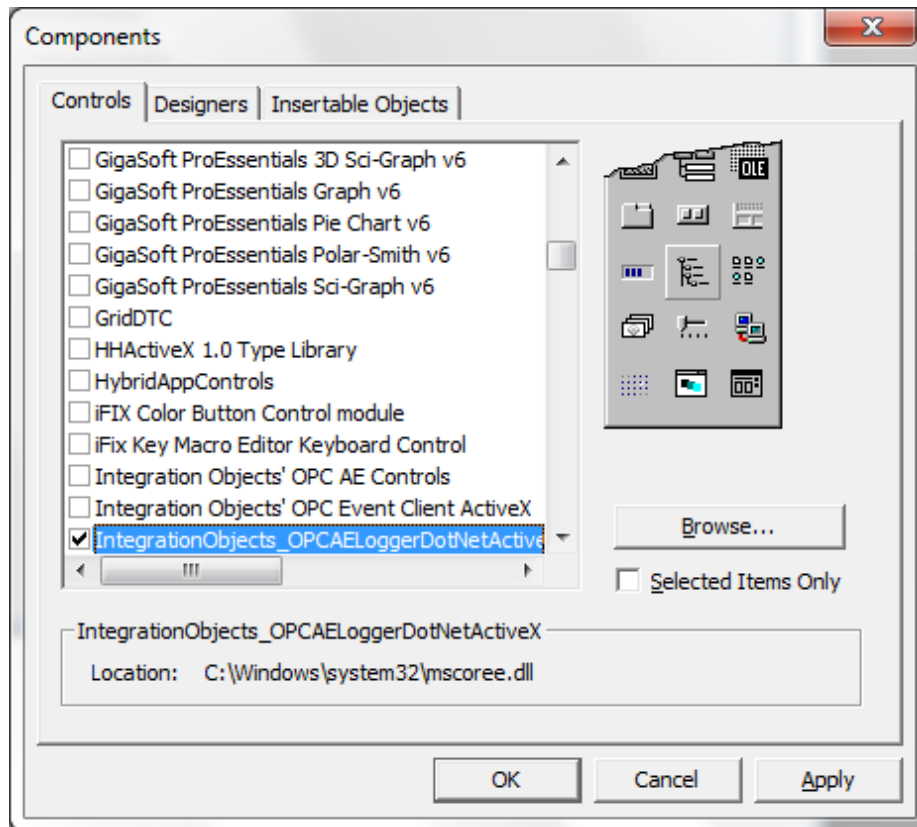
Step3: Add the OPC AE Net Logger Component to the Toolbar

- Select the *Project* menu item and click on *Components*



**Figure 6: Select Project Components**

2. Check the IntegrationObject\_OPCAELoggerDotNetActiveX component then click on the OK button



**Figure 7: Select the OPC AE Net Logger Component**

3. Select the IOCSAELoggerActiveXCtrl already added in the toolbar and draw the control in the form as shown below



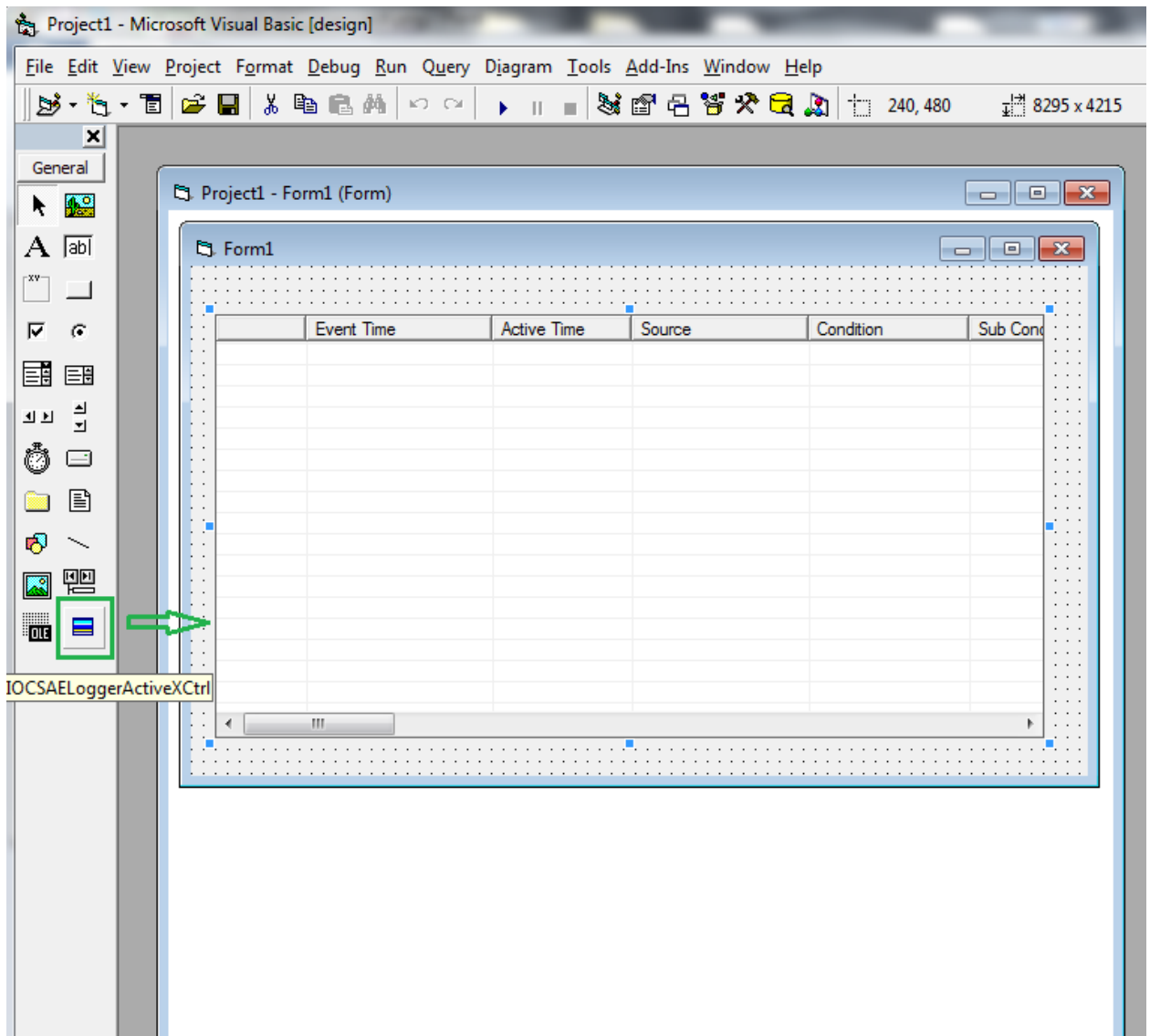


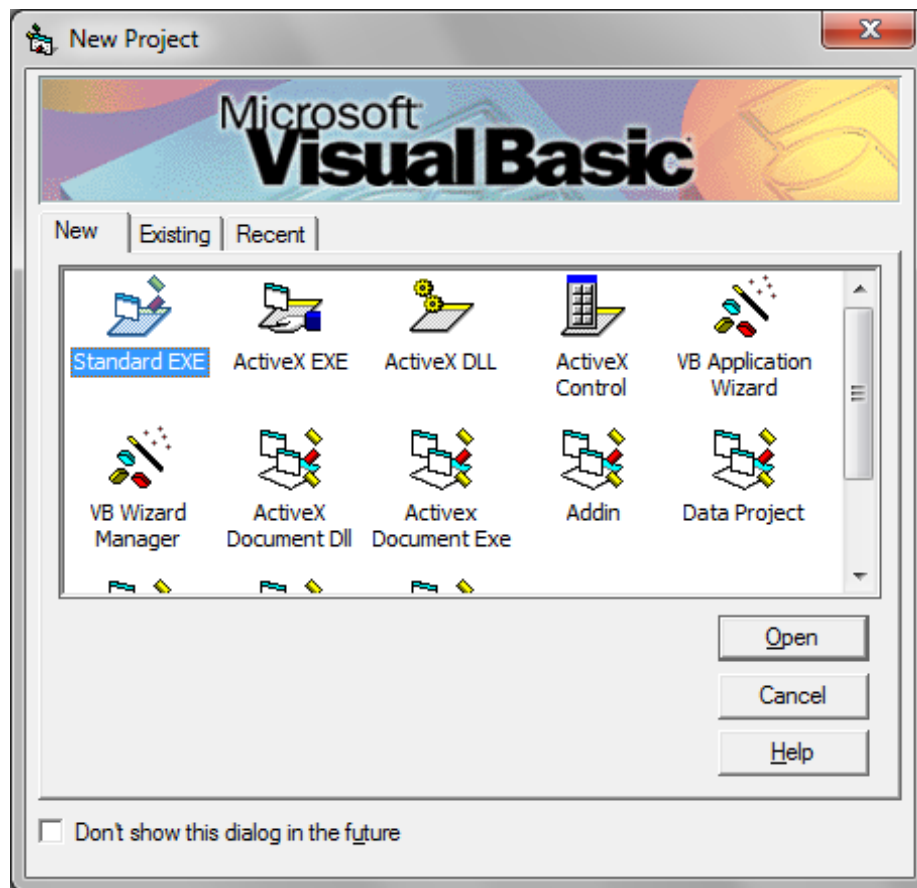
Figure 8: Add the OPC AE Logger Component to the Form

## DEPLOYING THE EVENT CLIENT .NET ACTIVEX IN MICROSOFT VISUAL BASIC 6.0

This section provides the steps on how to deploy the .Net Event Client ActiveX in the Visual Basic 6.0.

### Step1: Create a Standard EXE

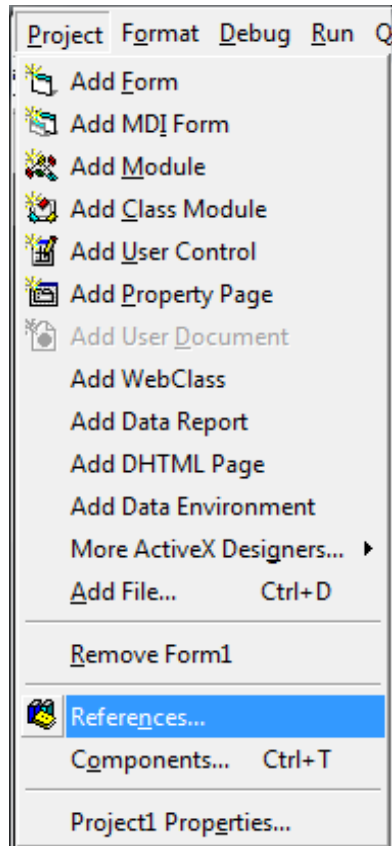
Run the Microsoft Visual Basic 6.0 and select a Standard EXE to create a new project as shown below.



**Figure 9: Create a VB6 Standard EXE**

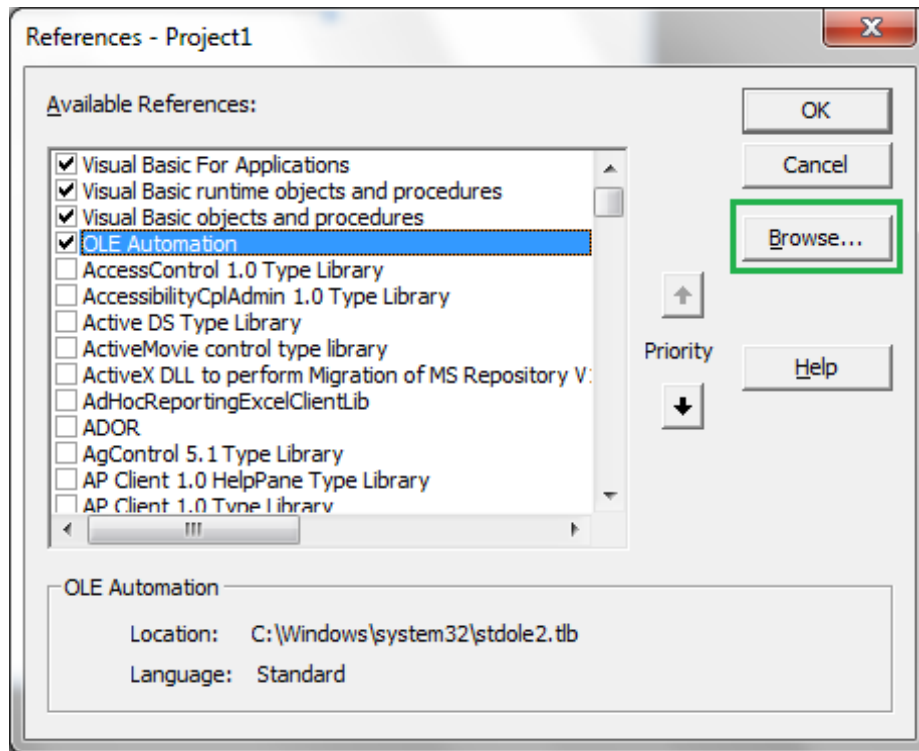
Step2: Add the OPC Event Client .Net reference

1. Select the *Project* menu item and click on *References*



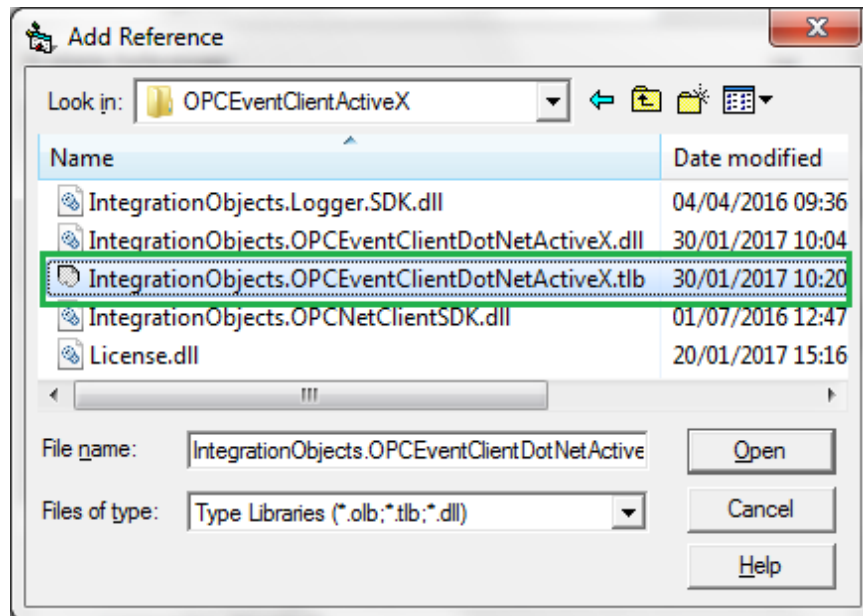
**Figure 10: Select Project Reference**

2. Click on the Browse button and select the OPC Event Client tlb file path (.\Program Files (x86)\Integration Objects\Integration Objects' OPC AE ActiveX\Bin\DotNet\OPCEventClientActiveX)



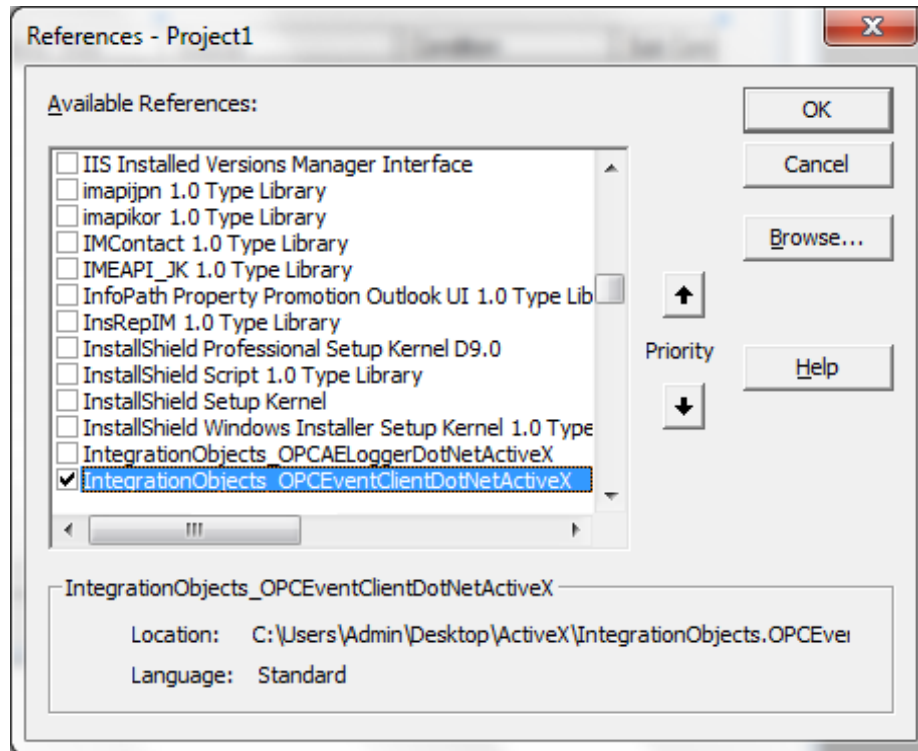
**Figure 11: Browse the OPC AE Net Logger Path**

3. Select the “IntegrationObjects.OPCEventClientDotNetActiveX.tlb” and click on the *Open* button.



**Figure 12: Select the Type Library (.tlb) File**

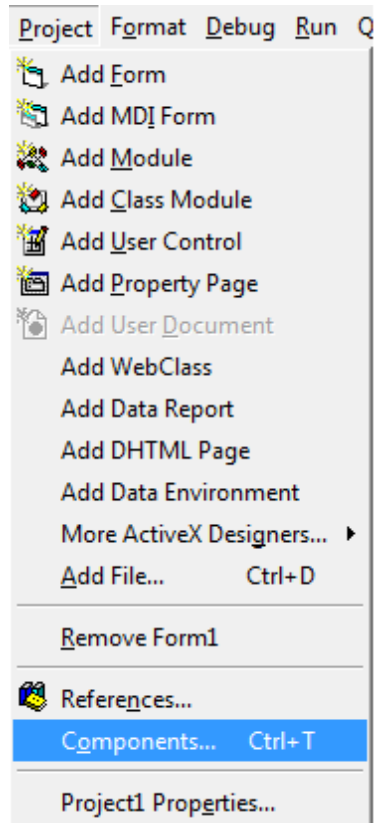
- Once the IntegrationObject\_OPCEventClientDotNetActiveX reference is checked, click on OK



**Figure 13: Check the OPC Event Client Net ActiveX Reference**

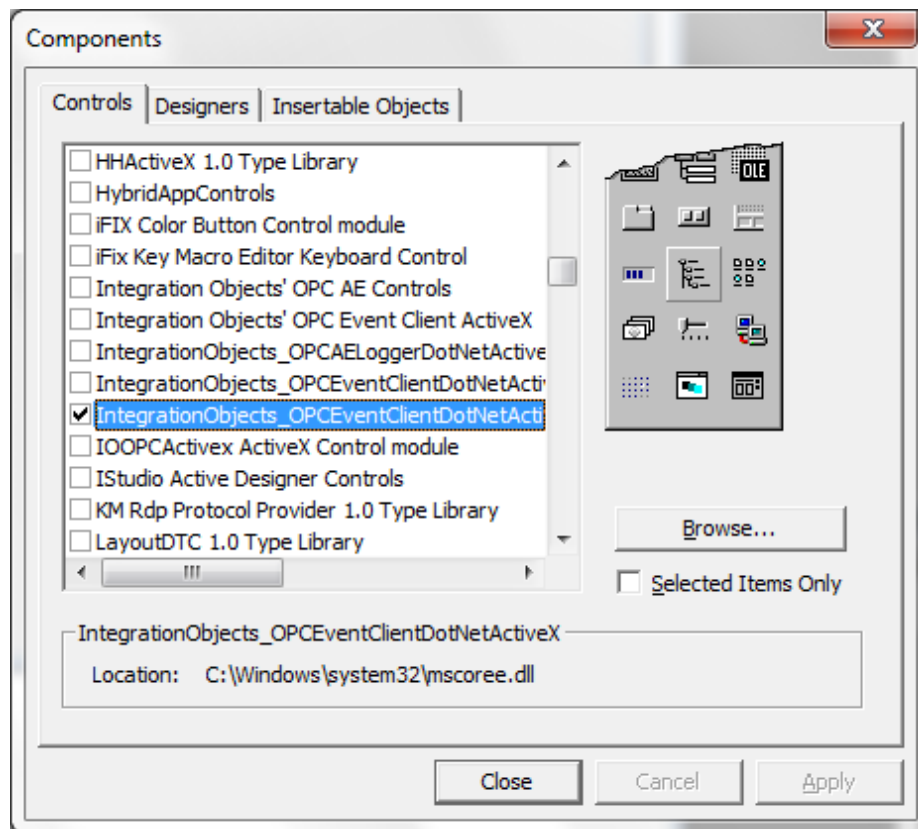
Step3: Add the OPC Event Client Net ActiveX Component to the Toolbar

- Select the *Project* menu item and click on *Components*



**Figure 14: Select Project Components**

6. Check the IntegrationObject\_OPCEventClientDotNetActiveX component then click on the OK button



**Figure 15: Select the OPC Event Net ActiveX Component**

7. Select the IOEventClientDotNetCtrl already added in the toolbar and draw the control in the form as shown below

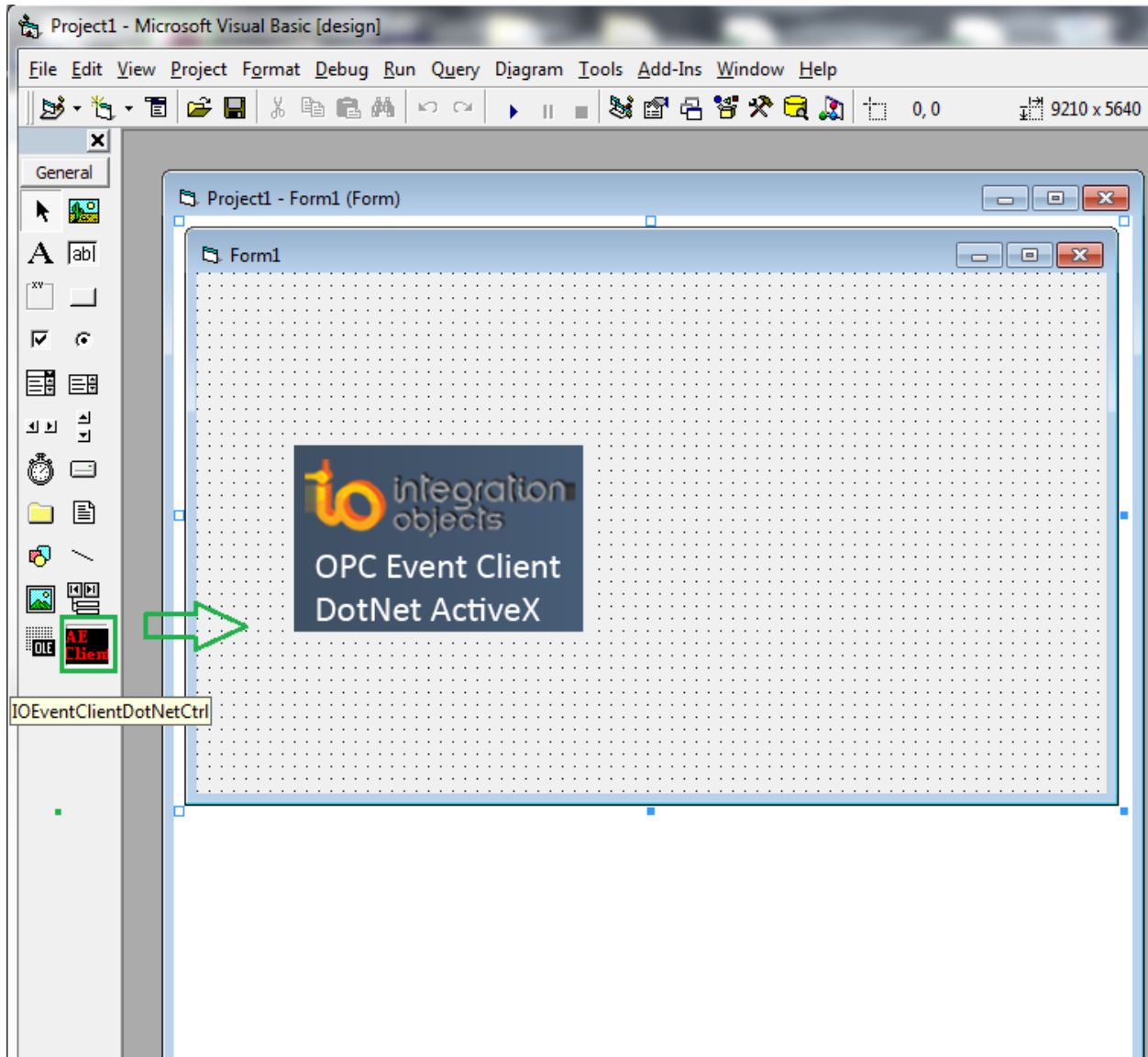


Figure 16: Add the OPC Event Client Net ActiveX Component to the Form



For additional information on this guide, questions or problems to report, please contact:

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