- 1. Open Microsoft Visual Studio .Net 2003.
- 2. Select Visual C++ Projects, MFC Application, type your project's name and then click "OK"

Iew Project				>
Project Types:	<u>T</u> emplates:		00	8-8- 8-8- 8-8-
<ul> <li>♥isual Basic Projects</li> <li>♥isual C# Projects</li> <li>♥isual J# Projects</li> <li>♥isual C++ Projects</li> <li>Setup and Deployment Projects</li> <li>● ● Other Projects</li> <li>♥ isual Studio Solutions</li> </ul>	Custom Wizard Makefile Project	Empty Project (.NET) FC MFC ActiveX Control	Extended Stored Proc	
An application that uses the Microsoft Foundation C	lass Library.			ĺ
Name: TMC12VCNet3				
Location: C:\DAQPro\Tmc12_test		•	<u>B</u> rowse	
Project will be created at C:\DAQPro\Tmc12_test\TM	fC12VCNet3.			
¥ More	OK	Cancel	Help	

# 3. In the Application Type page, select "Dialog based" and click "Finish".

MFC Application Wizard - TMC12	WCNet3	×
Application Type Specify Document/View archit application.	ecture support, language, and interface st	yle options for your
Overview Application Type	Application type: C Single document	Project style: C Windows Explorer MEC standard
Compound Document Suppo Document Template Strings Database Support	rt Dialog based C Multiple top-level documents Document/giew architecture support	Use of MFC: © Use MFC in a shared DLL © Use MFC in a static library ort:
User Interface Features Advanced Features Generated Classes	Resource language: 「中文 (台湾)	
		Finish Cancel Help

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- 4. Mouse right click and select "Insert ActiveX Control".

### 5.Select TMC12X Control and click "OK".



6. Mouse right click and select "Add Variable".



7. Check "**Control variable**", select the "**IDC\_TMC12XCTRL1**" Control ID, enter a variable name for this control object, and then click "**Finish**".

Add Member Variable Wizard - TMC12V Welcome to the Add Member This wizard adds a member variable	CNet3 r Variable Wizard to your class, struct, or union.		
Access:	Control variable		
	Control Valiable	(Taba 2000)	
Variable type:		Category:	
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Comment (// notation not required):	tmc12xctrl1.h	tmc12xctrl1.cpp	
		Finish Cancel I	Help

# 8.You can look CTmc12xctrl1 contained many members in Class View

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13		× +
Toolbox	<pre>// Machine generated IDispatch wrapper class(es) created by Microsoft Visual C++ // MOTE: Do not modify the contents of this file. If this class is regenerated by // Microsoft Visual C++, your modifications will be overwritten. #include "twol2xotrl1.h" #include "twol2xotrl1.h" /// CTmcl2xctrl1 IMPLEMENT_DYNCREATE(CTmcl2xotrl1, CWmd)</pre>	Control C
	// CTmcl2xctrll properties //// CTmcl2xctrll operations	GetConfgAddresSpace(short nArderNum)     GetDIIVerion(void)     GetDIIVerion(void)     ConfgAddresSpace(short nArderNum)     GetDIIVerion(void)     Forperties     A × CTmc12xxttll VCCodeClass     Signature     Signature     ConfgAddresSpace(short nArderNum)     ConfgAddresSpace(short nArderN
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9.Move mouse to TMC12 ActiveX control and mouse right click, select "Add Event Handle"



### 10.Select CTMC12VCNet3Dlg then click "Add and Edit"

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	Event Handler Wizard - TMC12VCNet3	IDD_ABOUTBOX
	Welcome to the Event Handler Wizard	pn
	This wizard adds a menu or accelerator command handler or dialog control event handler to the class of your choice.	ring Table rision
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	IDC_TMC12XCTRL1	
	Message type: Class list: OpError	
	CTMC22VCR63Dlg	
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	Function handler name:	
	OnErrorTmc12xctrl1	TPI 1 (Active X Control) TMC12X -
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### 11.Insert **Botton1** on the dialog.

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#### 12. Insert code in the **OnBnClickedButton1** function.

#### Example code:

```
short TotalBoard=0;
short J;
TotalBoard=TMC12Con.DriverInit();
if (TotalBoard==0) return;
TMC12Con.SetActiveBoard(0);
TMC12Con.DigitalOut(0x0f);
J=TMC12Con.DigitalIn();
if (J!=0x0f)
{
    MessageBox("Output Error",NULL,MB_OK);
}
else
{
    MessageBox("Output Right",NULL,MB_OK);
}
```

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int wBaseAddress,inVal2;		
short J;		
TotalBoard=TMC12Con.BriverInit();		
if (lotalBoard==U) return; TMC12Con.SetActiveBoard(0) ;		
TMC12Con.DigitalOut(OxOf); I=TMC12Con.DigitalOut();		
if (J!=0x0f)		
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'TMC12VCNet3.exe': Loaded 'C:\WINNT\system32\MFC71CHT.DLL', No symbols loaded.	IsInjected	False
'TMC12VCNet3.exe': Loaded 'C:\WINNT\system32\indicdll.dll', Cannot find or open a required DBG file. 'TMC12VCNet3.exe': Loaded 'C:\WINNT\system32\clbcatg.dll', Cannot find or open a required DBG file.	IsManaged	False
'TMC12VCNet3.exe': Loaded 'C:\WINNT\system32\drivers\TMC12X.ocx', No symbols loaded.	IsSealed	False
'TMC12VCNet3.exe': Loaded 'C:\WINNI\system32\Imc12_X.dll', No symbols loaded. 'TMC12VCNet3.exe': Loaded 'C:\WINNI\system32\mfc42.dll', No symbols loaded.	(Mama)	R.1
'TMC12VCNet3.exe': Loaded 'C:\WINNT\system32\mfc42loc.dll', No symbols loaded. 'TMC12VCNet3.exe': Unloaded 'C:\WINNT\system32\drivers\TMC12V.occ'	Sets/returns the name of the ob	riect.
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# 13.Click the "**Debug / Start**" menu item.

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	Step Over	F10					IDD_TMC12VCN	ET3_DIALOG	
int wBaseAddress, inVa	New Breakpoint	Ctrl+B				j 🗄 🗖	String Table		
short J;	<u>Clear All Breakpoints</u> Ctr	l+Shift+F9				±	Version		
TotalBoard=TMC12Con.Driv if (TotalBoard==0) retur	erraru() ,		1						
TMC12Con.SetActiveBoard(	0) <u>;</u>								
J=TMC12Con.DigitalOut(UxOf J=TMC12Con.DigitalIn();	);								
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{ MessageBox("Dutput R	ight" NHL MB OK):					🗐 Resource	Vie 😡 Solution Ex	pl 🛃 Class	View
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Click here to add a new task						FullName	CTMC1	2VCNet3Dlg	
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14.Click "Yes".

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