Software

Development of Measurement/Control Systems Made Easy by Active X Components.

Active X Component Package for measurement system development
(Development software requires Japanese environment.) NEW

| WINDOWS Vista | WINDOWS XP | WINDOWS Server 2003 | WINDOWS 2000 | WINDOWS NT | WINDOWS Me | WINDOWS 98/95 | CD-ROM |

Compliant with more than 200 types of our measurement control interface boards (cards), this software component package specialized for measurement contains a wide variety of ActiveX components including those for display (graphs, sliders, etc.), analysis and operation (FFT, filters, etc.) and file operation (data saving and reading). It achieves efficient and short-term development of application programs by allowing you to paste software components and describe the association in script. Furthermore, as the product contains actual samples (application programs) such as data logger and wave analysis tools, you can start PC measurement right away without the need for program development. Actual samples come with source codes (Visual Basic) to enable customization on the users side.

New Features
ACX-PAC(W32) Ver.5.0 supports:
● PCI / PCI Express Motion Controllers
● Bus master transfer of Digital I/O and Analog I/O boards
● New Timing chart display component
● Transparent background for display components
● Latest CONTEC interface boards and USB terminals

ACX-PAC Series is the optimum software for those who wish to develop measurement/control systems on Visual Basic and Excel. Windows Vista/XP/Server2003/2000/NT/Me/98/-based application programs can be created easily without the need for developing complicated programs.

Data scope sample

Display sample

Product Requirements:

●**PC**
・IBM PC/AT-compatible, DOS/V

●**OS (Japanese Font is required for development system)**
・Microsoft Windows Vista
・Microsoft Windows XP
・Microsoft Windows Server 2003
・Microsoft Windows 2000 Professional
・Microsoft Windows NT Ver.4.0 (SP3 or above) + IE4.01 or above
・Microsoft Windows Me
・Microsoft Windows 98
・Microsoft Windows 95 (SP1 or above) + IE4.01 or above
  Please check our homepage for further details.

●**Others**
・Pentium100MHz or above is recommended for CPU.
・Environment in which programming languages (containers) can operate normally

●**Compliant Development Environment**
・Microsoft Visual Basic 2005
・Microsoft Visual Basic .NET 2003, 2002
・Microsoft Visual Basic Ver.6.0, 5.0
・Microsoft Visual C++ 2005
・Microsoft Visual C++ .NET 2003, 2002
・Microsoft Visual C# 2005
・Microsoft Visual C# .NET 2003, 2002
・Microsoft Visual C++ Ver.6.0, 5.0
・Microsoft Excel 2003(VBA 6.4), 2002(VBA 6.3),2000(VBA 6.0),97(VBA 5.0)
・Borland Delphi Ver.7 Ver.5, Ver.4
・National Instruments LabVIEW 8.20, 8, 7.1, 7.0, 6.1, 6i

Note: As for *1 to *4, please check Product Requirements on Page-05.

Creating Displays for Measurement/Control Systems:
You can create displays such as the one shown above simply by pasting components onto the form. The following chart shows the advantages of using ActiveX Components over the conventional programming method.

Development through programming

The common development process begins with a screen page designing by a designer, followed by a prototype making by a programmer and the evaluation of user interface. In this method, screen page designing in the first stage is required to be at a level of perfection as changing design becomes more and more difficult as the development process moves forward.

Preparing a design plan

Creating a prototype
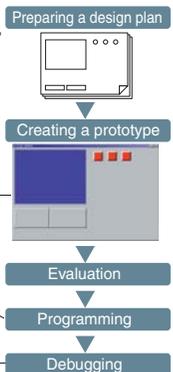
Going back to the design plan for modification takes time.

Modification will be even more difficult once the programming is started.

Evaluation

Programming

GUI must also be debugged.

Debugging

Development using ActiveX Component Package

By using ActiveX Component Package, a designer can actually paste the control to create a screen page. It is also easy to adjust the operability. Development time can be reduced substantially as modifying a screen page does not require any programming or outsourcing.

Preparing a design plan

With ActiveX Component, you do not need to program for displaying. Easy to engineering and prototyping

Interface can be modified easily even after programming is started.

Evaluation

Programming

GUI need not be debugged

Debugging