



VisiconX*

Integrating Information Across the Enterprise

Unlock Your Vital Manufacturing Information

Like most companies today, you're collecting massive amounts of data and storing it away in remote databases. Accessing this data and converting it into valuable information can take hours of database development and programming. GE Fanuc offers a powerful business tool that allows you to unlock that stored data and turn it into information that will be valuable to everyone in your organization. VisiconX is an add-on component for the Proficy family of industrial automation software solutions that makes database connectivity a snap.

VisiconX is an enterprise-wide analytical tool that enables you to easily obtain and group data from any relational database in the operation. You can bring information together from disparate systems in minutes versus hours, without writing code. Plus, you can view the data in a variety of easy to understand formats. Best of all, you save significant time, effort and money.

The Power of GE Fanuc's Open Architecture

VisiconX is an open "Plug and Solve" framework designed on industry standards. VisiconX has extensive user flexibility for gathering data, and updating and editing changes to the queried information. Designed originally for Proficy HMI/SCADA - iFIX*, and is now also available for Proficy HMI/SCADA - CIMPLICITY* made possible by the open and layered architecture of both products.

Sharing Information Across the Enterprise

With VisiconX, everyone in your organization - from plant floor to top floor - can instantly access and view the information they need to make faster, more effective decisions that can bring bottom line results. For instance:

- CEO's can obtain vital plant information for business analysis and planning.
- Chief Information Officers and IT managers can use this data to make simultaneous queries and to better manage plant data integration.
- Plant floor managers can conduct custom queries for the evaluation of plant operations.
- Process engineers can deliver faster database query development.

ActiveX® and OLE DB

VisiconX is a set of ActiveX Controls that harness the power of the Microsoft® technology called ADO, or ActiveX Data Objects, and Object Linking and Embedding for Databases (OLE DB). ADO is a standard interface that provides consistent, high-performance access to data, regardless of its location. OLE DB is a set of ActiveX interfaces that provides software applications with uniform access to data stored in disparate databases. Together, this technology gives VisiconX the power to access information residing in virtually any relational database, and display it in a variety of formats in iFIX or CIMPLICITY.

Access to Any Relational Database

VisiconX controls can access data from a variety of databases, including Microsoft's SQL Server and Oracle®. Configuration of database access is quick and easy using the configuration dialog.

Features of VisiconX

- Enables fast, easy access to remote database information
- Reduces development time with query wizards
- Displays data in a variety of easy-to-understand formats
- Features simple point-and-click configuration
- Enables changes and updates to queried information
- Integrates with Windows® Domain security or database security system
- Requires no programming, VBA scripting, or knowledge of SQL
- Supports the ability to update, insert, and delete records in association with stored procedures
- Enhances and extends the functionality of the iFIX Workspace or CIMPLICITY CIMEEdit
- Performs multiple ad-hoc queries in run-mode using SQL Wizard
- Display timestamps with millisecond resolution in the grid control



VisiconX – ActiveX® Controls for Proficy HMI/SCADA Software

VisiconX is a set of ActiveX Controls that enable you to quickly access data residing in any relational database, with no programming or scripting required. With simple point-and-click ease, you can view vital manufacturing and business information instantly in the iFIX and CIMPLICITY visualization environment. With the aide of a variety of display boxes shown below, you can create custom display screens and perform complex queries on any type of data.

Point and Click Ease

Accessing your relational database information is easy. You simply:

1. Select your OLE/DB provider, such as SQL Server.
2. Choose your database.
3. Select the information you want: a table, a stored procedure, or a SQL statement.

Access Any Data Source

VisiconX gives you the power to access data from popular OLE DB providers, including SQL Server, Oracle, ODBC Drivers, and others.

Access Any Data Source

VisiconX gives you the power to access data from any OLE DB provider, including SQL Server, SyBase, Oracle, Informix, DB2, and others.

Turning Data into Information

VisiconX enables you to present your relational database data in a variety of formats including a grid control, list box, and combo box, for fast, easy viewing of information.

With VisiconX, you can extend the power, flexibility and functionality of the iFIX WorkSpace and CIMPLICITY Workbench, and deploy more powerful automation solutions.

ID	Name	Syntax	MultiValued	VendorID	VendorType
-90	MS-MPPE-Encryption-Types	2	<input type="checkbox"/>	311	
-89	MS-MPPE-Encryption-Policy	2	<input type="checkbox"/>	311	
-88	MS-BAP-Usage	2	<input type="checkbox"/>	311	1
-87	MS-Link-Drop-Time-Limit	2	<input type="checkbox"/>	311	1
-86	MS-Link-Utilization-Threshold	2	<input type="checkbox"/>	311	1
1	User-Name	6	<input type="checkbox"/>		
2	User-Password	6	<input type="checkbox"/>		
3	CHAP-Password	6	<input type="checkbox"/>		
4	NAS-IP-Address	4	<input type="checkbox"/>		
5	NAS-Port	2	<input type="checkbox"/>		
6	Service-Type	3	<input type="checkbox"/>		
7	Framed-Protocol	3	<input type="checkbox"/>		

Run SQL Wizard

11013	USR-Chassis-Temperature	2	<input checked="" type="checkbox"/>	429	48945
11014	USR-Chassis-Temp-Threshold	2	<input checked="" type="checkbox"/>	429	48772
11015	USR-Actual-Voltage	2	<input checked="" type="checkbox"/>	429	48946
11016	USR-Expected-Voltage	2	<input checked="" type="checkbox"/>	429	48947
11017	USR-Power-Supply-Number	2	<input checked="" type="checkbox"/>	429	48948
11018	USR-Card-Type	3	<input checked="" type="checkbox"/>	429	48773
11019	USR-Chassis-Slot	2	<input checked="" type="checkbox"/>	429	48953
11020	USR-Sync-Async-Mode	3	<input checked="" type="checkbox"/>	429	103
11021	USR-Originate-Answer-Mode	3	<input checked="" type="checkbox"/>	429	104
11022	USR-Modulation-Type	3	<input checked="" type="checkbox"/>	429	108
11023	USR-Initial-Modulation-Type	3	<input checked="" type="checkbox"/>	429	2339

GE Fanuc Automation Information Centers

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800 1 GE FANUC or 800 1 4332682
or 1 780 401 7717

Europe, Middle East and Africa (CNC):
352 727979 11

Additional Resources

For more information, please visit
the GE Fanuc web site at:

www.gefanuc.com

