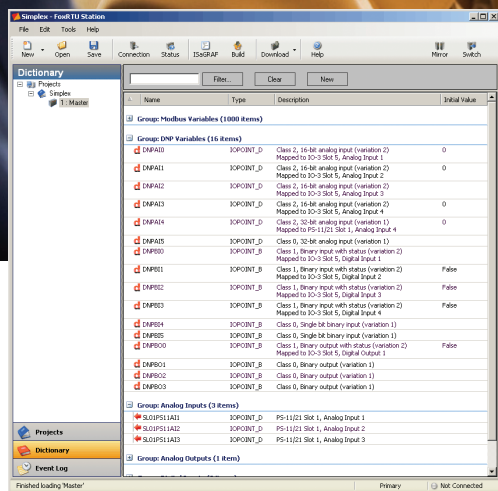
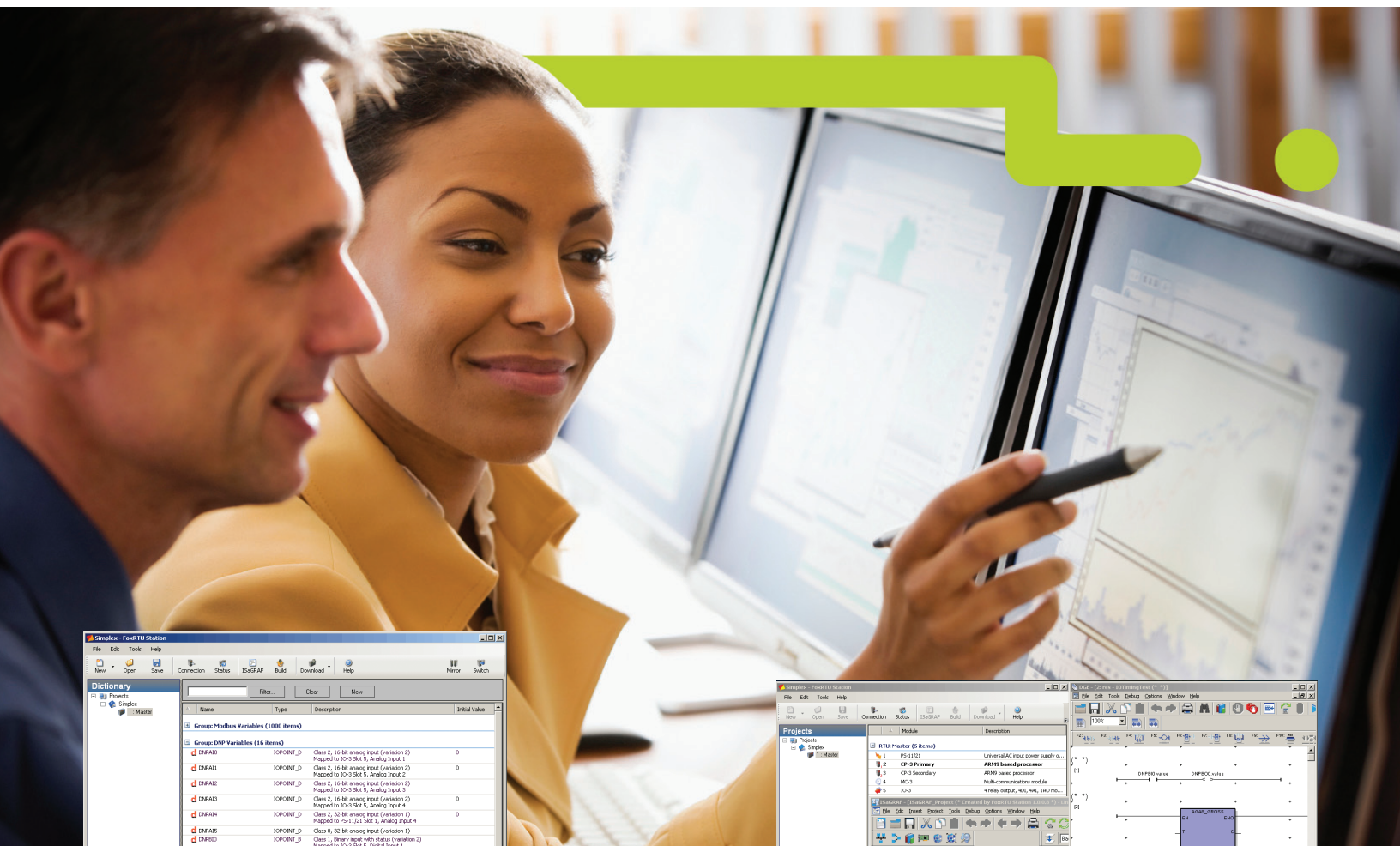


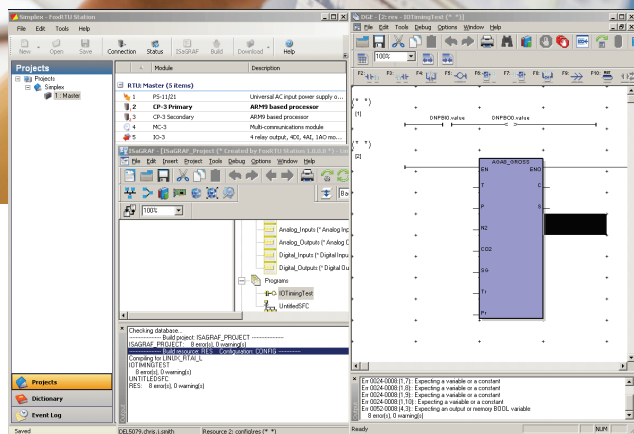
FoxRTU Station

FoxRTU Station is designed to increase applications engineering productivity.



Informative dialog boxes allow users to quickly view conditions at a glance.

Users can quickly become familiar with the Outlook-style displays FoxRTU Station provides for advanced configuration and diagnostics.



The FoxRTU Station is the configuration and programming environment for the SCD2100 compact RTU and SCD2200 RTU systems that use the CP-3, 32-bit Processor Module.

Incorporating the full suite of five IEC 61131-3 languages, the FoxRTU Station is the first RTU software environment to support IASGRAF 5 with IEC-61499, the distributed processing and interoperability extension to IEC 61131-3.

With a fully integrated FoxRTU Station, users can view, edit, program, and diagnose their systems without switching between cumbersome software packages.

An enhanced, Microsoft Outlook®-style graphical user interface (GUI) makes FoxRTU Station intuitive and simple to learn. Intelligent, default settings for programming and communications as well as a large array of pre-programmed function blocks greatly simplify the addition of new capabilities for SCD2100 and SCD2200 RTU solutions.

FoxRTU Station

Programming and Configuration Software

FoxRTU Station is a fully integrated software environment that allows users to configure, program, operate and maintain a SCD2100 or SCD2200 RTU system. FoxRTU Station features an intuitive, graphical user interface (GUI), embedded IEC 61131-3 and 61499-compliant environment and a library of functions and function blocks.

Enhanced GUI

Designed to maximize productivity, the FoxRTU Station incorporates a Microsoft Outlook-style interface that will be familiar to Microsoft Windows® users. Intuitive, drag & drop actions and easy-to-understand graphical representations simplify even the most complex application programs.

Embedded ISaGRAF IEC 61131-3

FoxRTU Station fully embeds the ISaGRAF 5 control software environment and supports all five, IEC 61131-3 standard control program languages as well as Flow Chart. The following are standard control program languages:

- ST - Structured Text
- LD - Ladder Logic
- FBD - Function Block Diagram
- IL - Instruction List
- SFC - Sequential Function Chart
- FC - Flow Chart

Applications programmers can use any or all languages, as needs dictate. In addition, common capabilities across languages can significantly increase capabilities and productivity. For example, functions and function blocks are available for multiple languages. Users can also mix LD and FBD programming in the same chart.

IEC 61499

IEC 61499 presents guidelines for the use of function blocks to control and manage distributed industrial process, measurement and control systems. The IEC 61499 standard provides a number of significant benefits to distributed applications including:

- The regulation of the flow of control decisions for an interacting distributed control system
- Providing for the consistency of data
- Providing a means to ensure synchronous operation between devices
- Eliminating the need to have separate synchronization schemes
- Easing the development and maintenance of robust control systems

IEC 61499 also has the ability to encapsulate automation functionality such that machine builders can create IEC 61499 function blocks for different components of the machine and assemble them only to achieve the desired operation. The IEC 61499 provides the benefits of object-oriented programming in an environment accessible to automation engineers.

FoxRTU Station Library

In addition to the IEC 61131-3 library of standard functions and function blocks, FoxRTU Station includes a specific library that includes algorithms, calculations, functions and function blocks that have been proven over thousands of applications.

Computer Requirements

Supported operating systems

Windows 2000®, Windows XP®, Windows Vista®

Minimum computer specifications

- PC with 300 megahertz (MHz) or higher processor clock speed recommended; 233-MHz minimum required
- 128 megabytes (MB) of RAM or higher recommended
- 1.5 gigabyte (GB) of available hard disk space
- Super VGA (800 × 600) or higher resolution video adapter and monitor
- CD-ROM or DVD drive
- Keyboard and mouse or compatible pointing device
- USB port for hardware protection dongle
- 10/100 Ethernet port

Software Protection

Hardware dongle provided; requires USB port



*FoxRTU Station
is compatible with the
SCD2100 and SCD2200
models that use the CP-3
processor module.*

i n v e n s y s[™]

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