



Modern Automation Solutions

what's new

ISaGRAF 5.0 Captures the Imagination of the Automation World

ISaGRAF
5.0

IEC 61131
& 61499

Following the recent pre-beta announcement, the excitement surrounding ISaGRAF 5.0 is unprecedented as ICS Triplex ISaGRAF introduces the groundbreaking technology to select partners.

partner
integration

new
features

ISaGRAF 5.0 is the world's first commercially available IEC 61499 automation software.

Developed by the International Electrotechnical Commission (IEC), IEC 61499 presents guidelines for the use of function blocks in distributed industrial process, measurement and control systems.

ISaGRAF 5.0 offers unparalleled functionality and benefits by incorporating both the IEC 61131-3 and IEC 61499 standards. With ISaGRAF 5.0, users have the ability to build traditional control systems where the interactions between devices are automatically regulated and synchronized by the IEC 61499 function block diagrams rather than through the use of manually implemented algorithms.

In addition, ISaGRAF 5.0 brings exciting new features such as XML import/export, automatic network distribution between resources, a library of function blocks, an enhanced SFC editor, updated version source control and much more.

For more information regarding ISaGRAF 5.0, please contact support@icstriplex.ca

ISaGRAF 4 available for Wincon 8000 from ICP DAS

ICP DAS USA Inc., the leading manufacturer of Embedded Control and Data Acquisition, just released a new Windows CE.net controller. The Wincon 8000 runs ISaGRAF 4, which has been implemented by Centris Technologies - the Global Solution Provider for ISaGRAF-based ICP DAS controllers.



The revolutionary Wincon 8000 Windows CE controller provides the integration of a PC and PLC together. It has a built-in video port, keyboard port, mouse port, USB port, Ethernet port, and 128MB Compact Flash Module. With ISaGRAF 4 riding on top of this robust hardware and Windows CE environment, PLC and PC-oriented users get a truly standard IEC 61131 intelligent controller. And there is more!

Full IEC 61131-3 compliance - Avoid the dreaded "C" approach that locks you in with whomever programmed the system, or the need to maintain a multitude of "C" programs. The ISaGRAF 4 equipped Wincon offers all the familiar automation PLC languages such as LADDER, STRUCTURED TEXT, FLOW CHART, FUNCTION BLOCKS and SFC.

In fact, the Wincon with ISaGRAF offers you much more than a typical PLC. It is a much more flexible and scalable solution. It is ready for the wide range of uses you may need. For example:

Completely distributed architecture - The ISaGRAF 4 engine allows a complex, multi-process application to be distributed over multiple Wincons. WinCE real-time data is transparently shared between Wincons using ISaGRAF's native communication layer. Complex applications can therefore be broken down into smaller pieces

featured partner

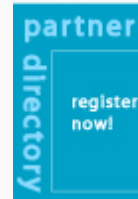


Nissin Systems is an ISaGRAF Master Distributor based in Japan. The company has a great deal of expertise in the embedded market and provides technical support and assistance with customers' software development.

Contact Nissin:
info@co-nss.co.jp

community

ICS Triplex ISaGRAF Launches Online Partner Reference Directory



Those organizations who distribute ISaGRAF, develop solutions based on ISaGRAF or who use ISaGRAF to offer value-added services such as integration, training, technical services and support, can register to be featured in a searchable partners directory on www.isagraf.com.

Benefits of registering:

- let us learn more about your organization's capabilities and core competencies;
- help us direct end-user opportunities to your organization;
- ensure your organization's visibility and promotion within the ISaGRAF website.

[register now](#)

and automated separately, while remaining within one project management environment.

For more detailed information, please visit ICP DAS USA, Inc. at <http://www.icpdas-usa.com> and Centris at http://www.centristech.com/en/products/i4wincon_e.htm

ICS Triplex ISaGRAF Integrates applicomIO® Fieldbus Solutions



Woodhead Software & Electronics and ICS Triplex ISaGRAF are pleased to announce the joint development of an interface driver with applicomIO® communication cards for fieldbus.

The integration of ISaGRAF and applicomIO® offers a very competitive and advantageous solution for the development of embedded software on controllers to control I/Os carried on Profibus-DP, CANopen, DeviceNet, EtherNet/IP and Modbus TCP networks. The technology of the intelligent applicomIO® cards discharges the processor of the controller and allows ISaGRAF to execute the applications. This results in ideal performance when faced with strong real time constraints.

The applicomIO® cards are available in PCI, PC/104 and CompactPCI format. The ISaGRAF driver for applicomIO® accepts the deployment of target applications in Windows 32-bit environment as well as for the real time platforms RTX, VxWorks, QNX and Linux.

The ISaGRAF software tool integrates the I/O definition and the bus diagnostics accessible from the applicomIO® cards. Special ISaGRAF function blocks are available to perform the emission/reception of services dedicated to the bus. These are: Profibus SYNC command, sending of pure CAN frames, etc.

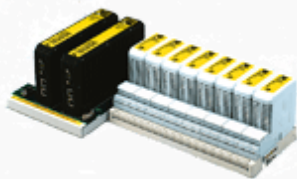
For more information, please contact sales@icstriplex.ca

ISaGRAF 4 Integrated into MOST's SIL 2 Safety Architecture

MTL Open System Technologies (MOST), a member of the MTL Instruments Group, recently released the Matrix SafetyNet, a cost effective SIL 2 safety system that runs ISaGRAF.



The comprehensive solution in compliance with IEC 61508 is ideal for safety related applications such as Process Shut Down (PSD), Emergency Shut Down (ESD) Systems and Fire and Gas (F&G) applications.



Matrix SafetyNet consists of SIL 2 rated safety logic solvers, I/O modules and a safety logic workbench. The Safety Logic Workbench tightly integrates ISaGRAF 4 and is used to develop, download, simulate, debug, monitor and edit application programs. SIL 2 control applications are developed in the Safety Logic Workbench, using one of 3 SIL approved IEC61131-3 programming languages: Ladder Diagram, Function Block Diagram and Structured Text.

Matrix SafetyNet is built on the same control platform as the Matrix Process Automation System, enabling a single platform to address both process control and shutdown needs and providing users with considerable savings.

For more information, including pricing and availability, please contact MTL MOST: info@mtlmost.com

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ICS Triplex ISaGRAF Joins OOONEIDA

ICS Triplex ISaGRAF is a proud member of OOONEIDA, an organization consisting of individuals, academic/non-profit institutions and both large and small enterprises with the aim of advancing an "open knowledge economy" for automation components, products and services.

OOONEIDA is active in the promotion of the emerging IEC 61499 standard which will bring about a number of important benefits in the implementation, development and maintenance of distributed applications.

Visit the OOONEIDA website to learn more: <http://www.ooneida.com/>

upcoming events



ICS Triplex ISaGRAF to Exhibit at Automation 2005 in Paris!

Don't miss your opportunity to see demonstrations of ISaGRAF 5.0, the world's first commercially available IEC 61499 software solution.

Visit us from September 27 - 29, 2005 at Paris Portes de Versailles.

contact us

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