# KINGSTAR 3.2 ISAGRAF PLC WORKBENCH INSTALLATION GUIDE

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## ISaGRAF PLC Workbench

ISaGRAF PLC Workbench for KINGSTAR creates Programmable Logic Controller (PLC) programs. It offers six languages for PLC programming: Sequential Function Chart, Structured Text, Ladder Diagram, Function Block Diagram, SAMA and IEC 61499 Application. It also includes a sample program for testing.

To install ISaGRAF PLC Workbench, see these sections:

- Install ISaGRAF PLC Workbench The step-by-step tutorial of how to install ISaGRAF PLC Workbench.
- Uninstall ISaGRAF PLC Workbench The step-by-step tutorial of how to uninstall ISaGRAF PLC Workbench.

### Install ISaGRAF PLC Workbench

After purchasing ISaGRAF PLC Workbench, you will receive an email confirmation that includes the activation key and a link to the ISaGRAF PLC Workbench download page. After downloading ISaGRAF PLC Workbench, complete the steps that follow to install it.

- 1. Extract the zip file of ISaGRAF PLC Workbench to a folder.
- 2. In the folder, double-click Setup.exe.

**NOTE:** You must have administrator permission to install ISaGRAF PLC Workbench. Before the installation begins, the **User Account Control** dialog box may ask if you want the installer to make changes to your computer. Click **Yes** to continue the installation.

😗 Use	r Account Control			
0	Do you want to allow the following program from an unknown publisher to make changes to this computer?			
	Program name: Publisher: File origin:	Setup.exe <b>Unknown</b> Hard drive on this computer		
💌 s	how details	Yes No		
		Change when these notifications appear		

3. In the **Installer and Product Language** dialog box, in the language list, select a language you want to use for the installation progress and Workbench's user interface. In this guide, we choose **English**.

**NOTE:** If you choose a language other than English, you need internet connection to install Microsoft Visual Studio 2013 Language Pack in the later step.

Installer an	d Product Language
	Please select a language.
	English 🔹
	OK Cancel

4. In the ISaGRAF 6.5 Setup dialog box, click Next.



5. Read the License Agreement, select **I accept the terms of the License Agreement** and click **Next**.

ISaGRAF 6.5 Setup
License Agreement Please review the license terms before installing ISaGRAF 6.5.
Press Page Down to see the rest of the agreement.
ISaGRAF and HiBeam SOFTWARE LICENSE AGREEMENT
This software and its associated documentation is protected by copyright laws and international copyright treaties and is offered to you by Rockwell Automation Canada, Ltd., 9975 Catania Avenue, Suite U, Brossard, Quebec, Canada, J4Z 3V6, (Tel. 450-445-3353), only for use in accordance with the terms and conditions of this agreement. This Software License Agreement is a legal agreement between you, either an individual or a single entity (the "Customer") and Rockwell Automation Canada. Ltd. ("Rockwell
If you accept the terms of the agreement, select the first option below. You must accept the agreement to install ISaGRAF 6.5. Click Next to continue.
<ul> <li>I accept the terms of the License Agreement</li> <li>I do not accept the terms of the License Agreement</li> </ul>
ISaGRAF 6.5 < Back Next > Cancel

6. Select the components you want to install. In this guide we use the default settings. Click **Next**.



7. Choose the location you want to install ISaGRAF PLC Workbench. You can accept the default installation path, or click **Browse** to choose a different location. When you finished, click **Install**.

ISaGRAF 6.5 Setup	
Choose Install Location Choose the folder in which to install ISaGRAF 6	.5.
Setup will install ISaGRAF 6.5 in the following fo Browse and select another folder. Click Install t	older. To install in a different folder, dick o start the installation.
Destination Folder C:\Program Files (x86)\ISaGRAF\6.5	Browse
Space required: 231.0MB Space available: 418.7GB	
ISAGRAF 6.5	< Back Install Cancel

 From this step, the installer starts to install ISaGRAF PLC Workbench and checks whether the required components are installed on your computer. If not, it will install for you. The first component it checks is OPC Core Components Redistributable. Click I Agree and click Next.



 Choose the location you want to install OPC Core Components Redistributable. You can accept the default installation path, or click **Browse** to choose a different location. You can also choose to install for everyone who uses this computer or just for yourself. When you finished, click **Next**.

B OPC Core Components Redistributable (x64) 105.0	×
Select Installation Folder	
The installer will install OPC Core Components Redistributable (x64) 105.0 To install in this folder, click "Next". To install to a different folder, enter it	I to the following folder. below or click "Browse".
Eolder: C:\Users\test\AppData\Local\OPC Foundation\Core Components 3.	Browse Disk Cost
Install OPC Core Components Redistributable (x64) 105.0 for yourself, or computer:	or for anyone who uses this
🔘 Just me	
Cancel < Ba	ck Next >

10. The installer asks you to confirm the installation. Click **Next**.



11. After the OPC installation is completed, click **Close**.

谩 OPC Core Components Redistributable (x64) 105.0	×
Installation Complete	FOUNDATION
OPC Core Components Redistributable (x64) 105.0 has been successfu Click ''Close'' to exit. Please use Windows Update to check for any critical updates to the .N	ully installed. IET Framework.
Cancel < B	ack Close

12. The installer then installs Microsoft Visual C++ 2008 Redistributable. Click **Next**.

/ Microsoft Visual C++ 2008 Redistributable Setup	
Welcome to Microsoft Visual C++ 2008 Redistributable Setup	
This wizard will guide you through the installation process.	
	Next > Cancel

13. Select the I have read and accept the license terms check box and click Install.



14. After the Microsoft Visual C++ 2008 Redistributable installation is completed, click **Finish**.



15. Next, you are prompted to install Visual Studio 2013 Isolated Shell. Click Yes.



16. Visual Studio 2013 Isolated Shell checks your Internet Explorer (IE) version. If the IE version is not 10 or higher, Visual Studio 2013 will display warnings. The old IE version doesn't affect the Workbench installation. Click **Continue**.

×	] Vi	sual	Stud	io <sup>,</sup>			×
201	3 Sh	ell (Iso	lated)				
Setup	Warnir	ngs					
Please list of c	review the	e following v ssues and w	warnings. To le orkarounds or	earn mo r examir	ore, you can i ne the <mark>log fil</mark> e	review the e.	
A	This vers Explorer compute not work	sion of Visua 10 which is er. If you cho k as expected	I Studio work currently not pose to contin d.	s best w installed ue, som	vith Internet d on your ne features m	night	
		Retry	Continue		Cancel		

 Choose the location you want to install Visual Studio 2013 Isolated Shell. You can accept the default installation path, or click ... to choose a different location. Select the I agree to the License Terms and Privacy Policy check box, and click INSTALL.



18. After the installation is completed, follow the instruction of Visual Studio 2013.

**NOTE:** If you have not installed Microsoft .NET Framework 4.5.1 on your computer, you need internet connection to install it.

**NOTE:** You need internet connection to complete the installation of Visual Studio 2013 Isolated Shell and Microsoft Visual Studio 2013 Language Pack if the language of the Workbench installation is not English. The system will install the language pack after the Visual Studio 2013 Isolated Shell is installed.

If your computer has not installed Visual Studio 2013 components before, it will require you to restart your computer. You need to restart your computer to continue the Workbench installation. Click **Restart Now** and proceed to the next step. If your computer has installed the Visual Studio 2013 components, click **Close** and the Workbench installation will continue to finish.



19. After restarting your computer, double-click the installer of ISaGRAF PLC Workbench (Setup.exe) to restart the installation. Repeat the step 2-7 and the system will install Workbench without any interruption. When the installation is completed, click **Finish**.

**NOTE:** If you want to run ISaGRAF PLC Workbench or read the release notes immediately after the installation is completed, select their check boxes.

ISaGRAF 6.5 Setup				
	Completing the ISaGRAF 6.5 Setup Wizard			
	ISaGRAF 6.5 has been installed on your computer.			
Workbench for KINGSTAR	Click Finish to dose this wizard.			
	Run ISaGRAF 6.5			
	Show Release Notes			
	< Back Finish Cancel			

## Uninstall ISaGRAF PLC Workbench

To uninstall ISaGRAF PLC Workbench:

- 1. Go to Control Panel > All Control Panel Items > Programs and Features.
- 2. In the **Uninstall or change a program** list, select **ISaGRAF 6.5** and click **Uninstall/Change**.
- 3. In the **Installer and Product Language** dialog box, in the language list, select a language you want to use in the uninstallation progress. In this guide, we choose **English**.



4. In the ISaGRAF 6.5 Uninstall dialog box, click Next.

ISaGRAF 6.5 Uninstall	
ISAGRAF PLC Workbench for KINGSTAR	Welcome to the ISaGRAF 6.5 Uninstall Wizard This wizard will guide you through the uninstallation of ISaGRAF 6.5. Before starting the uninstallation, make sure ISaGRAF 6.5 is not running. Click Next to continue.
	Next > Cancel

5. Click Uninstall.

ISaGRAF 6.5 Uninst	all	- 🗆 X		
Uninstall ISaGRAF 6.5 Remove ISaGRAF 6.5 from your computer.				
ISaGRAF 6.5 will be uninstallation.	uninstalled from the following folder. Click Uninstall to start	the		
Uninstalling from:	C:\Program Files (x86)\ISaGRAF\6.5\			
ISaGRAF 6.5	< Back Uninstall	Cancel		

6. After uninstalling ISaGRAF PLC Workbench, click **Finish**.

ISaGRAF 6.5 Uninstall	
ISAGRAF PLC Workbench for KINGSTAR	Completing the ISaGRAF 6.5 Uninstall Wizard ISaGRAF 6.5 has been uninstalled from your computer. Click Finish to close this wizard.
	< Back Finish Cancel

### Get support

KINGSTAR offers a number of support options for KINGSTAR users, including third-party, online and phone support.

#### Third-party support

If you are a customer who purchased a KINGSTAR product through a third-party reseller, contact the reseller for support.

#### Online support

The KINGSTAR Customer Support web page is located at:

#### http://kingstar.com/support/

The KINGSTAR support web pages provide electronic access to the latest product releases, documentation, and release notes. You can access the online support ticketing system to submit issues or questions.

#### Before calling technical support

Please have the following information ready before calling KINGSTAR Technical Support:

#### The version number of your RTX64 and KINGSTAR software

To obtain the RTX64 version number:

- 1. Click Start > All Programs > RTX64 3.2 Runtime > Control Panel.
- 2. In the **RTX64 3.2 Control Panel**, record **Version** shown in the **Runtime Information** area.

To obtain the KINGSTAR version number:

- 1. Click Start > All Programs > KINGSTAR > Runtime.
- 2. In Windows Explorer, click the ksm64.rtdll file, and right-click the same file again.
- 3. On the shortcut menu, click **Properties**.

4. In the **ksm64.rtdll Properties** window, click the **Details** tab, and record **Product version**.

### Phone support

For technical support related to installing and using KINGSTAR, please call technical support at this number:

+886-2-2556-8117

Hours are Monday-Friday from 9:30 to 18:30, UTC+08:00, excluding holidays.