KINGSTAR 3.1.1

ISAGRAF PLC WORKBENCH INSTALLATION GUIDE

KS-DOC-x64-0022-R1

KINGSTAR IntervalZero

Copyright © 1996-2017 by IntervalZero, Inc. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means, graphic, electronic, or mechanical, including photocopying, and recording or by any information storage or retrieval system without the prior written permission of IntervalZero, Inc. unless such copying is expressly permitted by federal copyright law.

While every effort has been made to ensure the accuracy and completeness of all information in this document, IntervalZero, Inc. assumes no liability to any party for any loss or damage caused by errors or omissions or by statements of any kind in this document, its updates, supplements, or special editions, whether such errors, omissions, or statements result from negligence, accident, or any other cause. IntervalZero, Inc. further assumes no liability arising out of the application or use of any product or system described herein; nor any liability for incidental or consequential damages arising from the use of this document. IntervalZero, Inc. disclaims all warranties regarding the information contained herein, whether expressed, implied or statutory, including implied warranties of merchantability or fitness for a particular purpose.

IntervalZero, Inc. reserves the right to make changes to this document or to the products described herein without further notice.

Microsoft, MS, and Win32 are registered trademarks and Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP, and Windows Server 2003 are trademarks of Microsoft Corporation.

All other companies and product names may be trademarks or registered trademarks of their respective holders.

ISaGRAF PLC Workbench 1
Install ISaGRAF PLC Workbench 2
Uninstall ISaGRAF PLC Workbench 14
Get support 16
Third-party support 16
Online support 16
Before calling technical support 16
The version number of your RTX64 and KINGSTAR software 16
Phone support 17

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:

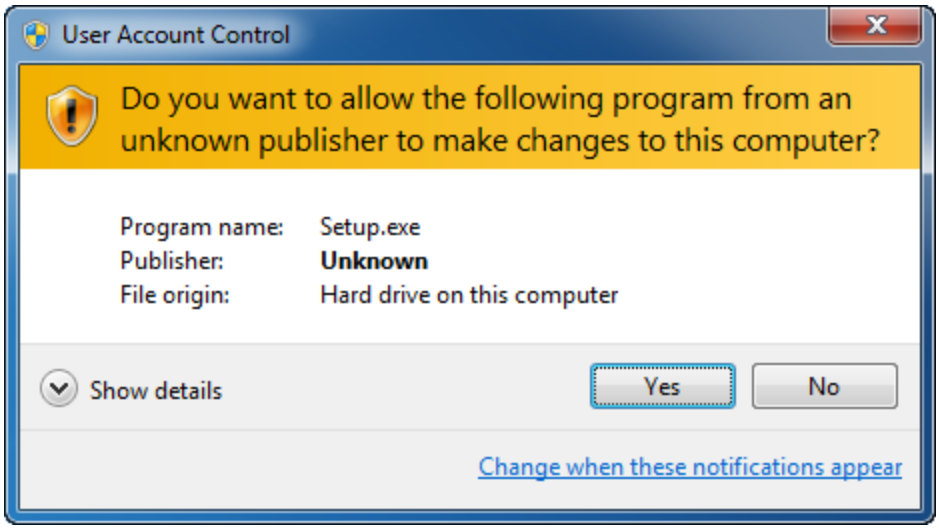
- Install ISaGRAF PLC Workbench – The step-by-step tutorial of how to install ISaGRAF PLC Workbench.
- Uninstall ISaGRAF PLC Workbench – The step-by-step tutorial of how to uninstall ISaGRAF PLC Workbench.

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.

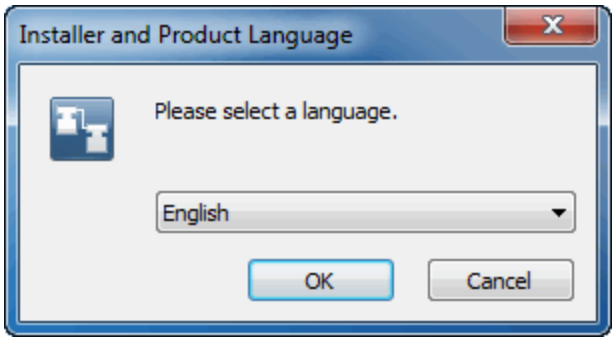
1. Extract the zip file of ISaGRAF PLC Workbench to a folder.
2. In the folder, double-click `Setup.exe`.

   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.

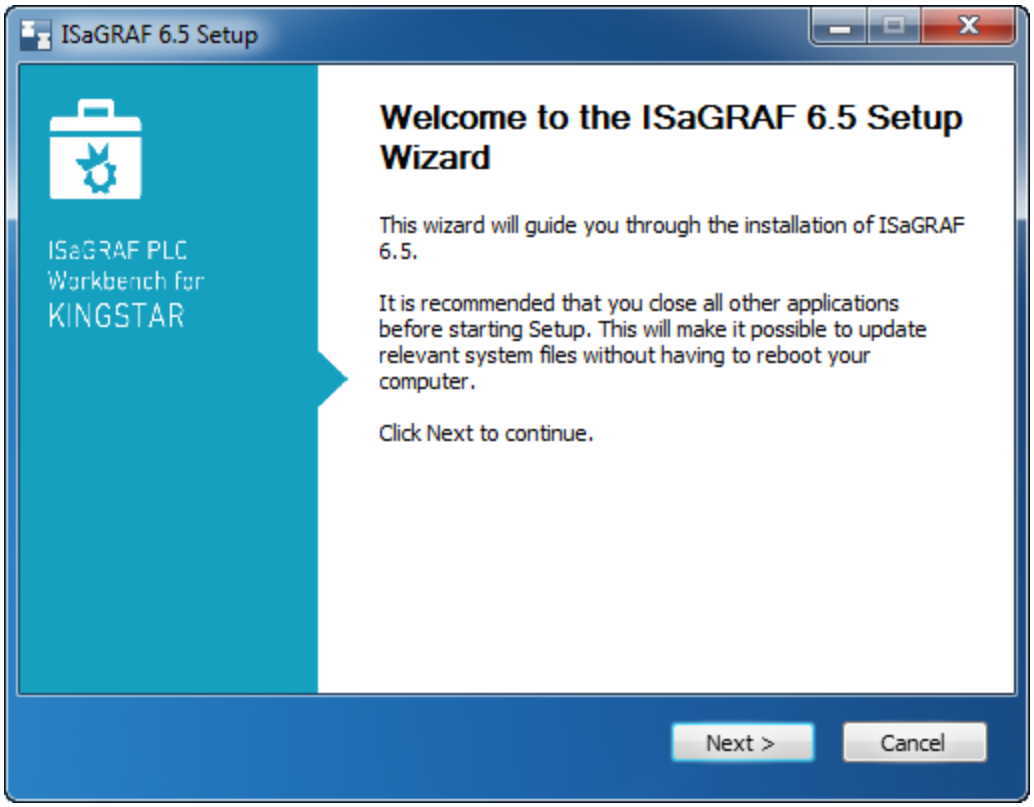


3. In the **Installer and Product Language** dialog box, in the language list, select a language you want to use for the installation progress and Workbench's user interface. In this guide, we choose **English**.

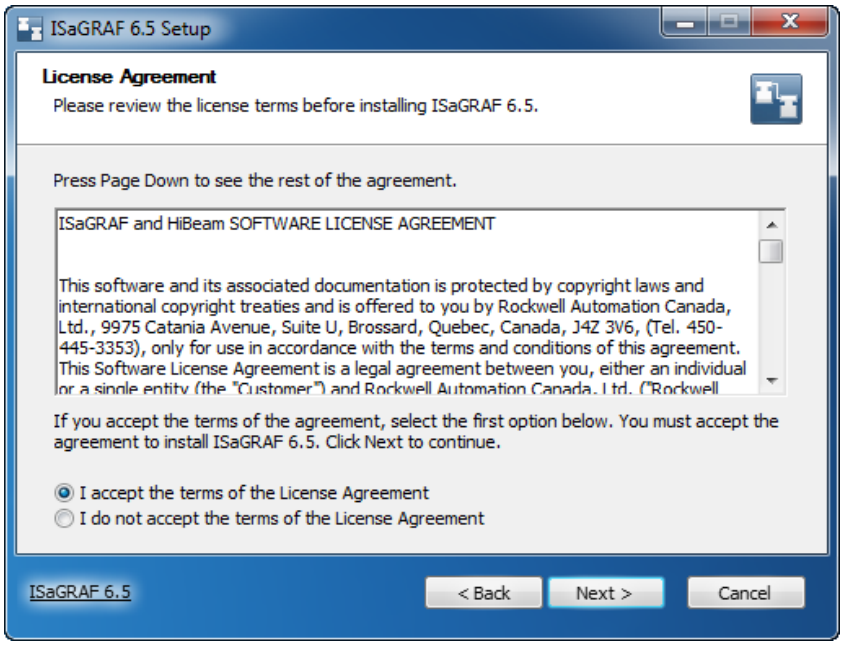
   NOTE: If you choose a language other than English, you need internet connection to install Microsoft Visual Studio 2013 Language Pack in the later step.



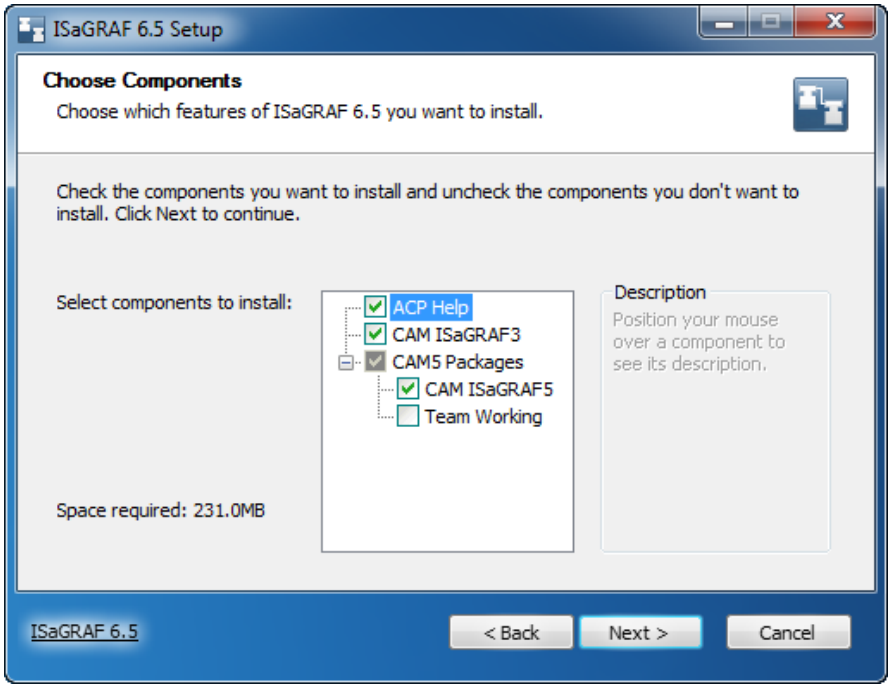
4. In the **ISaGRAF 6.5 Setup** dialog box, click **Next**.



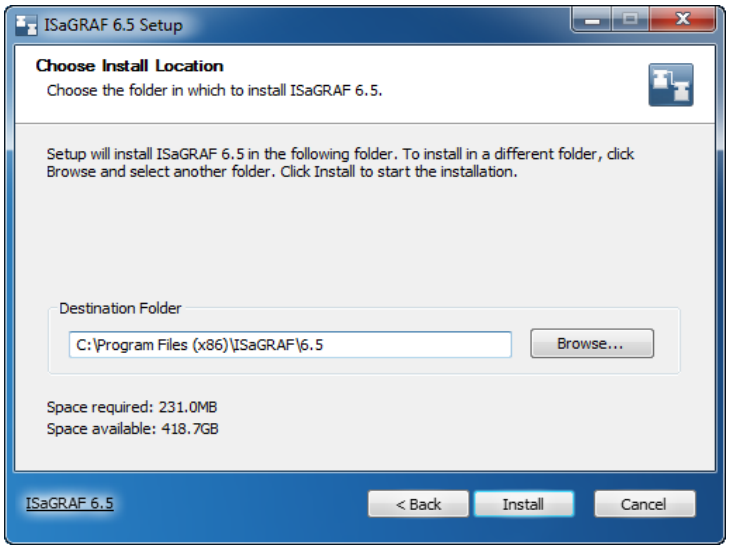
5. Read the License Agreement, select **I accept the terms of the License Agreement** and click **Next**.



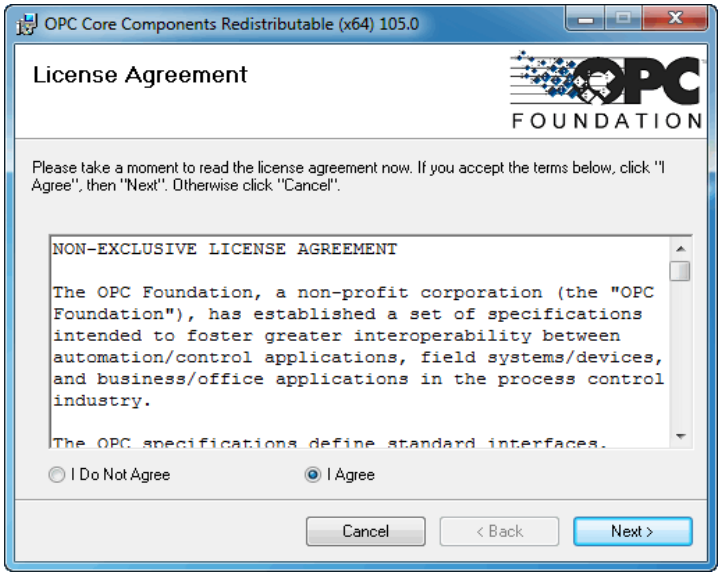
6. Select the components you want to install. In this guide we use the default settings. Click **Next**.



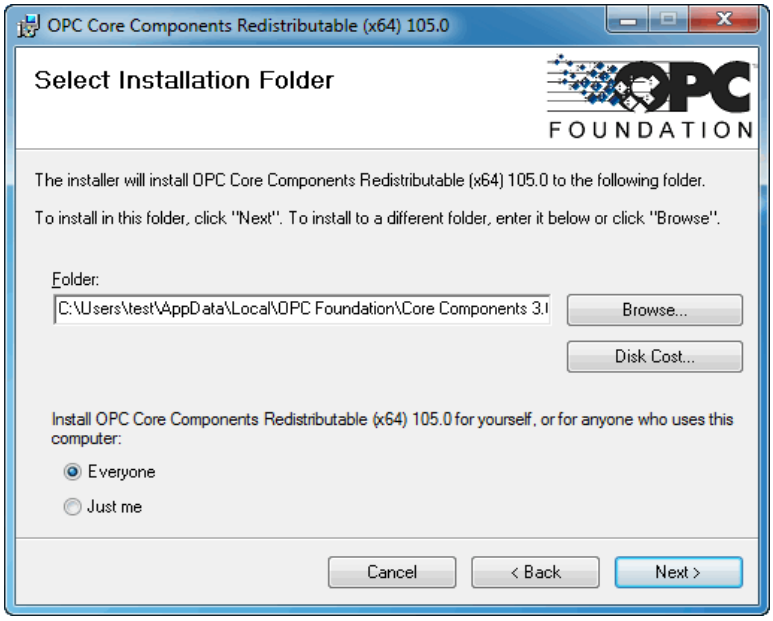
7. Choose the location you want to install ISaGRAF PLC Workbench. You can accept the default installation path, or click **Browse** to choose a different location. When you finished, click **Install**.



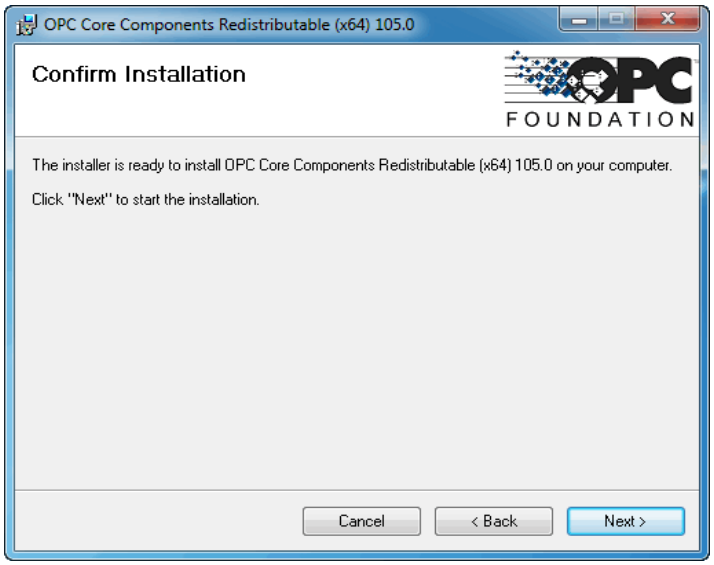
8. From this step, the installer starts to install ISaGRAF PLC Workbench and checks whether the required components are installed on your computer. If not, it will install for you. The first component it checks is OPC Core Components Redistributable. Click **I Agree** and click **Next**.



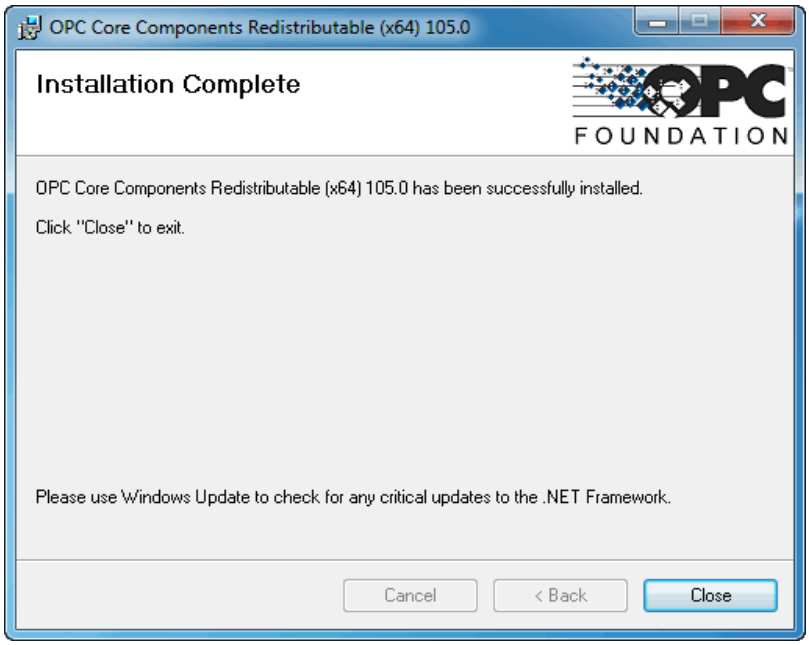
9. Choose the location you want to install OPC Core Components Redistributable. You can accept the default installation path, or click **Browse** to choose a different location. You can also choose to install for everyone who uses this computer or just for yourself. When you finished, click **Next**.



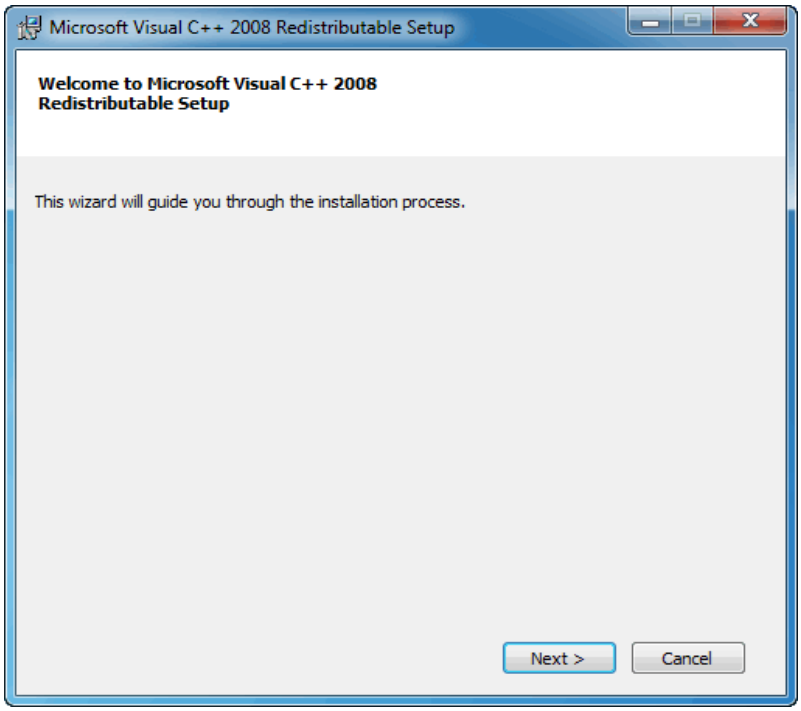
10. The installer asks you to confirm the installation. Click **Next**.



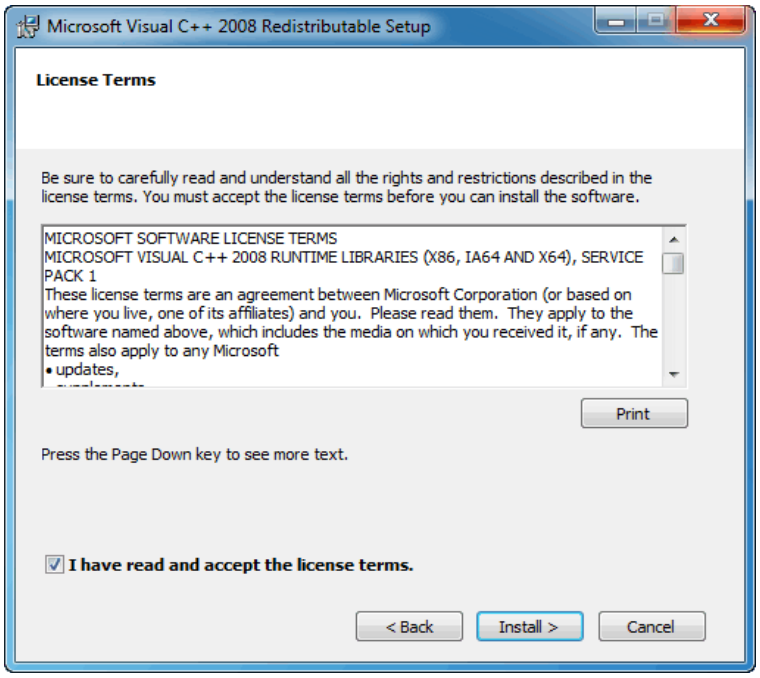
11. After the OPC installation is completed, click **Close**.



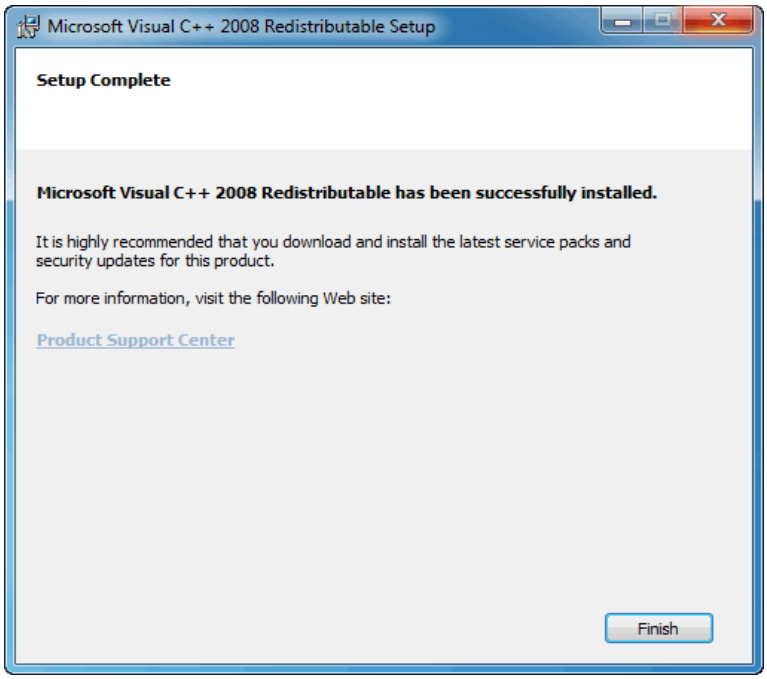
12. The installer then installs Microsoft Visual C++ 2008 Redistributable. Click **Next**.



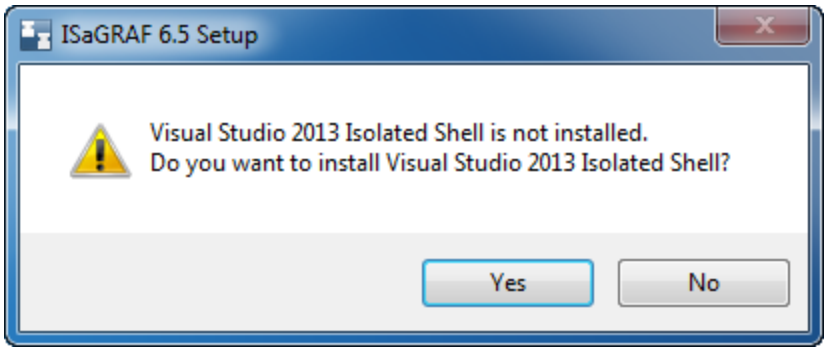
13. Select the **I have read and accept the license terms** check box and click **Install**.



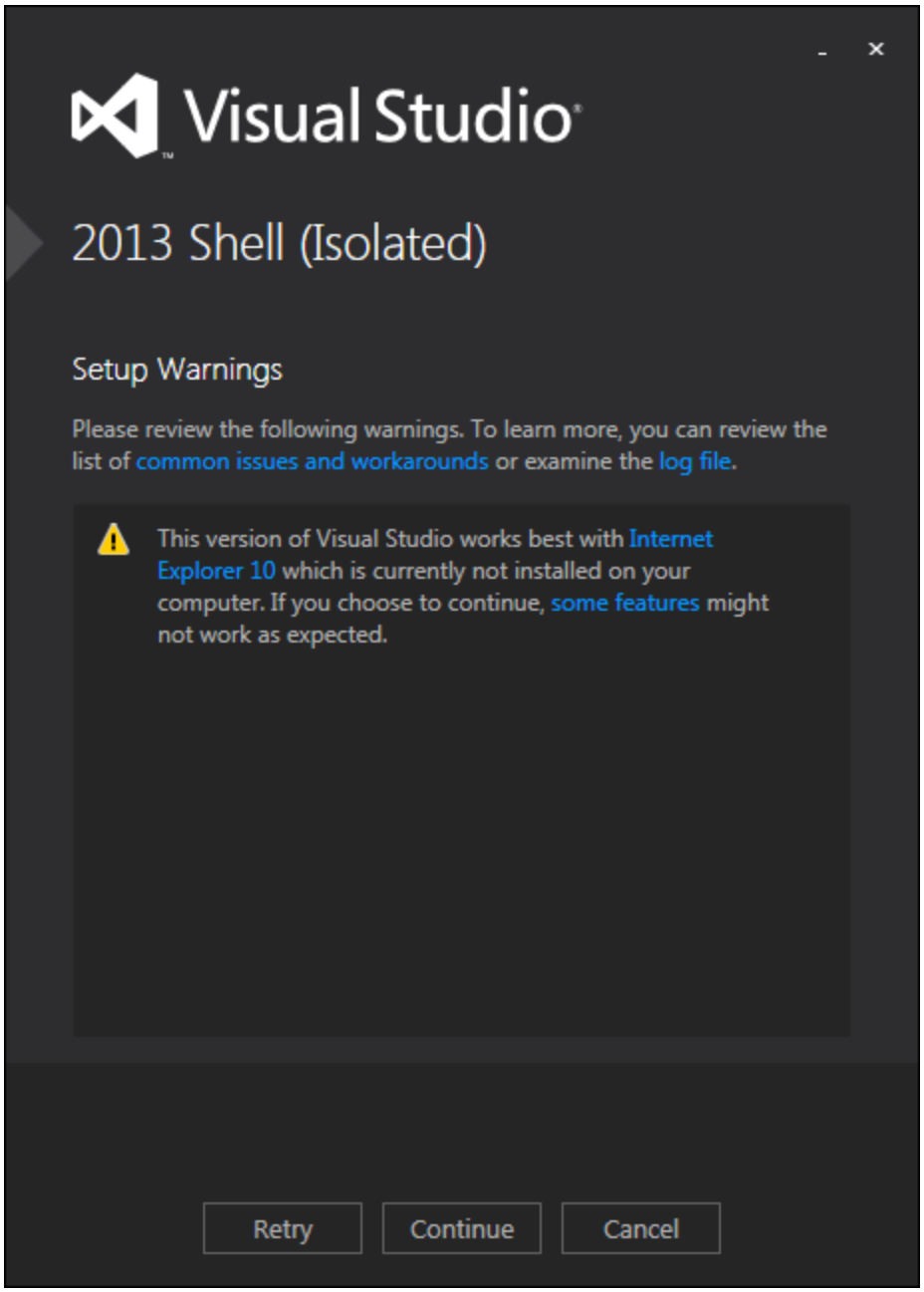
14. After the Microsoft Visual C++ 2008 Redistributable installation is completed, click **Finish**.



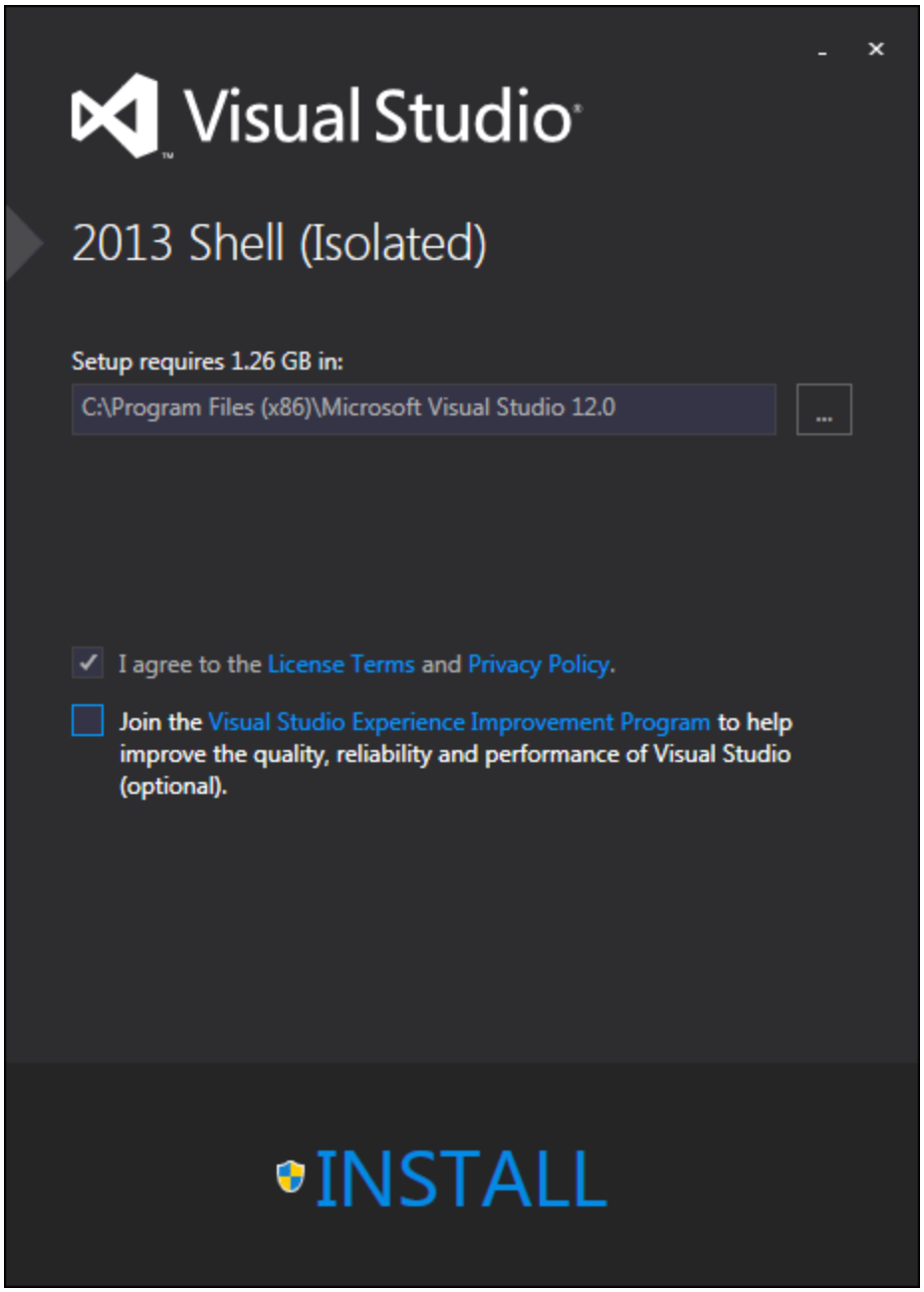
15. Next, you are prompted to install **Visual Studio 2013 Isolated Shell**. Click **Yes**.



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**.



17. 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**.



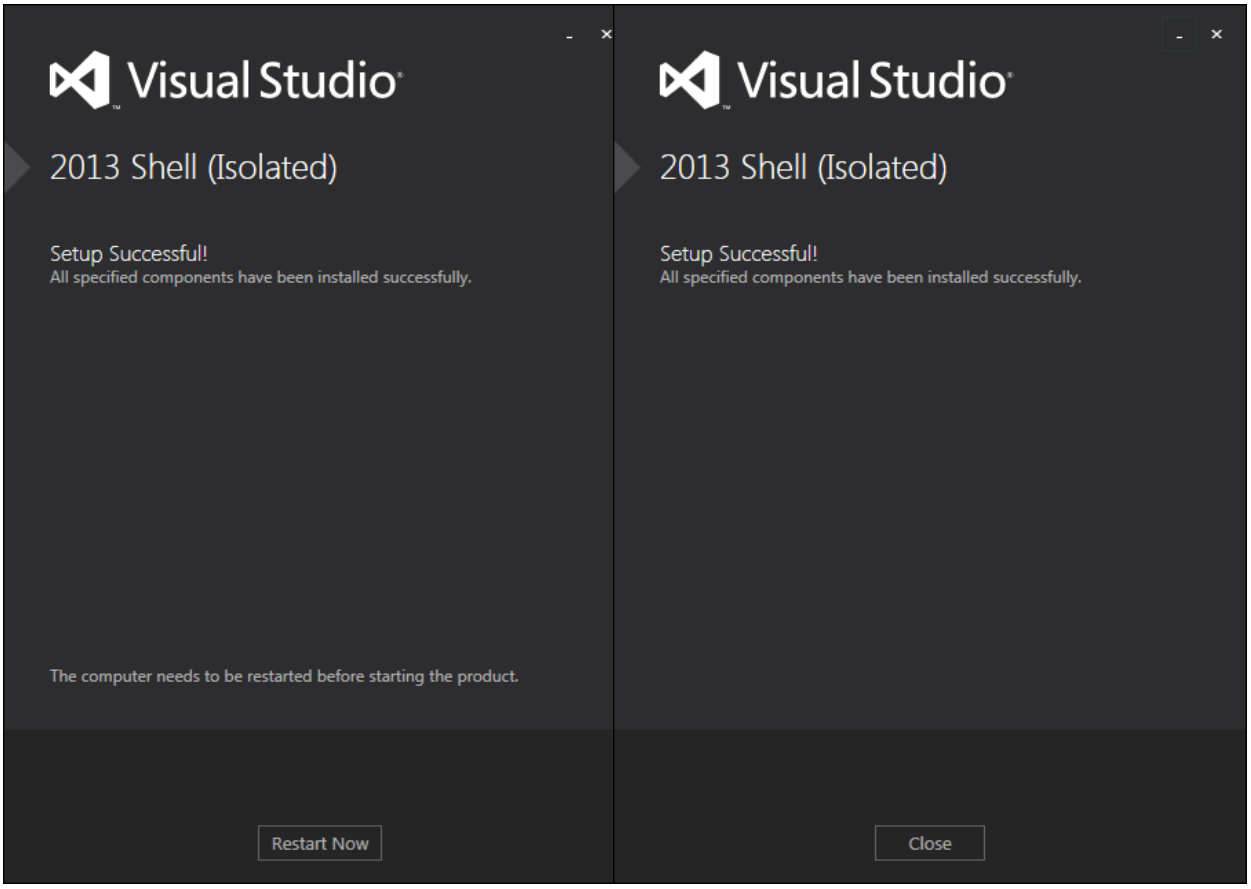
18. After the installation is completed, follow the instruction of Visual Studio 2013.

    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.

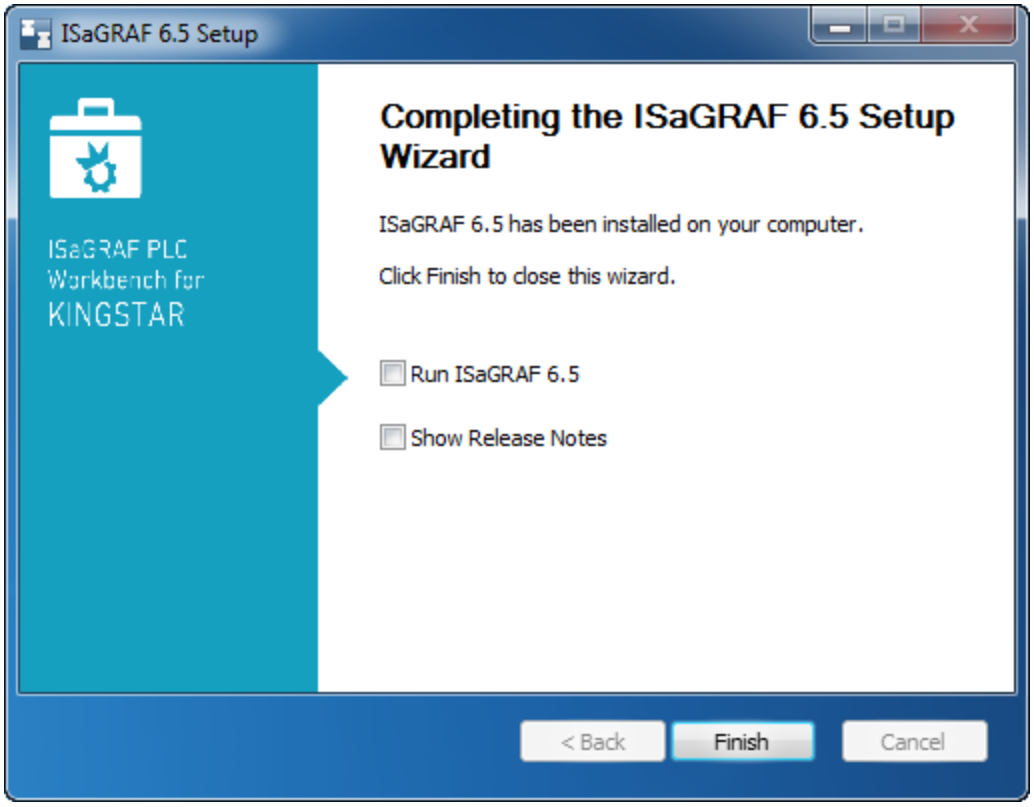
If your computer has not installed Visual Studio 2013 components before, it will require you to restart your computer. You need to restart your computer to continue the Workbench installation. Click **Restart Now** and proceed to the next step.

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**.

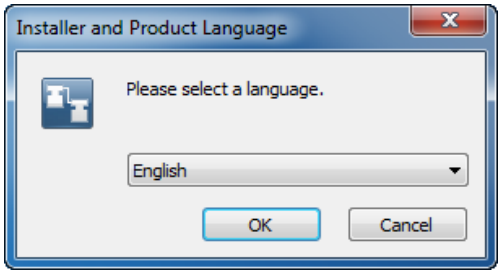
    NOTE: If you want to run ISaGRAF PLC Workbench or read the release notes immediately after the installation is completed, select their check boxes.



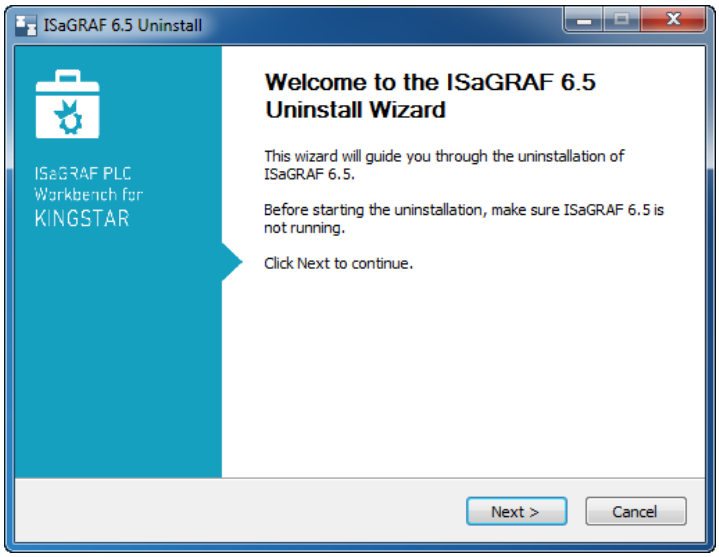
Uninstall ISaGRAF PLC Workbench

To uninstall ISaGRAF PLC Workbench:

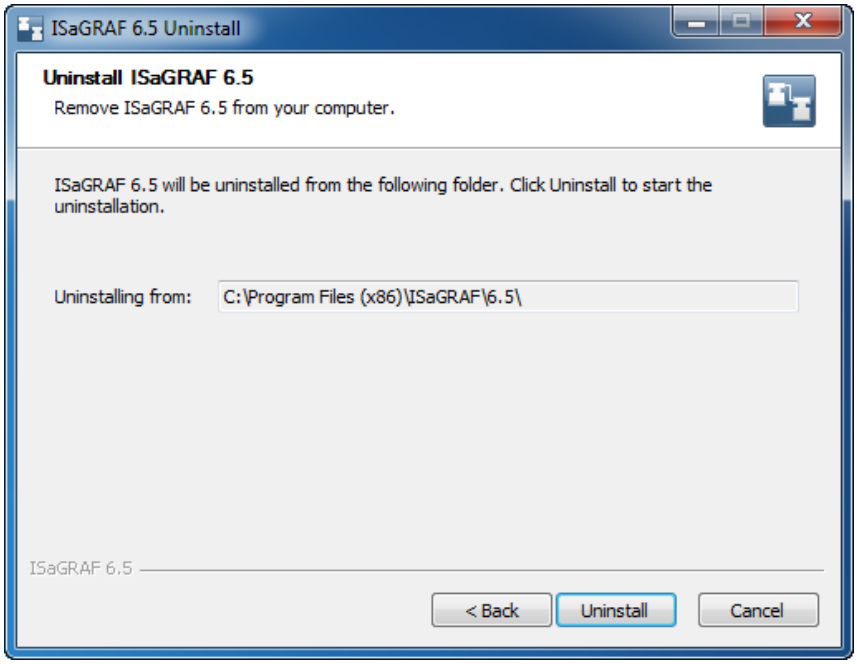
1. Go to **Control Panel** > **All Control Panel Items** > **Programs and Features**.
2. In the **Uninstall or change a program** list, select **ISaGRAF 6.5** and click **Uninstall/Change**.
3. In the **Installer and Product Language** dialog box, in the language list, select a language you want to use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



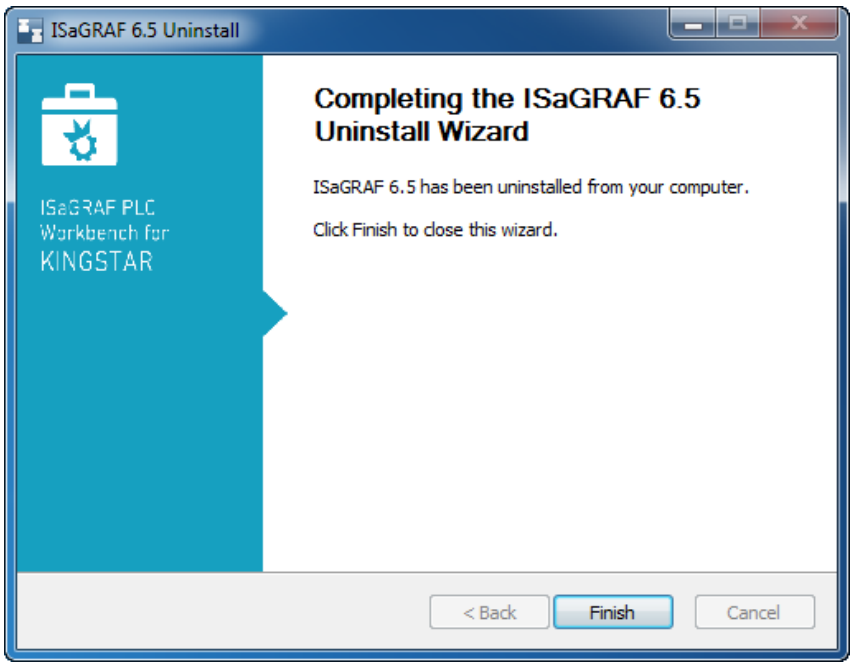
4. In the **ISaGRAF 6.5 Uninstall** dialog box, click **Next**.



5. Click **Uninstall**.



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



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 3.1 Runtime** > **Control Panel**.
2. In the **RTX64 3.1 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.