Classification	ISaGRAF FAQ-121						
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	1/9

How to install or remove the ISaGRAF development platform properly

For ICP DAS ISaGRAF PACs and the ISaGRAF Workbench software to operate properly, it is imperative that everything is setup correctly. This document shows the details of how to setup the controller system and the ISaGRAF Workbench software promptly.

Hardware Requirements

- A PC with a Pentium, 133 MHz or Faster Processor
- 32MBytes Memory (Preferably 64MBytes RAM)
- A Hard Drive with 128Mbytes (or more) of Storage
- One RS-232 Serial Port

Software Requirements

One of the following computer operating systems must be installed in the target computer before you install the ISaGRAF Workbench software program.

• Windows 95

- Windows 98
- Windows NT Version 3.51 or Windows NT Version 4.0
- Windows 2000 or Windows XP
- Windows Vista

The steps as follows:

- I. Set up the ISaGRAF develop platform
 - 1. Install the ISaGRAF Workbench program
 - 2. Install the ICP DAS Utilities For ISaGRAF program
- II. Remove the ISaGRAF develop platform

I. Set up the ISaGRAF develop platform

1. Install the ISaGRAF Workbench program

Download the Workbench Program from website:

https://www.icpdas.com/en/download/show.php?num=1240&nation=US&kind1=&model=&kw=ISaGRAF

[%Since 2015, ICP DAS do not provide CD-ROM in the delivery package anymore]

Insert the ISaGRAF Workbench CD into your CD-ROM drive. Normally the auto-start program will activate the "install.bat" file automatically.

If your computer does not have the auto-start feature active, use the Browser and go to the CD-ROM drive where the Workbench CD is installed, then double-click on the "install.bat" file listed on the ISaGRAF CD. If the "install.bat" file is not found on your ISaGRAF CD, then double-click on the "ISaGRAF.exe" file to start the installation process. Once you have started the "install.bat" file, a dialog box will appear as shown as the Figure 1. Select the language version of the ISaGRAF software program you would like to use. English is used in all subjects and examples throughout this manual.

		101					
Classification	ISaGRAF FAQ			_			
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	2/9
Figure1:							
ISaGRAF 3.55		×					
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		Instan					
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(c) 1990-2007 ICS Triple	ex ISaGRAF						
ISaGRAF is a trademark	k of ICS TRIPLEX ISaGF	IAF					
2							
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subdirectory the				ірреагат			
Subul cetory the							
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e type the	Install ISa			ricoerien.			
	Thstall 15a	JKAP 5.5					
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	b	o install the wo	orkbench on another	disk or direc	ctory, please chang	je j	
		his pathname.			s		
		nstall on:	C:\ISAWIN				
		<u>l</u> n:	stall	<u>C</u> ancel			
	1	1					
						t.a. (
	dialog box asks			AF progr	ram you d like	to install.	
By default	t, checkbox is al		o install.				
	Install ISaG	RAF 3.5				×	
				-			
		ll programs			Install		
		ll sample appli			<u>C</u> ancel		
		ll standard libra	aries		Cancer		
	I ∨ Insta	ll help files					
	-						
	have selected p	-		s to be in	stalled, the in	stallation be	gins, and a
dialog box	x will show the	installatior	n progress.				
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Classification	ISaGRAF FAQ						
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	3/9
		Install ISaGR					
		Copying file:					
			100 %				

• Once the ISaGRAF Workbench software installation is completed, a Browser window will appear and to show the program.

📷 ISaGRAF 3.5	🕨 🕜 Book
	🔛 Diagnosis
	🚔 Libraries
	🐻 Licensing
	🐹 Projects
	🕜 Read Me
	😭 Report

• If your ISaGRAF Key-Pro is USB type, please follow below steps to install the proper USB driver.

a) To make your PC recognize the ISaGRAF USB protection-key, please **unplug** the USB protection-key from your USB port first, then run "**\Sentinel\SSD5411-32bit.exe**" in the ISaGRAF 3.55 after you have installed. Then please restart your PC.

b) To run ISaGRAF Ver. 3.5x, please always insert the USB protection-key in the PC USB port.

NOTE: You must install the hardware protection device (dongle) provided with the ISaGRAF software on your computers parallel port to allow the ISaGRAF program to achieve fully authorized functions. (Not for the ISaGRAF-32 which doesn't have the dongle.)

While using ISaGRAF and the dongle is inserted, if the "Help" – "About" says "Maximum number of IO variables: 32", it means ISaGRAF workbench cannot find the dongle. Please restart your PC and then check the "Help" – "About" again. If it still displays "Maximum number of IO variables: 32", the dongle driver may not be installed well. Please execute the following ISaGRAF programs

\Sentinel5382\setup.exe for ISaGRAF-80

or \Sentinel\setup.exe for other ISaGRAF version (except ISaGRAF-32)

or follow the former section if your protection-key is USB type.

and then restart the PC again.

Important Notice for Window Vista Users

Because of windows Vista's User Account Control, will lead to ISaGRAF 3.x implementation of the exception. So **DISABLE** the User Account Control before installing the ISaGRAF Workbench.

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Classification	ISaGRAF FAQ-	121						
Author	Grady Dun	Version	1.0.0	Date	Apr. 2	010	Page	4 / 9
		nly the ad hoose "Co	ministrator can ontrol Panel", t	hen "Use				
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Tasks Create	a password reset disk	Make ch	anges to your user	account				
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Chang variabl	e my environment es		e another account ser Account Control on o	or off				
	ntinue " on the ck the "Use Use K" button		0	to help y	ou prote	ect you	ur computer	" option,
12								
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	User Account Contro you leave UAC tume	l (UAC) can he d on to help pr	trol (UAC) to mak p prevent unauthorize totect your computer. to help protect your c	ed changes to	1987			
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Important Not If your computer file in the ISaGRA	is using the Wir	ndows NT	operating syste	-				

ICP DAS Co., Ltd. Technical Document

Classification	ISaGRAF FAQ-	121					
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	5/9

C:\isawin\exe\isa.ini.

You can use any ASCII based text editor (such as Notepad or UltraEdit32) to open the "isa.ini" file. Locate the [WS001] header in the "isa.ini" initialization file (it should be at the top of the file). Anywhere within the [WS001] header portion of the "isa.ini" initialization file, add the entry shown below within the [WS001] header:

[WS001] **NT=1** Isa=C:\ISAWIN

The [WS001] header should now look like the above example. The **NT=1** entry addition is absolutely required for the RS-232 communications to operate properly in the Windows NT operating environment.

When closing the ISaGRAF window on windows 2000, it sometimes holds (No response). You may create a short cut for the "ISaGRAF project manager. And then check on "run in separate memory space" option in the shortcut property.

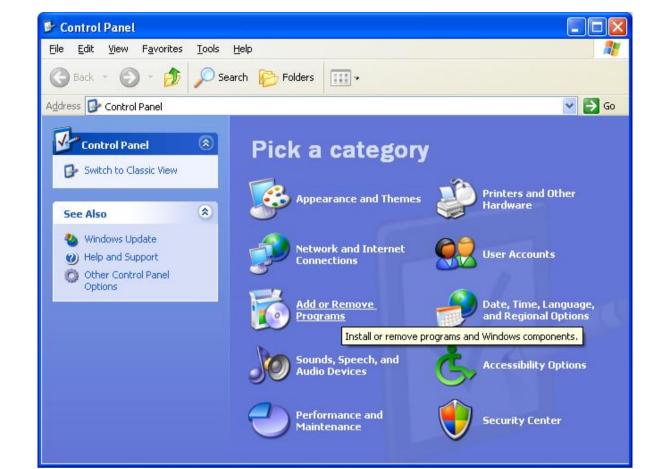
-	
Target type: Target location	Application
Target	
F Run in sep	arate memory space Run as different user
Shortcut key:	None
Run:	Normal window
Comment	
	Find Target Change Icon
	OK Cancel Apply

Classification	ISaGRAF FAQ-	121							
Author	or Grady Dun Version 1.0.0 Date Apr. 2010 Page 6 / 9								
The "ICP DAS Util I/C M Au	ne ICP DAS Uti lities for ISaGRAI D library definitio odem_Link utilit Ito-scan I/O utili PDAS Udloader	=" consists on y	=	-					
Please download http://www.icpd Then run "setup.	as.com/en/dowr	nload/sho					<i>w</i> =isagraf		
Figure 2: ISaGRAF	Utilities - InstallShield A	# izard							
Z			he InstallShield Wizard IR Wizard will install ISaGR/			e, click Next.			
Install	Shield	_	K Back	ext >		Cancel			
Note: If "setup.exe" is r https://www.icpo	=	-			tilities for ISa	GRAF " from	website:		

If you change the path of installing the ISaGRAF Workbench, redirect the path of installing the ICP DAS Utilities for ISaGRAF to the path that contains the ISaGRAF Workbench.

Classification	ISaGRAF FAQ-	121					
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	7/9
The main steps a 1. Remove t 2. Delete the	he ICP DAS Utilit e folder that con the ICP DAS Ut menu, select "C	ies For ISa tains ISaG ilities Fo r ontrol Par	aGRAF iRAF Workben r ISaGRAF nel″				
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Classification	ISaGRAF FAQ-	121					
Author	Grady Dun	Version	1.0.0	Date	Apr. 2010	Page	8/9



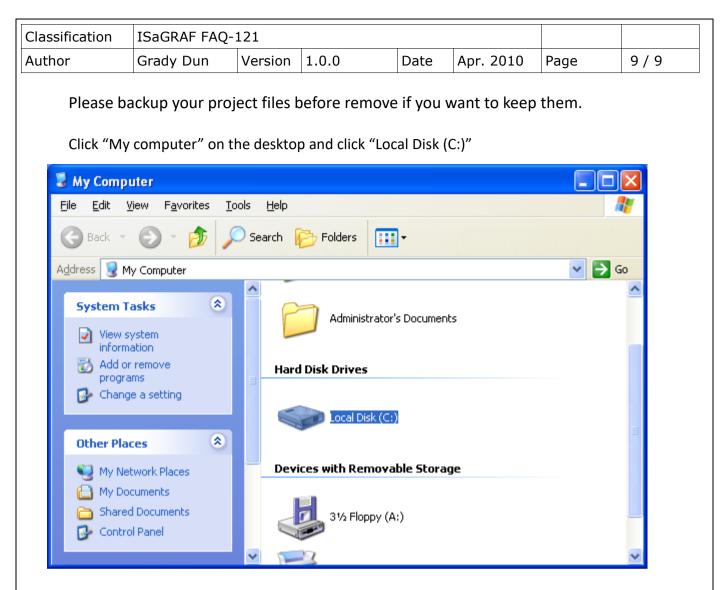
Click the "Add or Remove Program" icon

Select the program "ISaGRAF Utilities" to remove and click Remove

🐻 Add or Re	emov	re Programs	
Change or Remove		Currently installed programs: Show up <u>d</u> ates	Sort by: Name
Programs	=	ISaGRAF Utilities	Size <u>34.72MB</u>
1		Click here for support information.	Used <u>rarely</u>
Add <u>N</u> ew		To change this program or remove it from your computer, click Change or Remove.	Change Remove
Programs		😰 VMware Tools	Size 20.53MB
	~		

Delete the folder that contains the ISaGRAF Workbench





Delete the folder "ISAWIN" (the default path of installing ISaGRAF Workbench is C:\ISAWIN\)

