How to Update Win-GRAF Runtime

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1. Description

In order to cope with the new functions, ICP DAS will release new versions of Win-GRAF Runtime from time to time. Please follow the steps below to obtain the latest Win-GRAF PAC Runtime installation file on the website:

Main Page \rightarrow Search for Win-GRAF \rightarrow Software Download \rightarrow Runtime for WinCE PAC \rightarrow Click to get file

| | Win-gr | | | Q Tag | ٤ | English 🗸 | |
|------------------------------------------|---------------------------------------|---------------------------|----------------------|------------------------|--------------------|------------------------|--|
| | Module: Win-GRAI Info: Win-GRAF ho | = ome page, includes a | ی I information. | | CORPORATE | CONTACT US | |
| HOME > PRODUCTS > Software > Devel | opment Tools > Win-G | RAF | | | | | |
| Introduction PAC Features | Selection Guide | License Instructions | Software Download | Applications | Comparison PAC | FAQ | |
| Download Win-GRAF Workbench: | | | | | | | |
| ※ Programs developed with Win-GRAF Work! | pench V1.08 are NOT R | ECOMMANDED to be po | rted to Win-GRAF V | /orkbench V11. | | | |
| File Name | Version | File Date | Download | Link Re | emark De | mo Program | |
| Win-GRAF Workbench Software | 11.0.04 | 2023-04-26 | Installe | er Fulls | software <u>Cl</u> | <u>ick to get file</u> | |
| Up-to-date Win-GRAF Runtime an | d Drivers: | | | | | | |
| File Information | Version | File Date | | Download | Rem | ark | |
| Runtime for WinCE PAC | 2.2.0 | 2023-04-20 | 5 <u>C</u> | <u>ick to get file</u> | WinCE PA | C driver | |
| IoT PAC Runtime | 1.0.0 | 2024-01-04 | | <u>ick to get file</u> | XP-9000-1 | oT driver | |
| Runtime for PC | 10.0.0 | 2022-07-07 | ۲ <u>Cl</u> | <u>ick to get file</u> | PC dr | iver | |
| Runtime for EMP9K | 10.0.0 | 2022-06-29 | 9 <u>C</u> | <u>ick to get file</u> | EMP-900 |) driver | |

☆WinCE PAC version support: WP-9x2x-CE7, XP-8x3x-CE6, WP-8x2x-CE7, VP-x2xx-CE7, WP-523x-CE7

Website linkage:

https://www.icpdas.com/en/product/guide+Software+Development To

ols+Win-GRAF#2713

2. Steps to update Win-GRAF Runtime

Following we take XP-8x28-CE6 as an example to describe the flows.

Step 1. Download XP-8x28-CE6 Runtime

| Up-to-date Win-GRAF Runtime and Drivers: | | | | | | | |
|---------------------------------------------------------------------------------------------|----------------------------------|------------|----------------|-----------------------|----------------------------------------------------------------------------------------------------------------|--------|--|
| File Information | Version | File Date | | Download | l Remar | k | |
| Runtime for WinCE PAC | 2.2.0 | 2023-04-26 | | <u>Click to get f</u> | ile WinCE PAC o | driver | |
| IoT PAC Runtime | 1.0.0 | 2024-01-04 | | <u>Click to get f</u> | TIE XP-9000-1oT | driver | |
| Runtime for PC | 10.0.0 | 2022-07-07 | | <u>Click to get f</u> | ile PC drive | r | |
| Runtime for EMP9K | 10.0.0 | 2022-06-29 | | <u>Click to get f</u> | EMP-9000 d | Iriver | |
| ☆WinCE PAC version support: WP-9x2x-CE7, XP-8x3x-CE6, WP-8x2x-CE7, VP-x2xx-CE7, WP-523x-CE7 | | | | | | | |
| | FILE NAME | VERSION | FILE DATE | SIZE | NOTE | | |
| | Win- GRAF_Installer_2.2.0.zip | 2.2.0 | 2023- 04-26 | 25.7MB | Win-GRAF PAC driver update package for WP-9x2x-CE7, XP- 8x3x-CE6, WP-8x2x-CE7, VP-x2 CE7, WP-5238-CE7 | xx- | |

Download linkage:

https://www.icpdas.com/en/download/show.php?num=8260&nation=US&kind1=6&

kind2=17&model=&kw=Win-GRAF+Runtime

Step 2. Unzip the downloaded file into XP-8x28-CE6 (please refer to the

numbers in the picture below)

| 📙 > 本機 > 桌面 > Win-GRAF | Installer > Win-GRAF_I | nstaller_2.3.1 > | | | |
|------------------------------------------------------------------------------|---------------------------|--------------------------|-------------------|--------|---------------------------------------|
| | 名稱 个 | 修 | 收日期 | 類型 | 大小 |
| | U Win-GRAF | 20 | 24/2/2 下午 05:35 | 檔案資料夾 | |
| | HingRAF_Installer_ | ARMv4l.exe 20 | 23/12/13 下午 03:47 | 應用程式 | 221 KB |
| | B WinGRAF_Installer | x86.exe 20 | 23/12/13 下午 03:46 | 應用程式 | 163 KB |
| XPAC Utility [1.2.7.8] File Help General General2 Display IF LAN 1: | ^o Config Netwo | 3 | Circo Tur | - | Data Madifiad |
| MAC Address: 00-0D-E0 | D-6E-0B-59 | | 5126 1 9 | | Date Modified |
| 🔿 Use DHCP to get IP a | address | | | | |
| Assign IP address | 31 | | | | |
| IP Address: 192.168 | .83.100 | | | | |
| Mask: 255,255 | .255.0 | WingRAF | File | Folder | 2/1/2024 8:29 PM |
| Coheman | | Win-GRAF_Installer_2.1.0 | File | Folder | 10/25/2022 11:40 PM |
| Gateway: 192.168 | .1.1 🧹 🛱 | Win-GRAF_Installer_2.2.0 | File | Folder | 9/6/2023 7:36 PM 1/29/2024 6:37 PM |
| DNS Server: 168.95.1 | 1.1 🦳 🚽 🧺 | WINGRAF2 | File | Folder | 2/14/2023 9:24 PM |
| | Apply | | | | |

- 1. Unzipped file to get 3 different documents
- 2. Confirm LAN Port IP Address of this PAC
- 3. Use pen drive or FTP document transmission to download files into

PAC. Here we recommend using pen drive.

Step 3. Update/ Install Win-GRAF Runtime

To update or install Win-GRAF Runtime, please make sure you have download the correspondence Installer.

[The directions of how to select a correct version of installer for different PAC OS,

please refer to the part of problem 1 in 3. Problem solving in this document.]

1. Executive WinGRAF Installer x86 (Here the hardware is XPAC)

| File Edit View Go Favorites | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|-------------------|--|--|
| Address \System_disk\Win-GRAF_Installer_2.3.1 | | | | | |
| Name | Size | Туре | Date Modified | | |
| Win-GRAF 1 | | File Folder | 1/29/2024 6:37 PM | | |
| WinCRAE Installor_ARMy41 | 221VP | Application | 1/20/2024 6:27 DM | | |
| NinGRAF_Installer_x86 | 164KB | Application | 1/29/2024 6:39 PM | | |
| and a second of the second of | | | | | |

2. When this window on th left-hand side pops-up, click OK and rename

Min-GRAE Installe Name

the file name from "WinGARF" into "WinGRAF2"

| | <u></u> | |
|---------------------------------------------------------------------------------------|--------------------|----------|
| Start installing Executing Runtime: No PAC Type: XP8X3X, OK Installed check: | Install Close | |
| Warning | OK × | WingRAF |
| Please rename or remove previous | ; installed folder | WingRAF2 |
| | | |
| | | |

3. Confirm and click "OK" to finish reinstall

| Win-GRAF Installer OK |
|-------------------------------------------------------------------|
| Start installing Executing Runtime: No PAC Type: XP8X3X, OK |
| Installing ICP DAS WINGRAF |
| Already Installed OK X |
| ICP DAS WinGRAF is already installed. Re-install? |
| Cancel |
| _ |

4. Reboot Win-GRAF to check the latest version after updating

| Win-GRAF 2.2.0 0 | K Win-GRAF 2.3.0 OK |
|---------------------------------------|---------------------------------------|
| General Retain Redundancy Module Info | General Retain Redundancy Module Info |
| Runtime License: Yes | Runtime License: Yes |
| Workbench License: No | Workbench License: No |
| Mode: Standard | Mode: Standard |
| State: Idle | State: Idle |
| Task: No Task | Task: No Task |
| Demo Elapse: 00 : 00 : 00 | Demo Elapse: 00 : 00 : 00 |
| Workbench Port: 1100 1100 Set | TCP Port: 1100 1100 Set |
| | |
| Start Stop Terminate | Start Stop Terminate |

3. Problems Solving

Problem 1: How to choose the correspondence Runtime **Solution:**

PAC number include WP-9x2x-CE7, WP-8x2x-CE7, VP-x2xx-CE7, WP-523x-CE7, please run installer named "WinGRAF_Installer_ARMv4I"

PAC number include XP-8x2x-CE6, please run Installer named "WinGRAF_Installer_x86"

PAC number include XP-9x8x-IoT, please run Installer named "Win-GRAF_Installer_x.x.x_IoT" (x.x.x is version number)

| File Edit View Go Favorites | | | | | |
|---------------------------------------------|-------|-------------|-------------------|--|--|
| Address System_diskWin-GRAF_Installer_2.3.1 | | | | | |
| Name | Size | Туре | Date Modified | | |
| 🗁 Win-GRAF | | File Folder | 1/29/2024 6:37 PM | | |
| WinGRAF_Installer_ARMv4I | 221KB | Application | 1/29/2024 6:37 PM | | |
| 🚜 WinGRAF_Installer_x86 | 164KB | Application | 1/29/2024 6:39 PM | | |
| ₩inGRAF_Installer_1.1.0_IoT | 238KB | Application | 1/29/2024 6:39 PM | | |

Problem 2: Set FTP transfer directory location

Solution:

Here we take XPAC as an example. Open XPAC Utility, click Network

tab, "" is root directory.

| XPAC Utility [| [1.2.7.8] |
|----------------------------------|----------------------------------------------------------------------------------------------|
| File Help General Gene | eral2 Display IP Config Network Device Information Auto Execution Rotary Exe 🕢 🕨 |
| Access Login | File Server Settings |
| | |
| | FTP Enable Disable |
| | Allow Anonymous Enable Disable |
| | Set FTP default download directory to: |
| | |
| | Set HTTP document root directory to: |
| | \System_Disk\ICPDAS\www |
| | |

P.S. To set WinPAC, we open PAC Utility and the setting steps are the same as XPAC. For Win 10 IoT PAC, we recommend using pen drive.

Problem 3: The installer file is too large and there is insufficient storage space.

Solution:

When the PAC storage space is insufficient, simply delete unnecessary CAB files. If you use XP-8x28, just leave the WinGRAF_XP8.CAB file.



Following figure shows the model number corresponding CAB file.

| Model Number | CAB file name |
|--------------|------------------|
| XP-8x38-CE6 | Win-GRAF_XP8.CAB |
| WP-8x28-CE7 | Win-GRAF_WP8.CAB |
| WP-9x28-CE7 | Win-GRAF_WP9.CAB |
| VP-x2x8-CE7 | Win-GRAF_VP.CAB |
| WP-5xx8-CE7 | Win-GRAF_WP5.CAB |