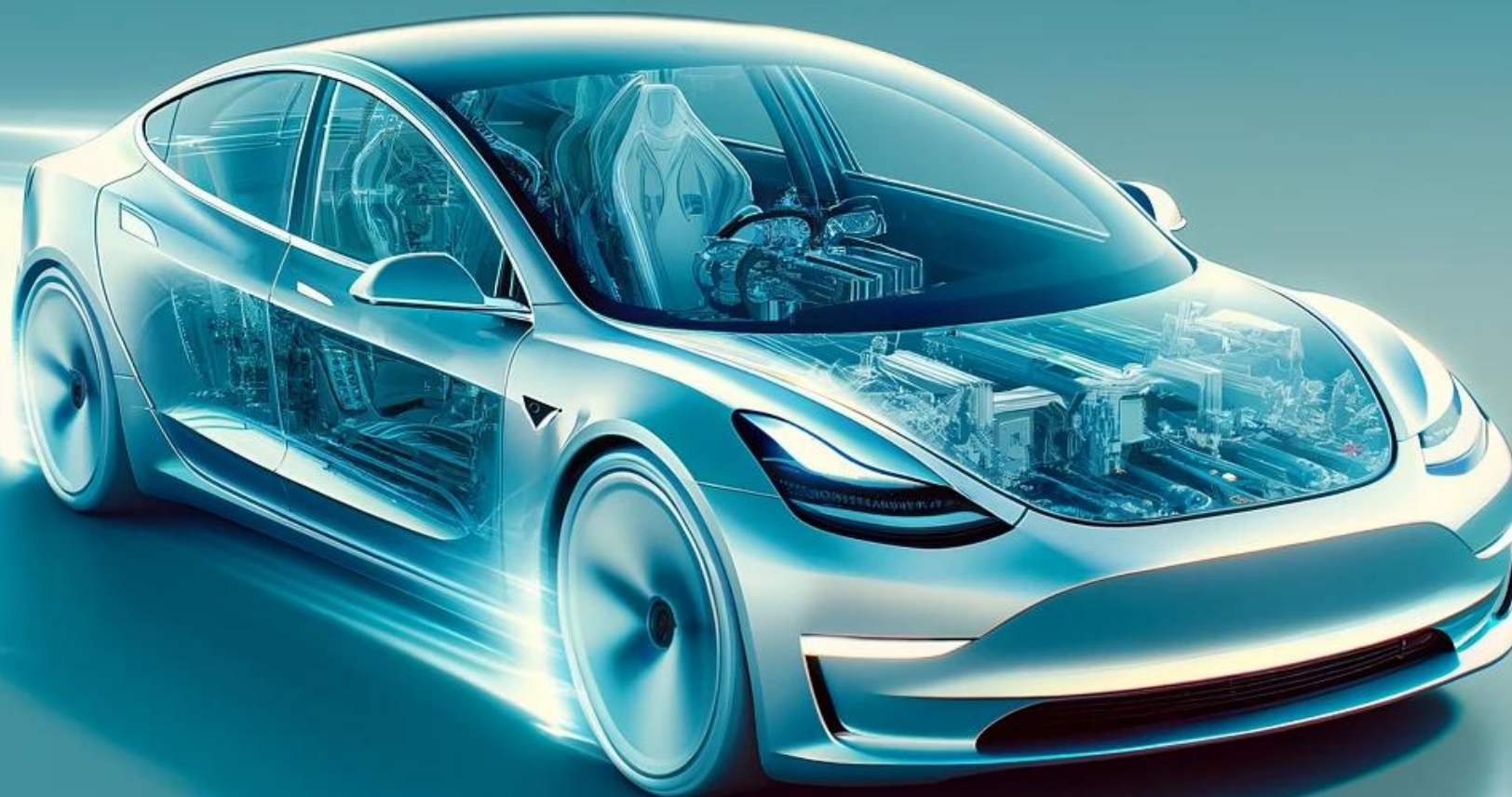




JOTACTIC 捷策動能



Jotactic Automotive Consulting Inc.



Technical Support

點選註冊帳號

Search

FAQs

Application Notes

Screencasts

Downloads

Licensing

Contact Support

ACCOUNTS / REGISTER FOR AN ACCOUNT

Register for an Account

Email address:

alexander@jotactic.com

填入公司信箱

Password:

填入密碼

Password confirmation:

Enter the same password as above, for verification.

Submit

Account registration for Green Hills Software Support

Hi alexander@jotactic.com,

You asked to register an account at

To activate this account, please click the following link within the next 3 days:

[Activate my account on Green Hills Software Support](#)

Sincerely,

Green Hills Software Support

Copyright © 2023 Green Hills Software

啟用信箱認證，將註冊信箱發予捷策動能產品窗口，
並附註需要申請的產品內容

alexander@jotactic.com

mandy.shen@jotactic.com

登入GHS帳號，填寫帳號資訊

Edit Profile

Personal Info

First name:

Alex

Last name:

Huang

Title:

Technical manager

Group name:

Automotive

Manager name:

帳號使用者資訊，必填須完整，GHS公司將審核內容

Address line1:

2F., No. 158, Sec. 1, Wenxing Rd.,

Address line2:

Zhubei City, Hsinchu County 302054

Address line3:

Taiwan (R.O.C.)

City:

Zhubei

State/Province:

Taiwan

Postal/ZIP code:

302054

Country:

Hsinchu

Phone:

+88636109669

公司地址資訊，必填須完整，GHS公司將審核內容

Company name:

Jotactic Automotive Consulting Co., Ltd.

License serial number (what's this?), purchase order number, or partner agreement details:

Green Hills Software contact:

Temporary access code (optional, if you were provided one):

公司完整名稱，必填須完整，GHS公司將審核內容

GHS將透過註冊信箱資訊以及帳號資訊進行審核，約1~2周時間，將釋放相關產品下載資訊，登入後可在帳號中查閱，並下載

HomeContact Supportwww.ghs.comalexander@jotactic.comLog out

Green Hills SOFTWARE

Technical Support

SearchFAQsApplication NotesScreencastsDownloadsLicensingContact Support

SUPPORT HOME

All Downloads

To download any item, click the download link for that item. If you believe that anything is missing from this list, contact Green Hills support.

Utilities

Patch Installation Utility (gpatch) »

The gpatch utility enables you to install Green Hills Software patches. For more information about installing patches, see this article or view this screencast.

Win64	gpatch.exe	1.2 MB	SHA-1: 4c5387fae6647352043e76f9ec28d9a5fce5b8d2
Linux64	gpatch	664.1 KB	SHA-1: dc15a9ab938052fb1a20d4a39bb6ce217f727680
Win32	gpatch.exe	974.0 KB	SHA-1: a37cd080604e93ed307c2fec7d9a2d63d4e58f17
Linux86	gpatch	563.9 KB	SHA-1: b764559c5b6165a2aa172dc8adcaf1cb28b01b61
Solaris2	gpatch	1.2 MB	SHA-1: 8ee5e127d7e1bcb3bfe4bda976e8973c15f9989

Releases

Compiler 2023.5.4 Final Release for Embedded TriCore »

MULTI 8.1.4, Compiler 2023.5.4 Final Release, and Probe 6.6.4

Windows (64-Bit)	win64_tricore.iso	961.6 MB	SHA-256: a8db1fd796adfe1d411e4899005a1c94d6336be7512fe1be2e4d69353d0d8db8
Linux (64-Bit)	linux64_tricore.iso	924.6 MB	SHA-256: e6f09bbdfed8c5c2822226a10603ed35d81e6f052d96012d9f3fa8ece12334e5



■ 安裝GHS產品 – 注意事項

Before Starting the License Manager

Before starting the License Manager, consider the following caveats:

- You must configure and start the License Manager from the license host.
- UDP port 2009--used by the MULTI License Administrator to locate the License Manager on the network--must not be blocked by firewall and must be otherwise available for listening.
- The TCP port(s) specified by your license file(s) must be available and not blocked by firewall. TCP ports are used to accept license requests from client machines. The default TCP port is 2009.
- Windows -- Users with limited permissions are not able to modify the state of Windows services. To start the License Manager, you must be logged in with administrator privileges. Additionally, if you are using Windows, and User Account Control (UAC) is enabled (the default), you must use the **Run as administrator** option. For information about this option, see your Windows documentation.

Windows creates a firewall rule for the License Manager when it is started for the first time, and it is associated with the type of network you are connected to (e.g. domain, public, or private). To ensure that this is the correct network type for your situation, examine the **Green Hills License Manager** entry in the Windows firewall control panel under **Allowed Apps**.
- Linux -- Many Linux systems set a hard limit on the number of open sockets per process (1024 by default). If you expect many client applications to try to connect with the License Manager simultaneously, you may need to increase this limit before starting the License Manager. For example, on bash, the command **ulimit -n 5555** sets the limit to 5555.

請在安裝檔案中參考相關文件: multi_release_notes.pdf 、 release_notes_xxx.pdf

xxx:根據購買的編譯器類型來決定，如ARM就會有 release_notes_arm.pdf 、 release_notes_arm64.pdf

GHS主程式要求的系統環境與硬件需求請參考 multi_release_notes.pdf 、 release_notes_xxx.pdf 文件



■ 安裝GHS產品 – 注意事項

Installing Licensing Utilities on the License Host

The following should be taken into consideration when selecting a machine to serve as a license host:

- The license host must be an easily accessible network machine that is up and running when users need licenses.
- Avoid using DHCP or dial-up networking on the license host. Doing so may change the license host's default IP address. The License Manager will detect the address change and may stop granting license requests for security reasons.

Before installing licensing utilities on Windows, ensure that the following prerequisites have been met:

- The installing user has administrator privileges.
- The **Services** applet in the Windows **Control Panel** is not active.
- All running programs have been exited (recommended, not required).

For information about prerequisites that must be met before starting the License Manager, see ["Before Starting the License Manager"](#).

Install the licensing utilities from a MULTI 8 installation DVD. Instructions are provided in the installation document located in the root directory of the installation DVD.



Note

The MULTI 8 License Manager will continue to serve licenses to MULTI clients version 4 and later. However, pre-MULTI 6 versions of the License Manager will not serve licenses to MULTI clients version 6 and later.

請在安裝檔案中參考相關文件: multi_release_notes.pdf 、 release_notes_xxx.pdf

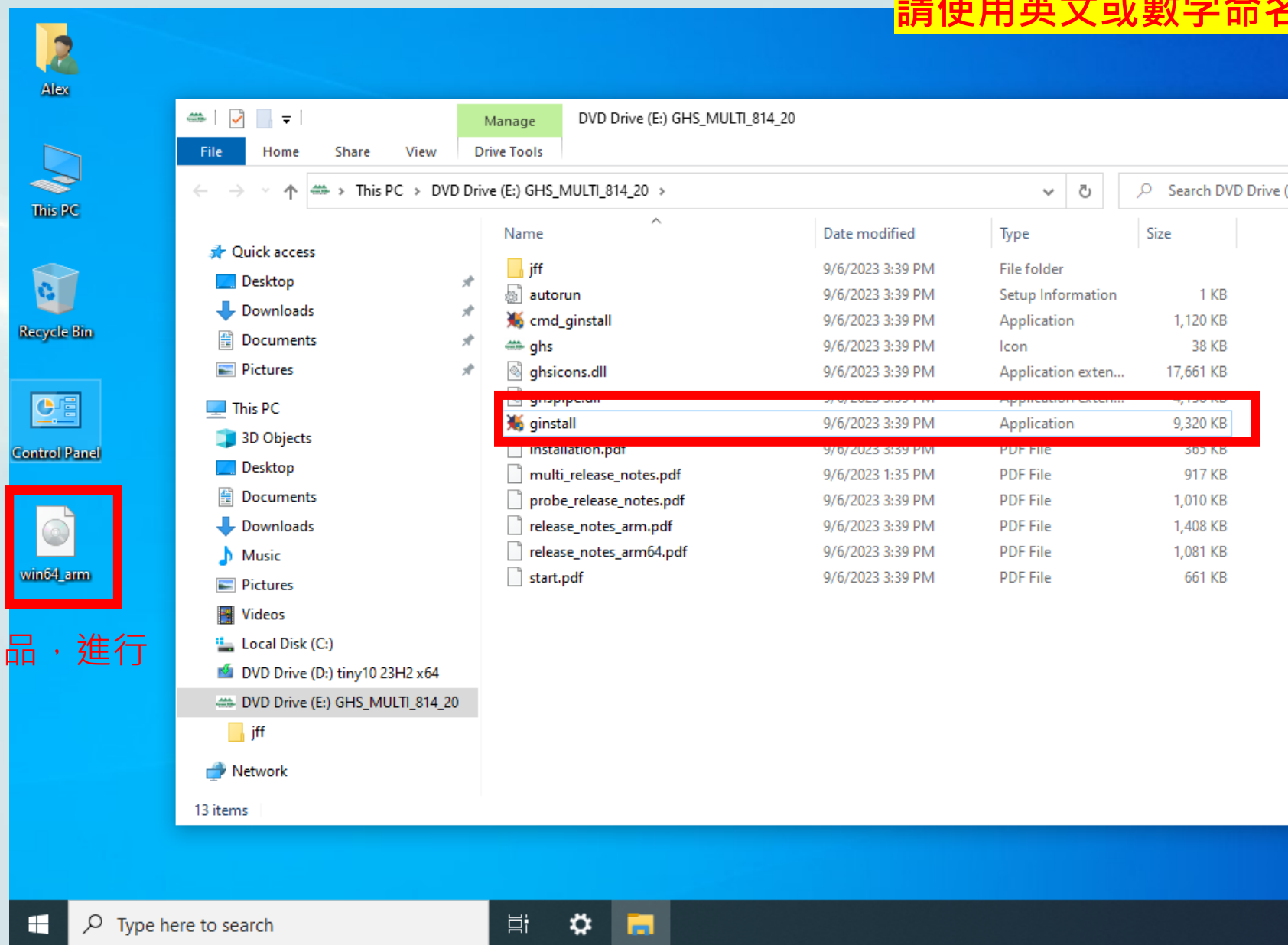
xxx:根據購買的編譯器類型來決定，如ARM就會有 release_notes_arm.pdf 、 release_notes_arm64.pdf

GHS主程式要求的系統環境與硬件需求請參考 multi_release_notes.pdf 、 release_notes_xxx.pdf 文件

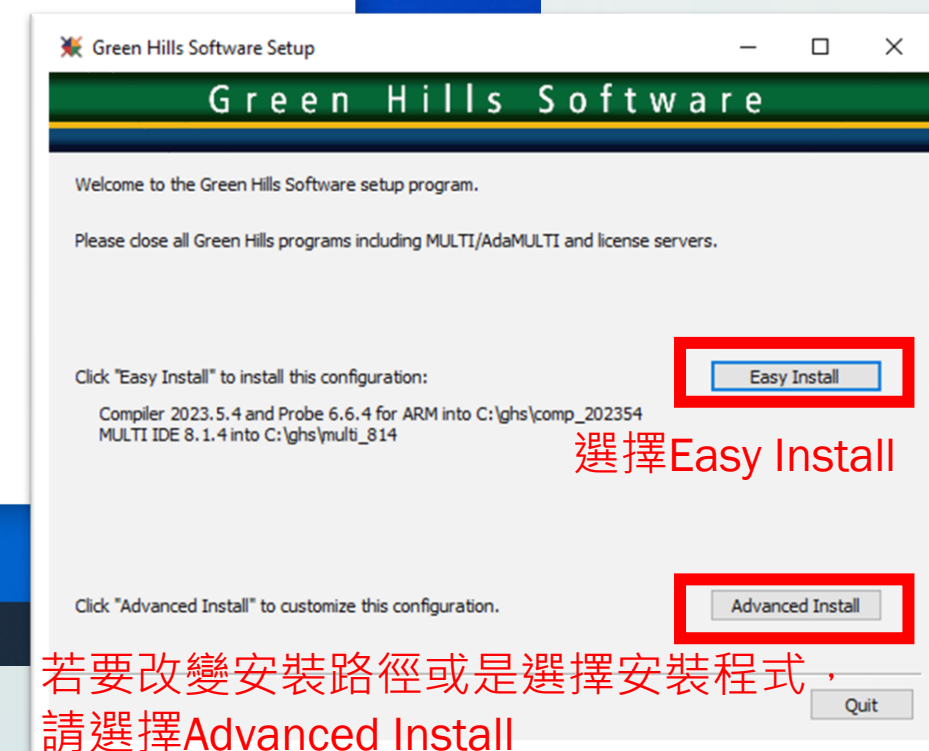


■ 安裝GHS產品

注意：安裝檔所在路徑及軟體安裝路徑皆請勿使用中文，請使用英文或數字命名，以避免安裝或執行時發生異常。



點選ginstall.exe



選擇Easy Install

下載GHS產品，進行
ISO掛載

若要改變安裝路徑或是選擇安裝程式，
請選擇Advanced Install

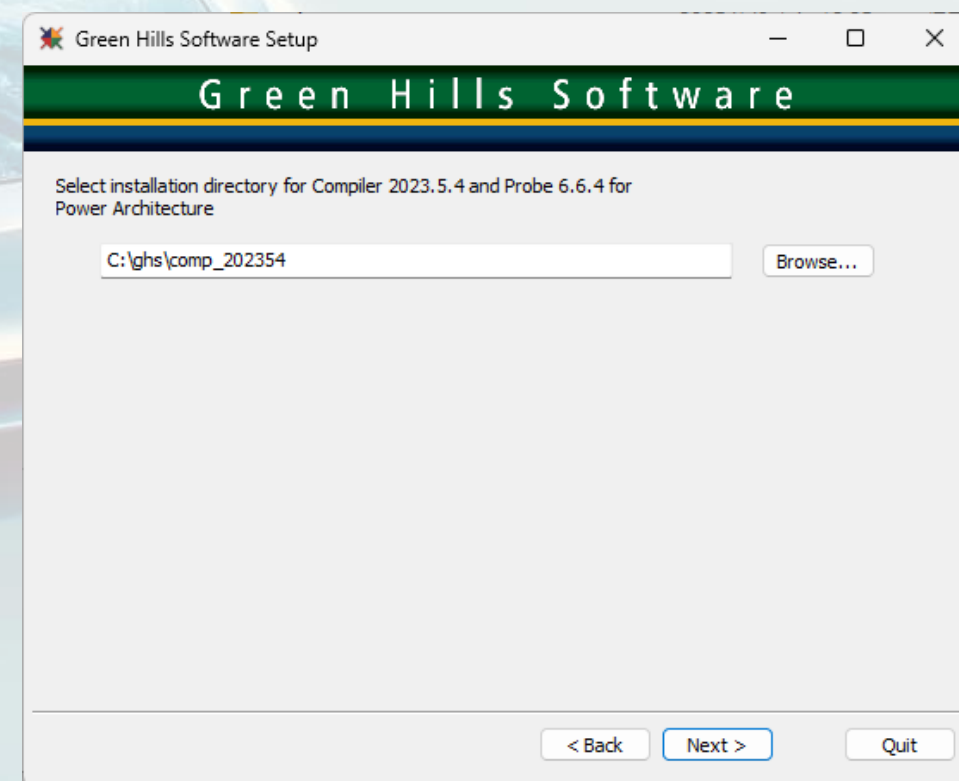
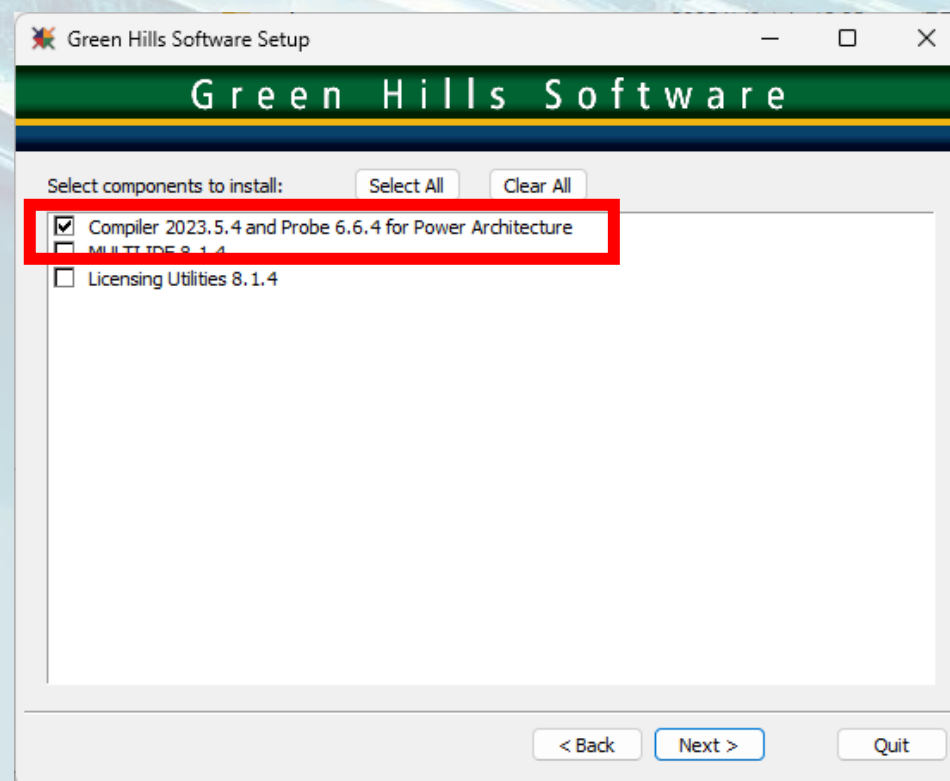
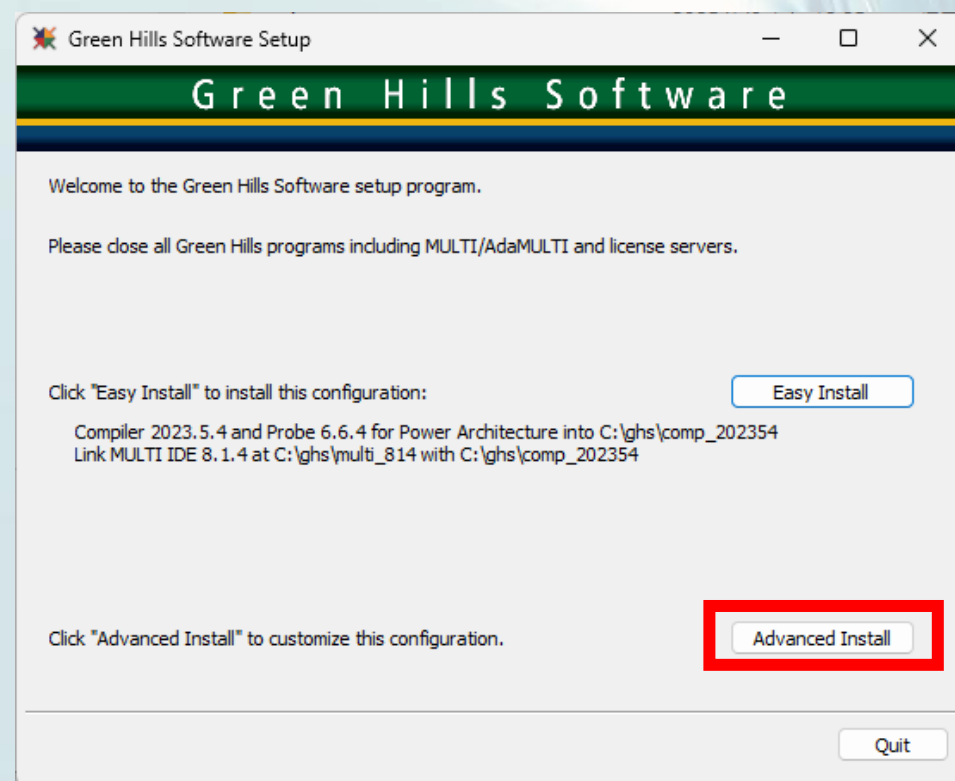


■ 安裝GHS產品

注意：安裝檔所在路徑及軟體安裝路徑皆請勿使用中文，請使用英文或數字命名，以避免安裝或執行時發生異常。

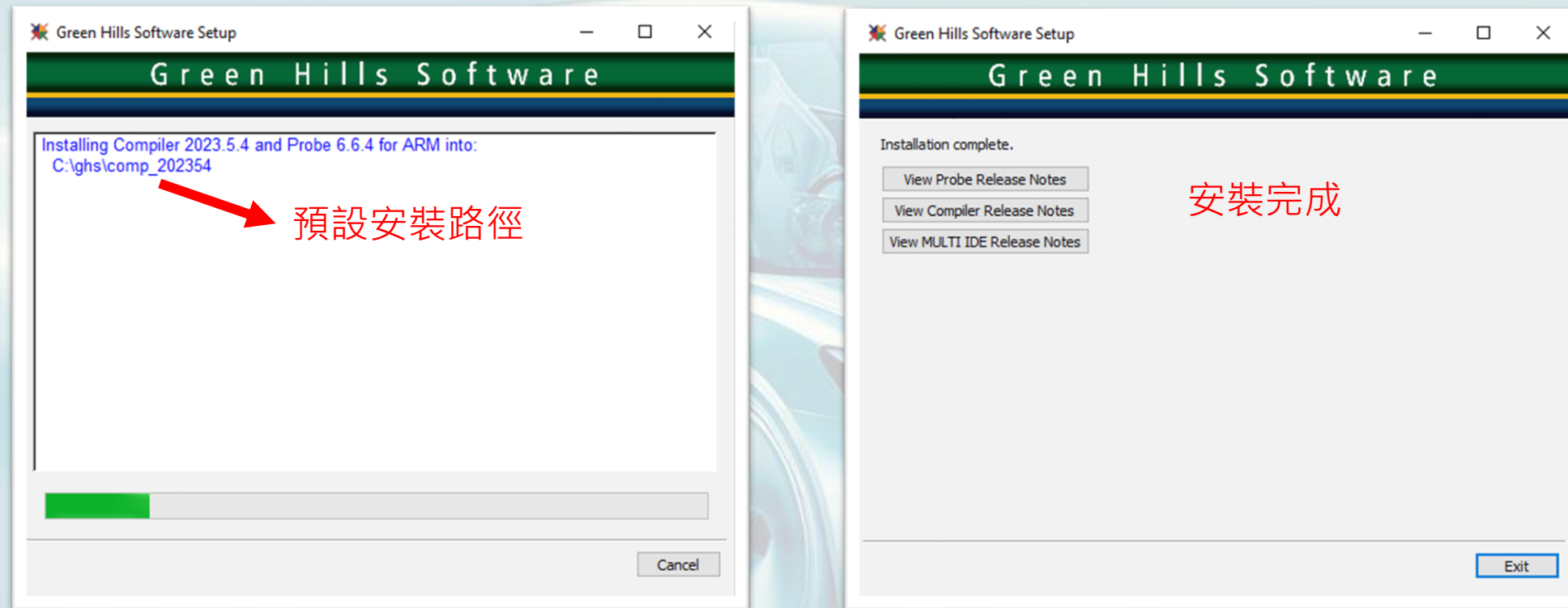
※ GHS 編譯器針對不同晶片核心架構有不同的安裝檔案，如ARM、RH850、PowerPC。
如需要安裝不同核心架構檔案，可安裝在同一目錄下即可。

選擇Advanced Install，如先前已經有安裝過GHS MULTI IDE等相關主程式，可只選擇安裝Compiler即可

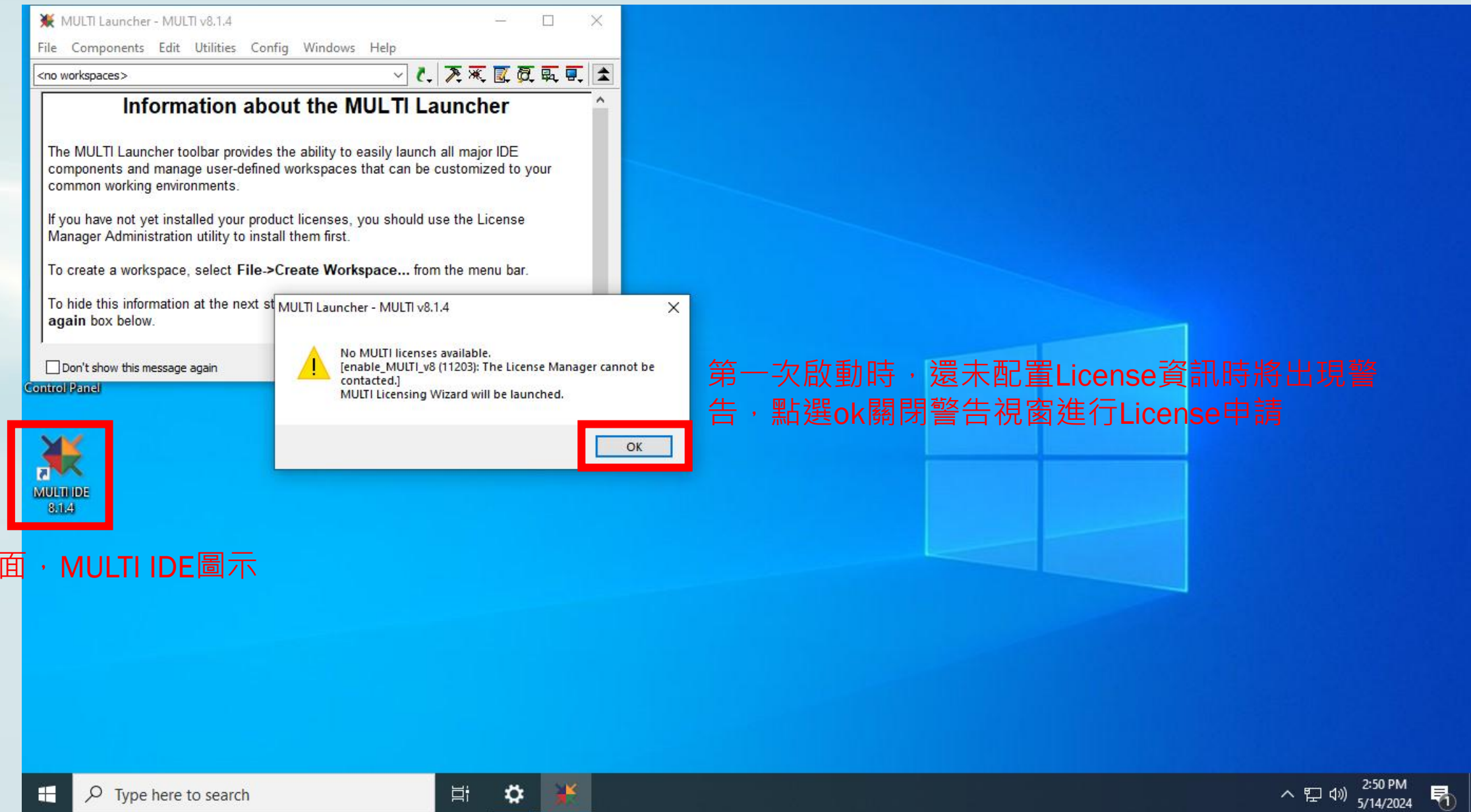


■ 安裝GHS產品

注意：安裝檔所在路徑及軟體安裝路徑皆請勿使用中文，請使用英文或數字命名，以避免安裝或執行時發生異常。



■ 啟動GHS產品



點選桌面，MULTI IDE圖示

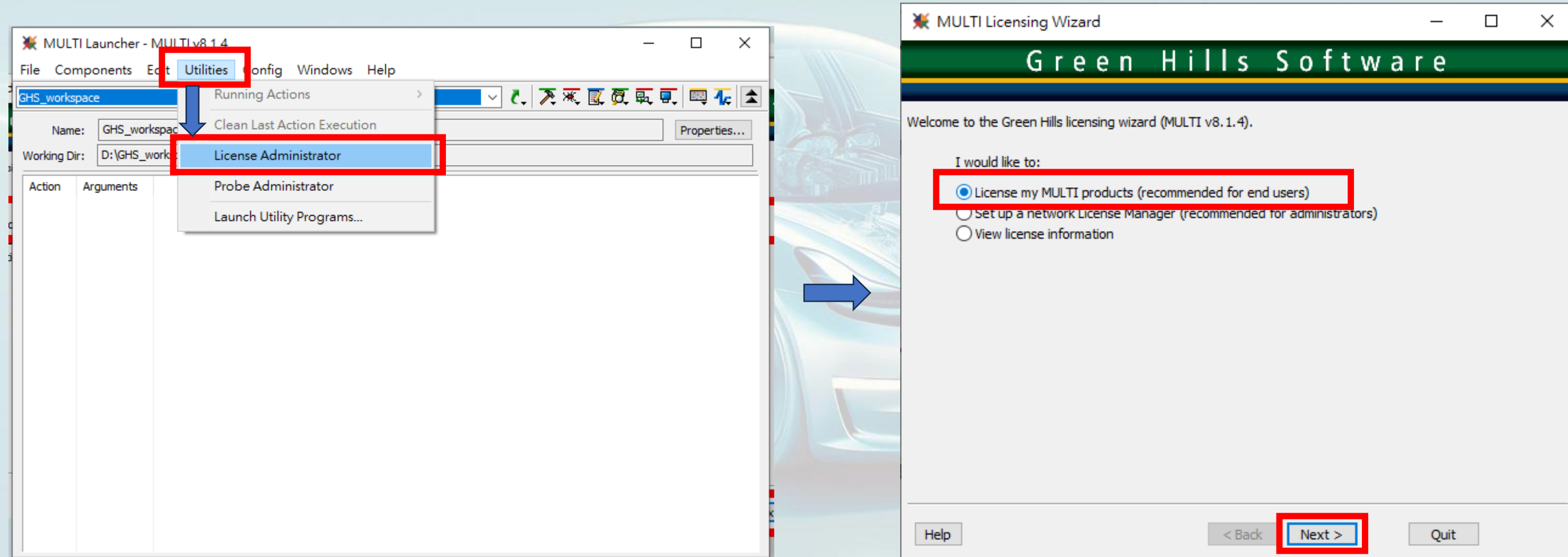
第一次啟動時，還未配置License資訊時將出現警告，點選ok關閉警告視窗進行License申請

■ GHS License啟用申請 – none Floating license

- 
- **None-Floating license(含Dongle License)**
 - **Floating license**

※ 請根據對應的需求參考相關章節

■ GHS License啟用申請 – None-Floating license



■ GHS License啟用申請 – None-Floating license

MULTI Licensing Wizard

Green Hills Software

I would like to:

- ☒ Request computer-locked licenses from Green Hills
- ☐ Request dongle-locked licenses from Green Hills
- ☐ Install a computer- or dongle-locked license file
- ☐ Specify the network location of License Managers

Help < Back Next > Quit

※根據購買的 License 類型進行選擇

MULTI Licensing Wizard

Green Hills Software

I would like to:

- ☐ Request licenses online (Internet access and a browser required)
- ☒ Create a license request to e-mail, fax, or mail

By requesting licenses, the licensee authorizes release of their contact information to Green Hills Software for license administration purposes

Help < Back Next > Quit

※ Dongle license 請參考綠框

■ GHS License啟用申請 – None-Floating license

License Request Generator

Name*

Job Title

Group

Manager

Telephone* Fax

E-mail*

Company*

Address 1*

Address 2

City* State/Province*

Postal Code* Country*

* fields are required

< Back Next > Cancel



License Request Generator

Number of Licenses

※根據購買的 License 類型進行選擇

License Availability:

☒ Computer-locked: license will be locked to this computer

☐ Dongle-locked: license will be locked to a dongle
Dongle Label:

☐ Host Managed: floating licenses distributed by this computer

☐ Named-user: licenses distributed by this computer based on user name

Special notes to Green Hills license administration staff:

< Back Next > Cancel

※申請時請填寫必要資訊，並持續下一步驟
※Dongle license 請參考綠框

■ GHS License啟用申請 – None-Floating license

License Request Generator

License Type: Product Name MULTI IDE 8.1.4, Compiler 2023.5.4 and Probe 6.6.4 Target(s): TriCore

☒ Evaluation

☐ Purchased (Permanent or Subscription)
(Purchase Order Required)
Purchase Order Number:

☐ Partner

☐ Special
Code:

☐ Other

< Back **Next >** Cancel

License Request Generator

copyright, and Green Hills agrees to defend any claim, action, or suit that may be brought against Licensee for patent or copyright infringement by reason of Licensee's use of such license, and Green Hills also agrees to indemnify Licensee and hold Licensee harmless against all claims, judgments, decrees, damages, costs, and expenses recovered against Licensee or sustained by Licensee on account of any such actual or alleged infringement.

8. Miscellaneous

The terms of this 30 Day Evaluation License Agreement may be modified only in writing signed by Green Hills and by Licensee. This 30 Day Evaluation License Agreement represents the entire agreement between the parties with respect to the use of the Licensed Programs and supersedes any previous oral or written communications, representations, understandings, or agreements with respect thereto. No provision appearing on any purchase order, quotation form or other form originated by either party shall be applicable unless such provisions are expressly accepted in writing by both parties. Fees specified in this agreement are exclusive of sales and use taxes. Licensee shall pay any sales or use tax imposed as a result of the existence or operation of this agreement. Any dispute under this 30 Day Evaluation License Agreement shall be submitted to binding arbitration in Los Angeles County, California, under the rules then prevailing of the American Arbitration Association. Judgment upon any award made in such arbitration may be entered and enforced in any court of competent jurisdiction. This 30 Day Evaluation License Agreement shall be governed by the laws of the State of California, U.S.A. Any judicial action taken by either party shall have its venue only in Los Angeles County, State of California, U.S.A, in the State or Federal Court having jurisdiction of the subject matter of the action. The prevailing party in any legal action brought to enforce or interpret this Agreement or for damages for its breach shall be entitled to an award of reasonable attorney's fees. If any provision hereof is invalid under any applicable statute or rule of law, it shall to that extent be deemed to be omitted. The waiver by any party to this 30 Day Evaluation License Agreement of any default or breach of the 30 Day Evaluation License Agreement shall not constitute a waiver of any subsequent default or breach of the same or of a different kind.

Do you accept the terms of the preceding license agreement?

< Back **Yes >** Cancel

※請確認 Product Name 選擇到想申請的產品項目(當您有多個時)
Purchase Order Number => 請洽 Jotactic 業務索取

■ GHS License啟用申請 – None-Floating license

License Request Generator

Submit this request to license@ghs.com or fax to +1 (805) 965-6343.

and non-exclusive license ("the License") to use the computer programs: Green Hills C/C++ Compilers and MULTI(r) ("the Licensed Programs"), on the following terms and conditions:

1. Consideration

For and in consideration of receiving the License, Licensee agrees to evaluate the Licensed Programs for the sole purpose of making a purchase decision, and to report to Green Hills problems encountered in their use. Licensee also agrees to prevent the disclosure of any and all results of Licensee's use of Licensed Programs, including but not limited to, space performance, time performance, compile time performance, new features, bug fixes, defects, Bugs, documentation improvements, documentation errors, user interface, competitive analysis, comparison with competing products, etc.

2. Ownership of Licensed Programs

Title and full ownership rights to the Licensed Programs under this 30 Day Evaluation License Agreement, including any installation, operations, or other manuals,

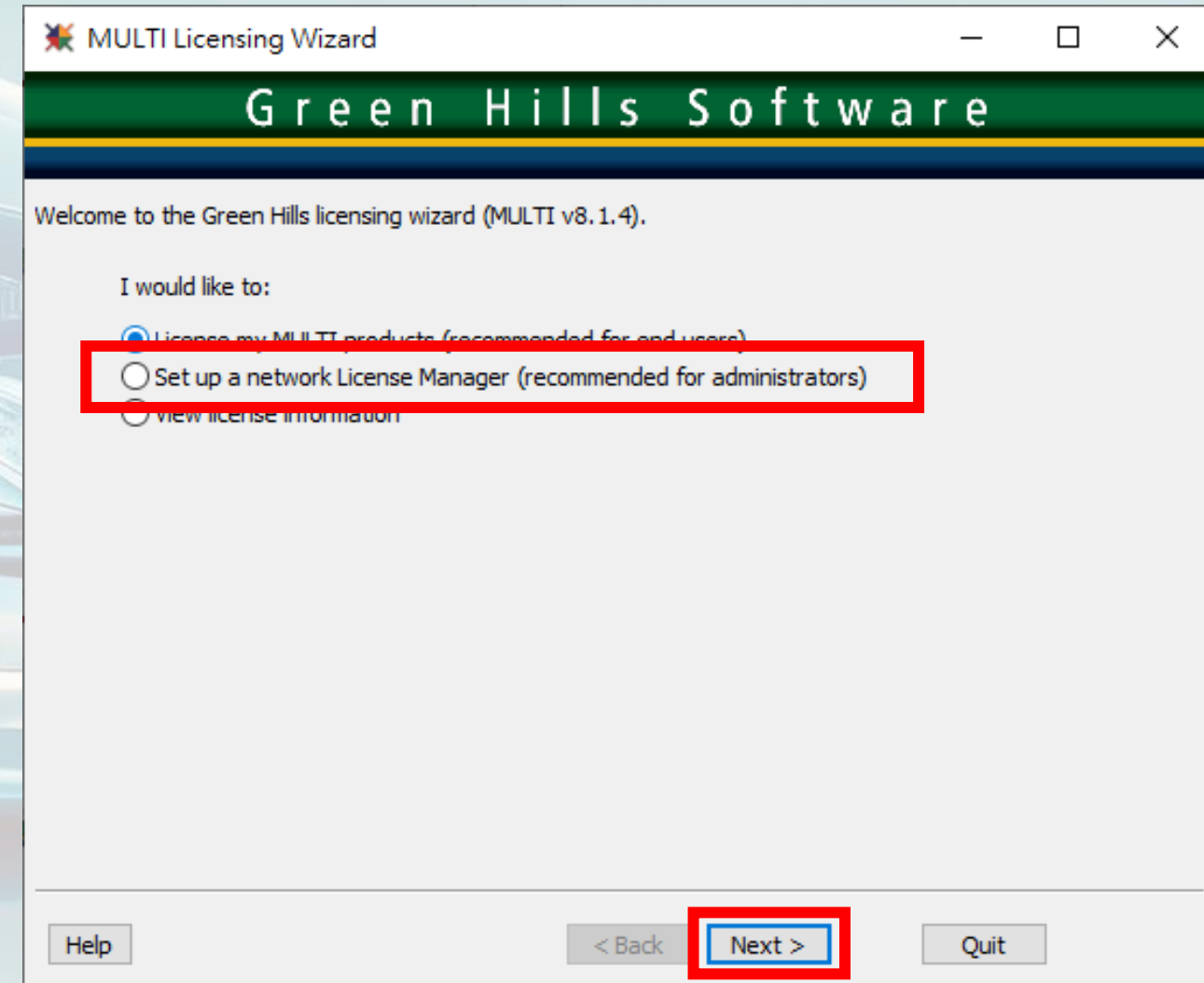
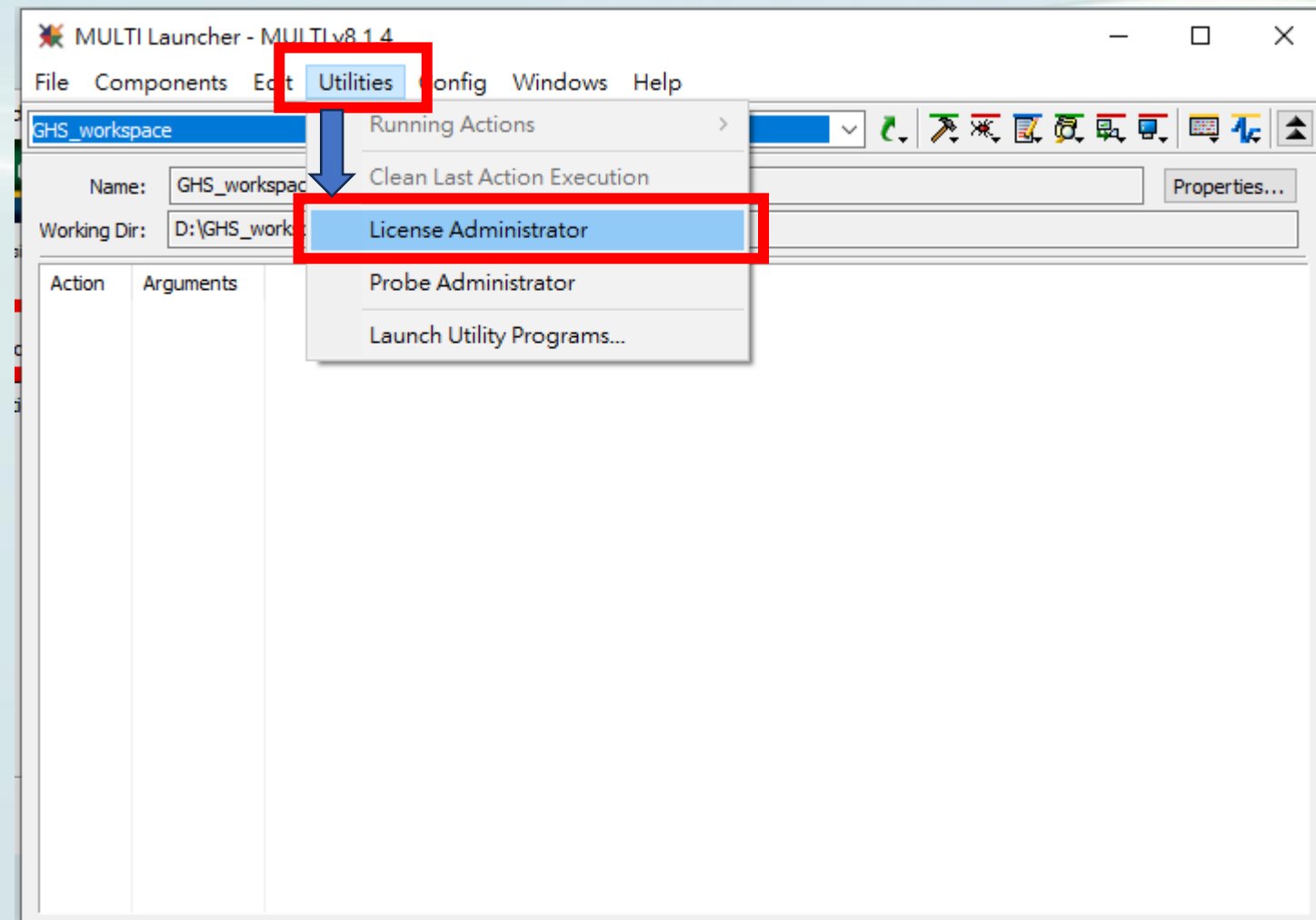
Print... Send... **Save To File...**

< Back Next > Cancel

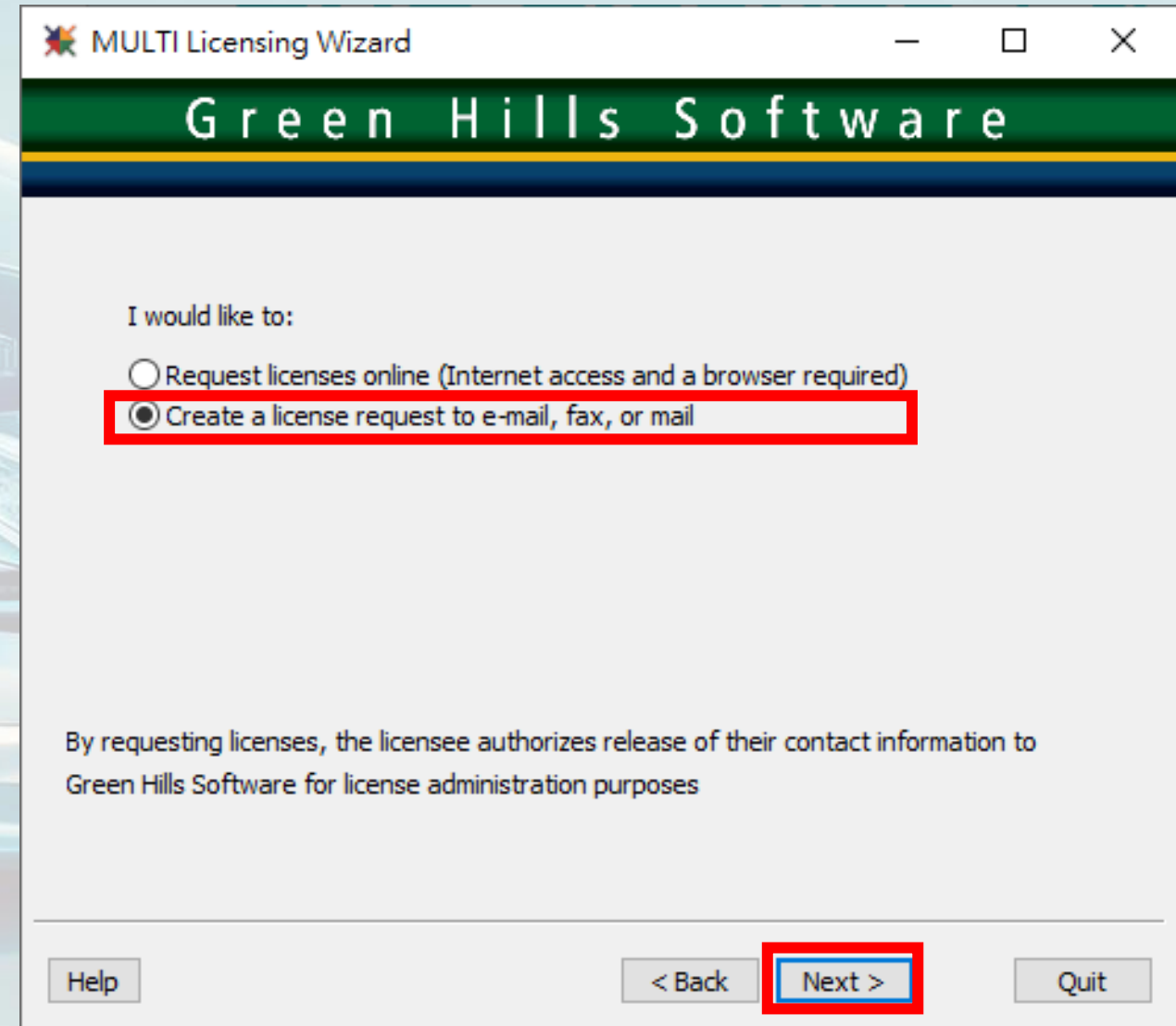
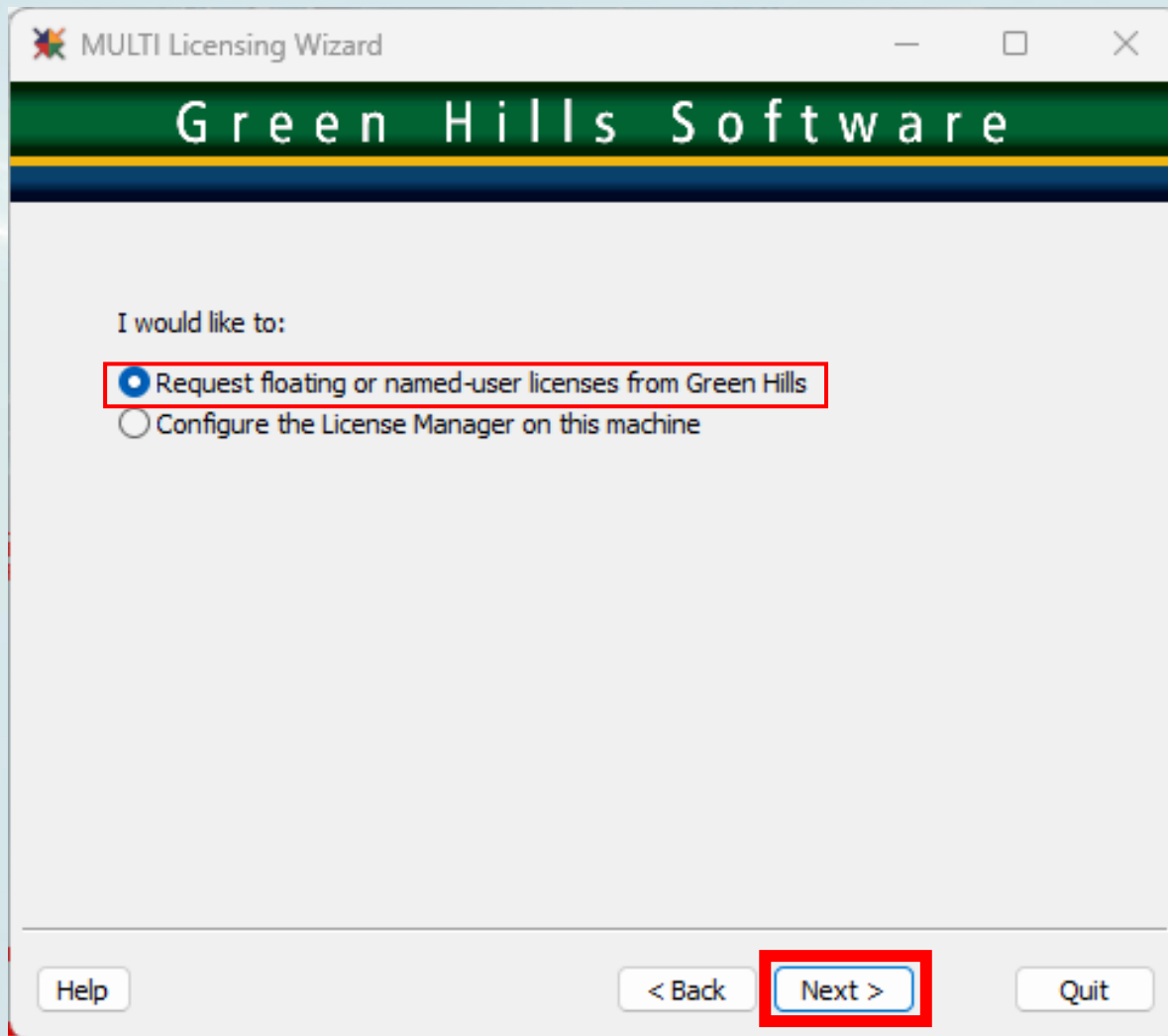


確認填寫資訊無誤，將資訊存檔並發予捷策動能產品窗口
alexander@jotactic.com
mandy.shen@jotactic.com
frank.huang@jotactic.com

■ GHS License啟用申請 – Floating license



■ GHS License啟用申請 – Floating license



■ GHS License啟用申請 – Floating license

License Request Generator

Name*

Job Title

Group

Manager

Telephone* Fax

E-mail*

Company*

Address 1*

Address 2

City* State/Province*

Postal Code* Country*

* fields are required

< Back Next > Cancel



License Request Generator

Number of Licenses

License Availability:

☐ Computer-locked: license will be locked to this computer

☐ Dongle-locked: license will be locked to a dongle

Dongle Label:

☒ Host Managed: floating licenses distributed by this computer

☐ Named-user: licenses distributed by this computer based on user name

Special notes to Green Hills license administration staff:

< Back Next > Cancel

※申請時請填寫必要資訊，並持續下一步驟

■ GHS License啟用申請 – Floating license

License Type: Product Name MULTI IDE 8.1.4, Compiler 2023.5.4 and Probe 6.6.4 Target(s): ARM

☐ Evaluation

☒ Purchased (Permanent or Subscription)
(Purchase Order Required)
Purchase Order Number:
JOP

☐ Partner

☐ Special
Code:
N/A

☐ Other

< Back Next > Cancel

License Request Generator

Submit this request to license@ghs.com or fax to +1 (805) 965-6343.

This is a request to use MULTI and the other Green Hills tools. Submit this request to license@ghs.com or fax to +1 (805) 965-6343.

Product: MULTI IDE 8.1.4, Compiler 2023.5.4 and Probe 6.6.4
Target(s): ARM
Debug Server: see PO

License Availability: Host Managed
License Number: 1
License Type: Permanent/Subscription
PO Number: JOP
System Name:
OS: Windows 11
Server Code:

Customer Information:
Name: Test1
Job Title:
Group:
Manager:
Phone: 0123456789
Fax:
E-mail: Test1@email
Company: Test1
Address 1: Test1
Address 2: Test1
City: Test1

Print... Send... Save To File...

< Back Next > Cancel

※請確認 Product Name 選擇到想申請的產品項目(當您有多個時)
Purchase Order Number => 請洽 Jotactic 業務索取

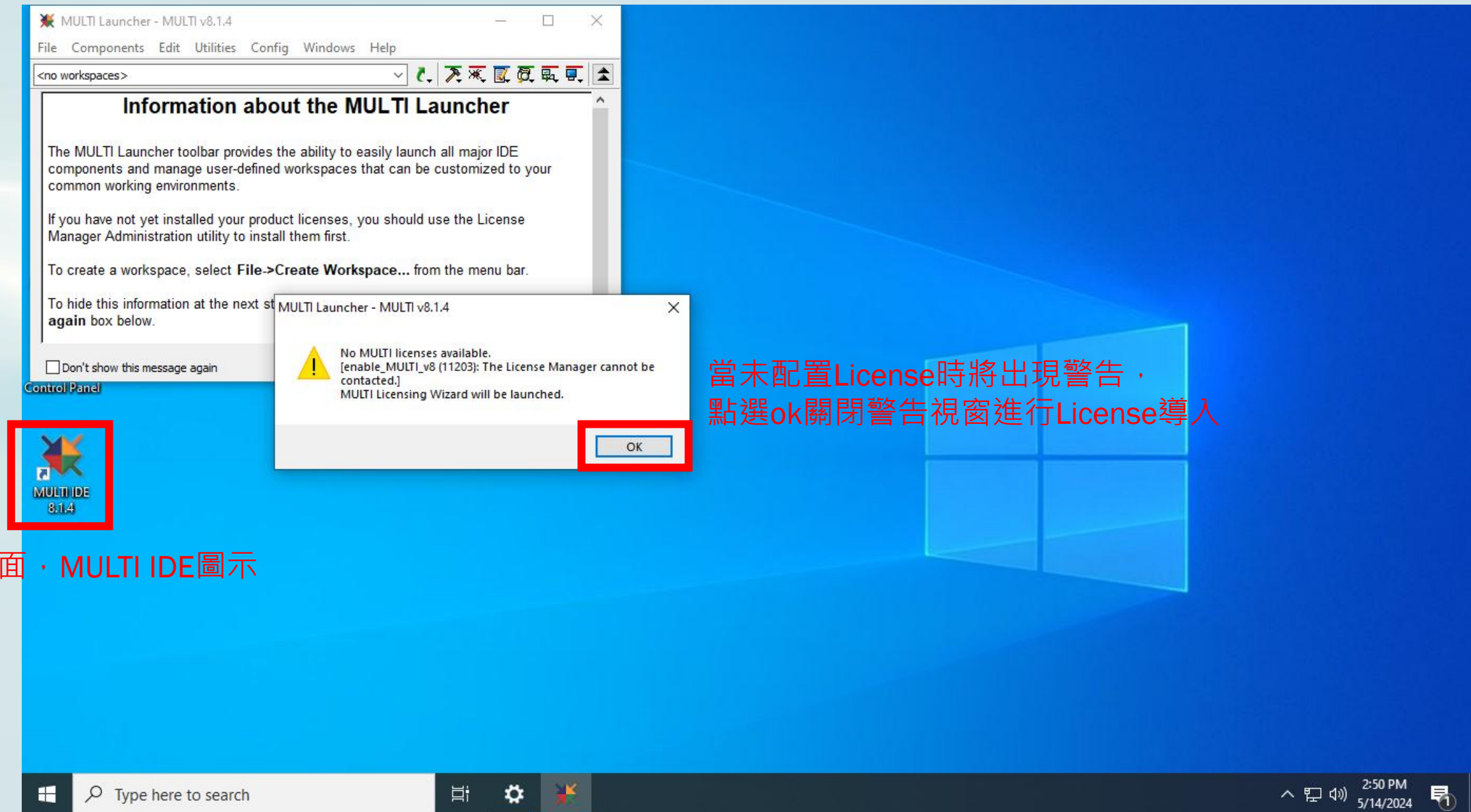
確認填寫資訊無誤，將資訊存檔並發予捷策動能產品窗口
alexander@jotactic.com
mandy.shen@jotactic.com
frank.huang@jotactic.com



■ GHS License 導入

- **None-Floating license**
- **Floating license**

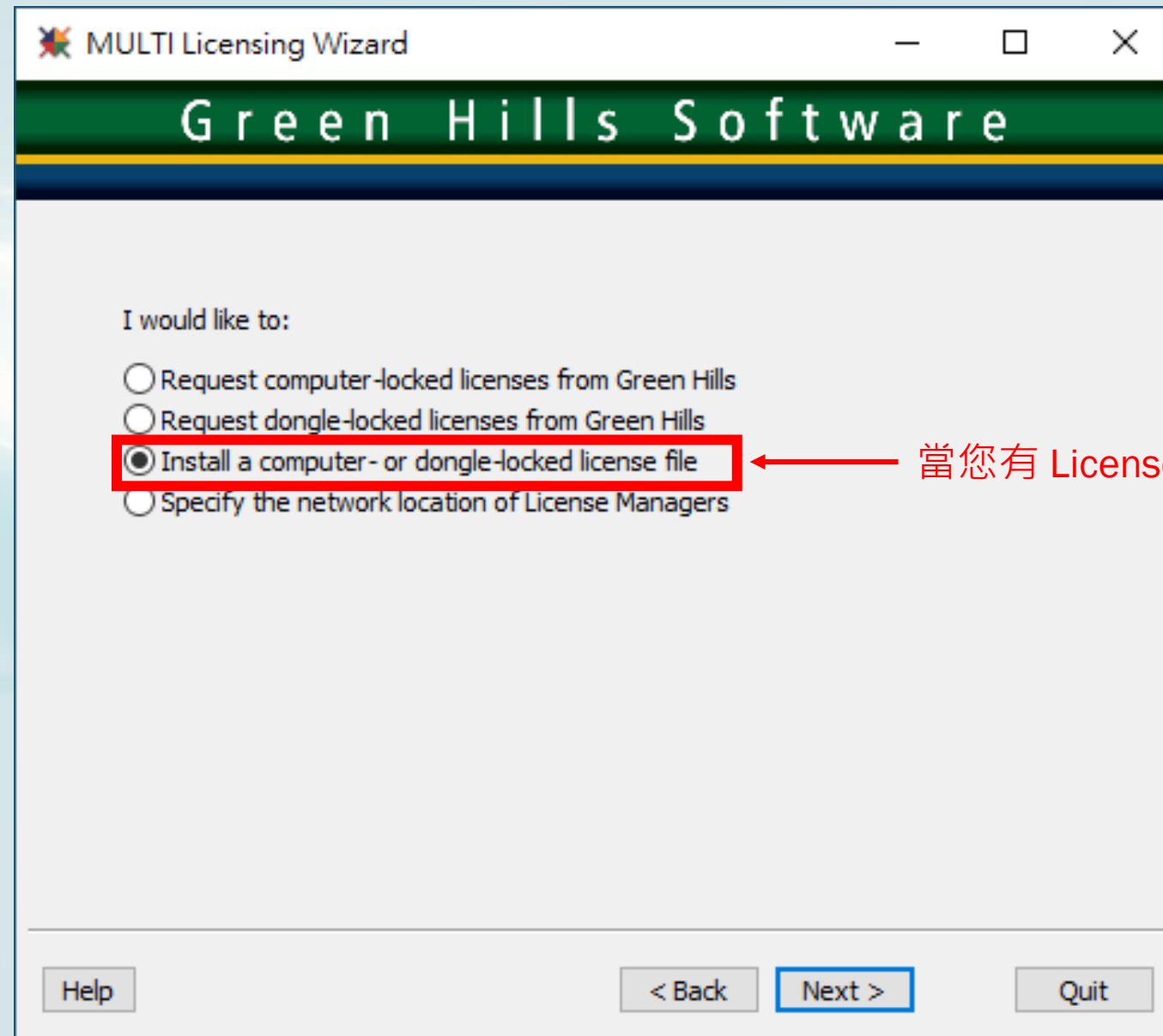
■ GHS License 導入



當未配置License時將出現警告，
點選ok關閉警告視窗進行License導入

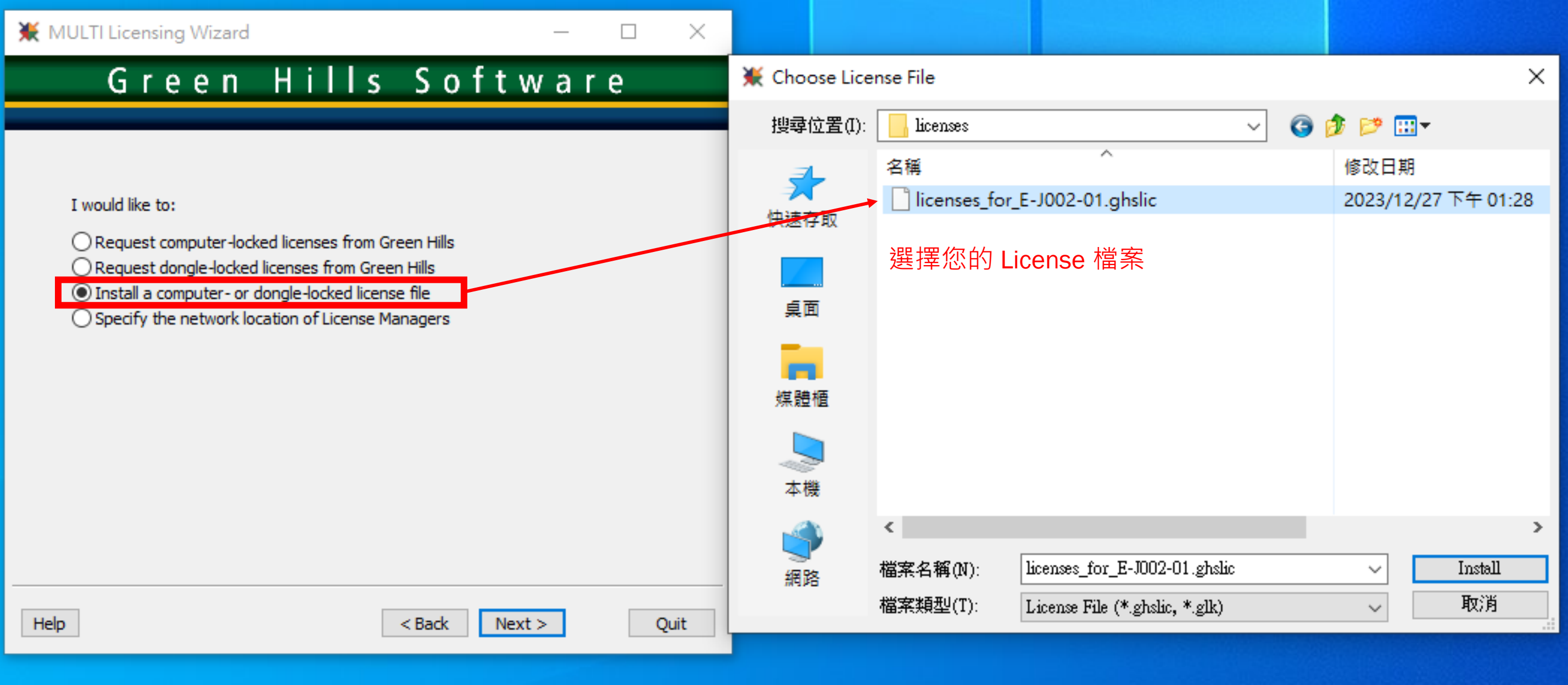
點選桌面，MULTI IDE圖示

GHS License 導入- None-Floating license



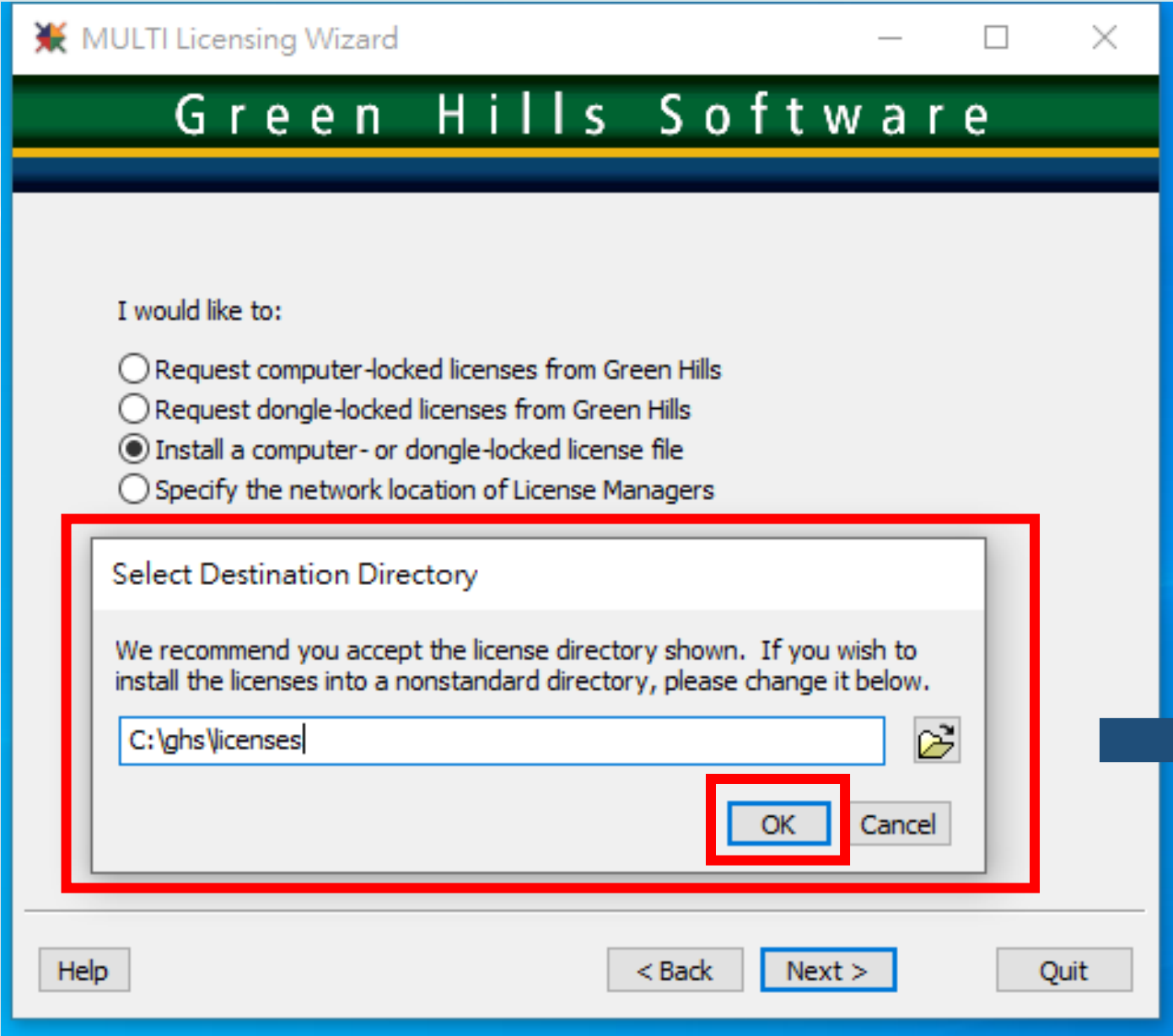
當您有 License 檔案時請選擇此項目

GHS License 導入- None-Floating license

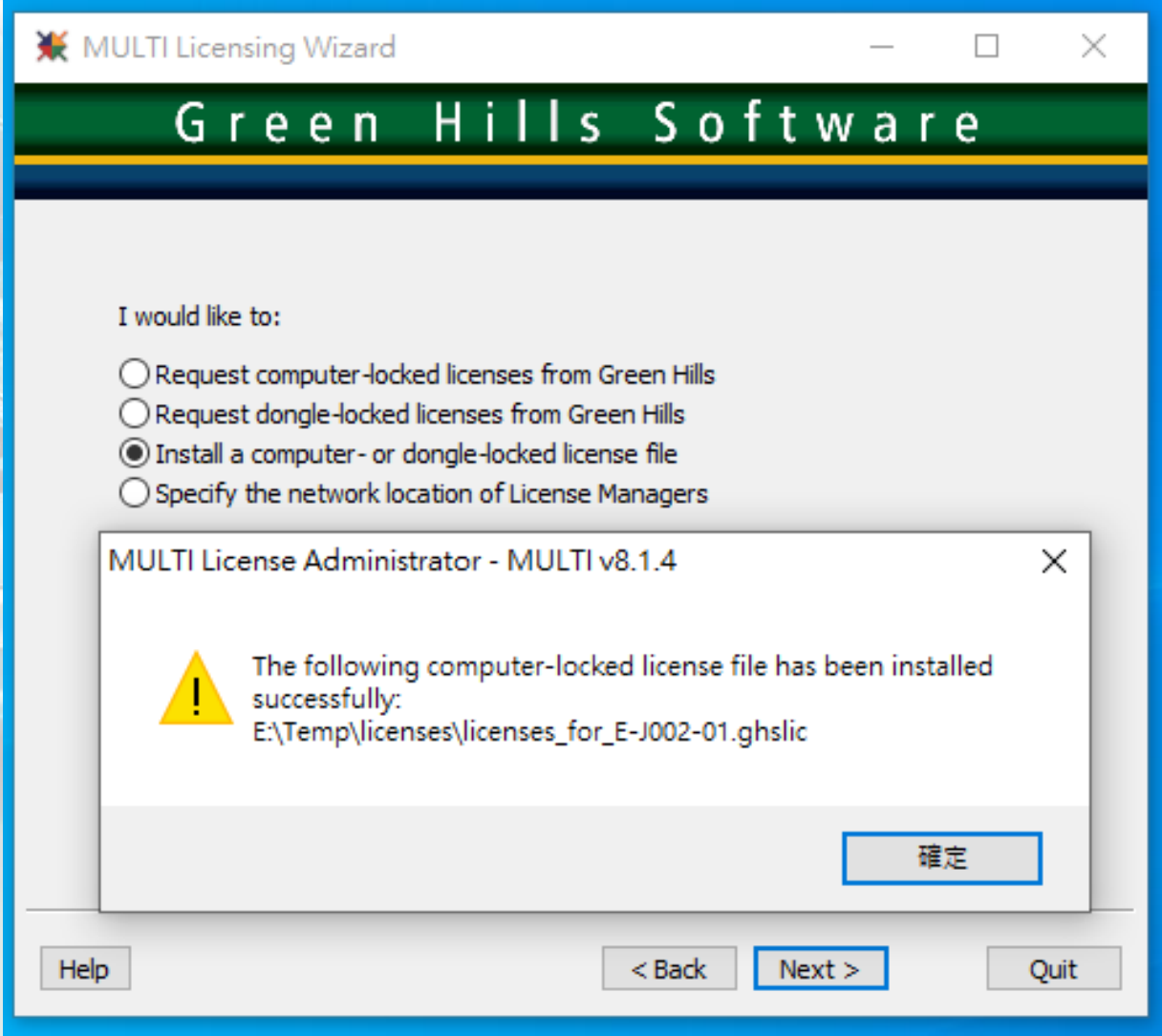


GHS License 導入- None-Floating license

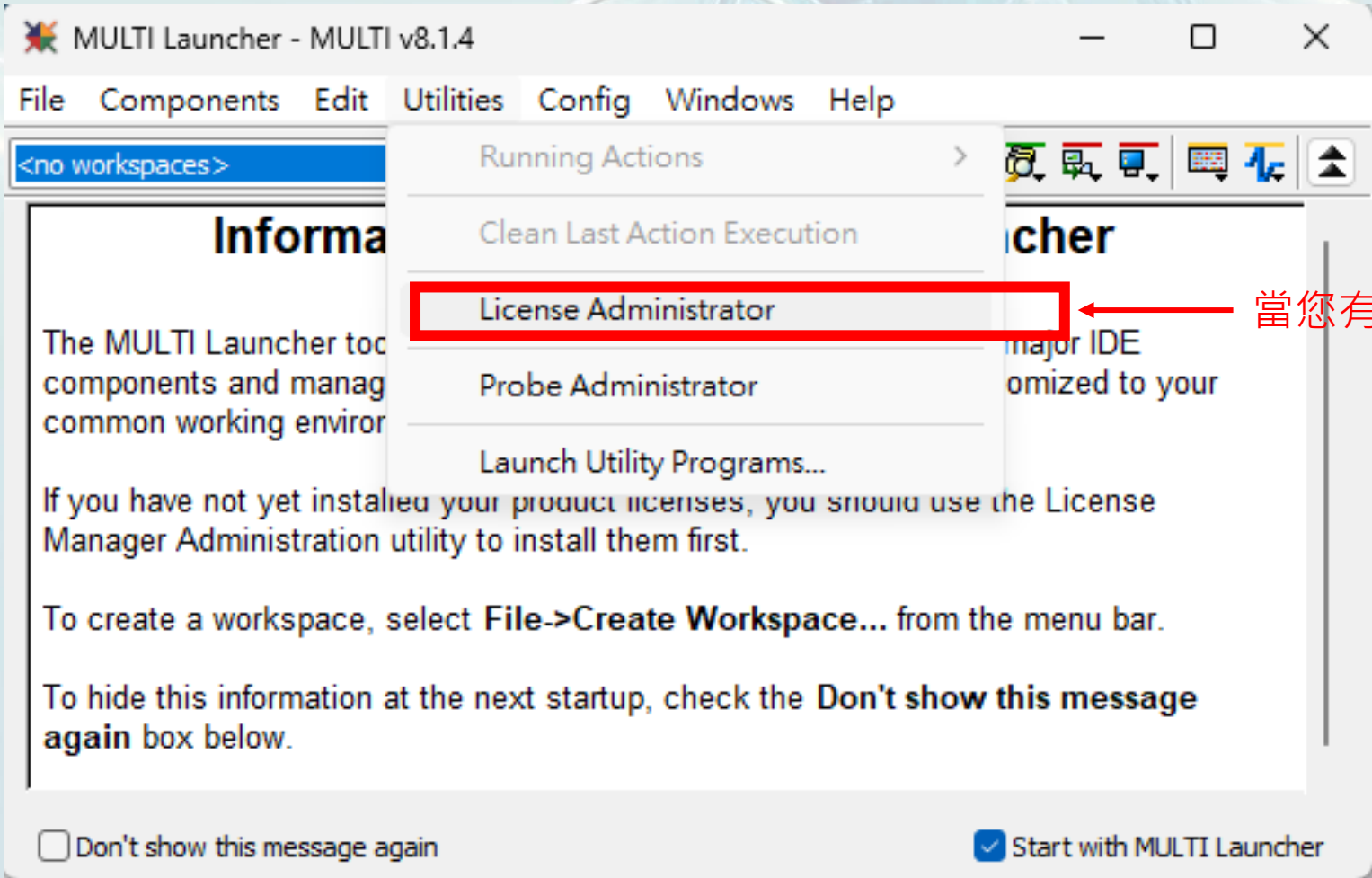
使用 GHS 推薦之目錄並選擇 OK



License導入成功資訊

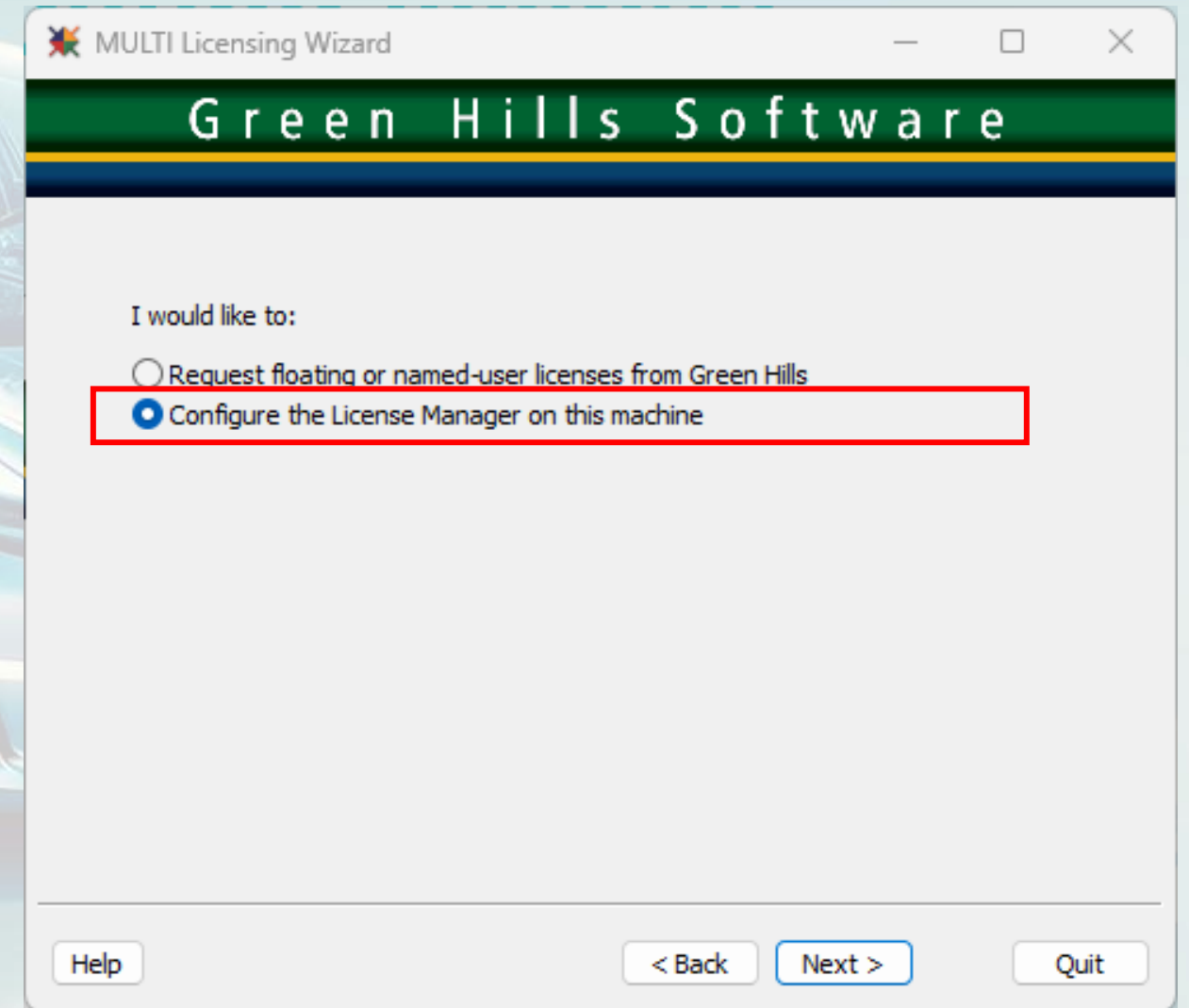
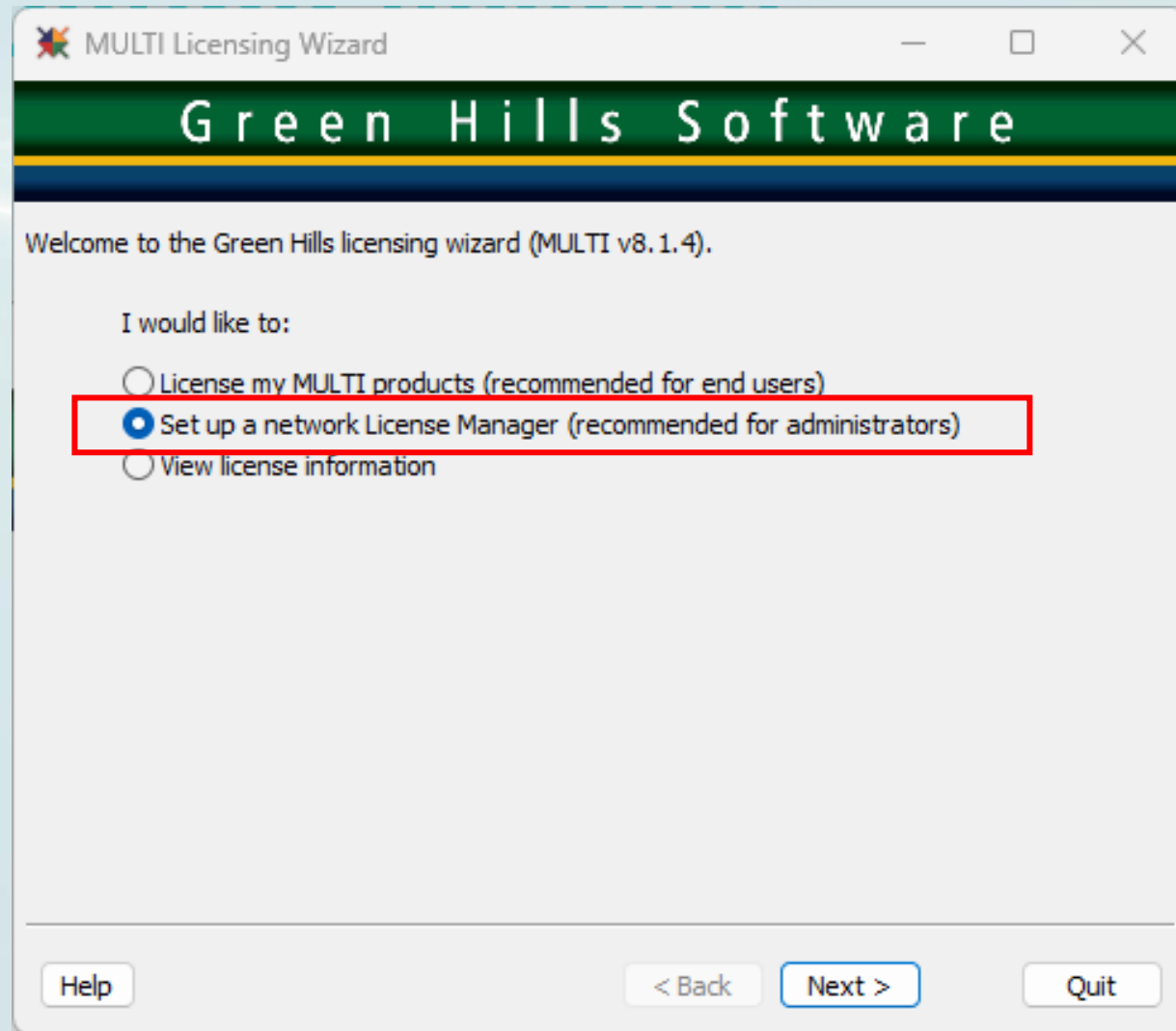


GHS License 導入- Floating license (Server)



當您有 License 檔案時請選擇此項目

GHS License 導入- Floating license (Server)



GHS License 導入- Floating license (Server)

License Manager Settings

License File:

Description:

Log File:

User Tracking File:

IP Addr Filter:

☐ Verbose Logging ☐ Log Host Name

The License Manager is not running



License Manager Settings

選擇您的 License 檔案

License File:

Description:

Log File:

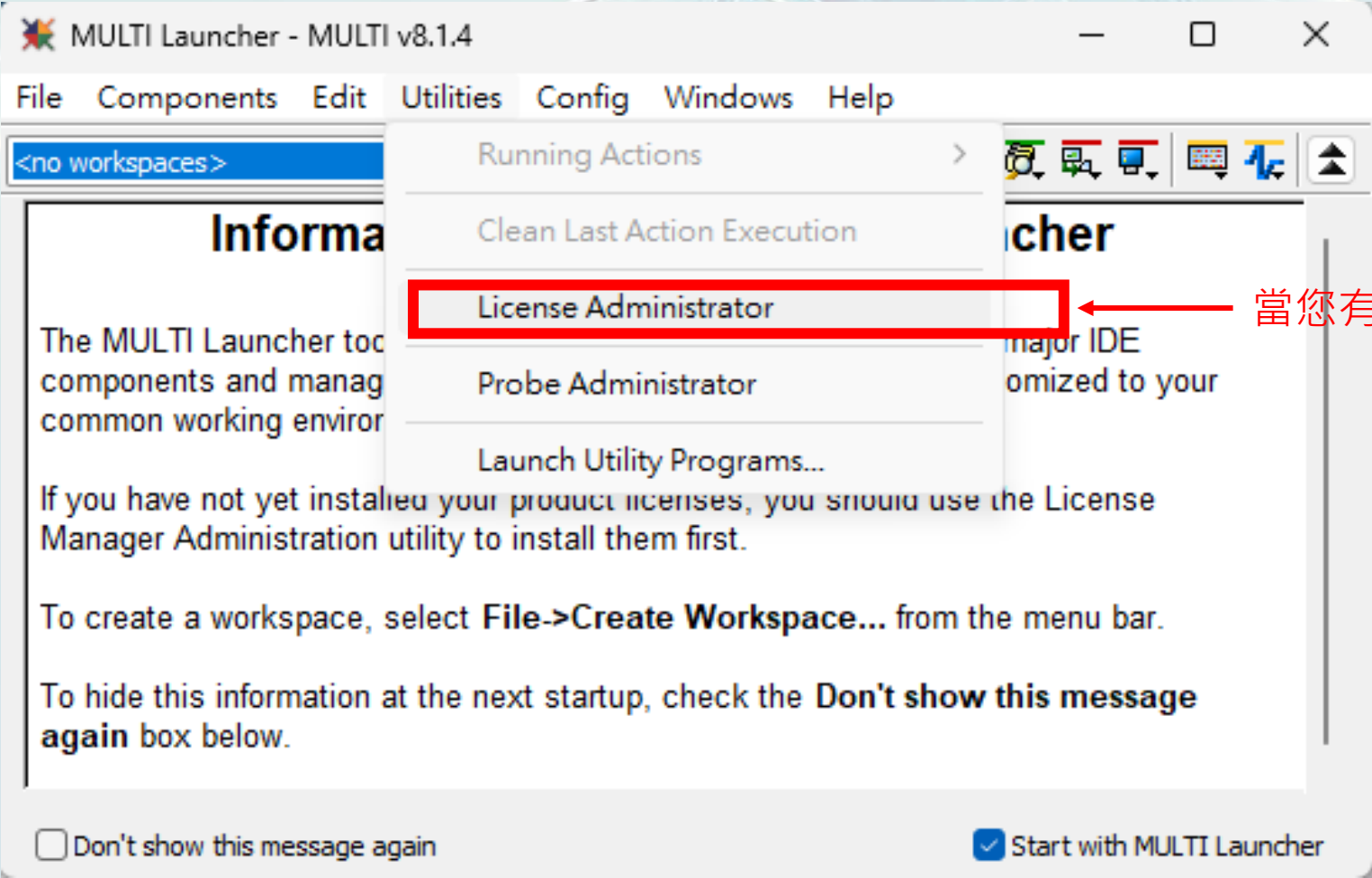
User Tracking File:

IP Addr Filter:

☐ Verbose Logging ☐ Log Host Name

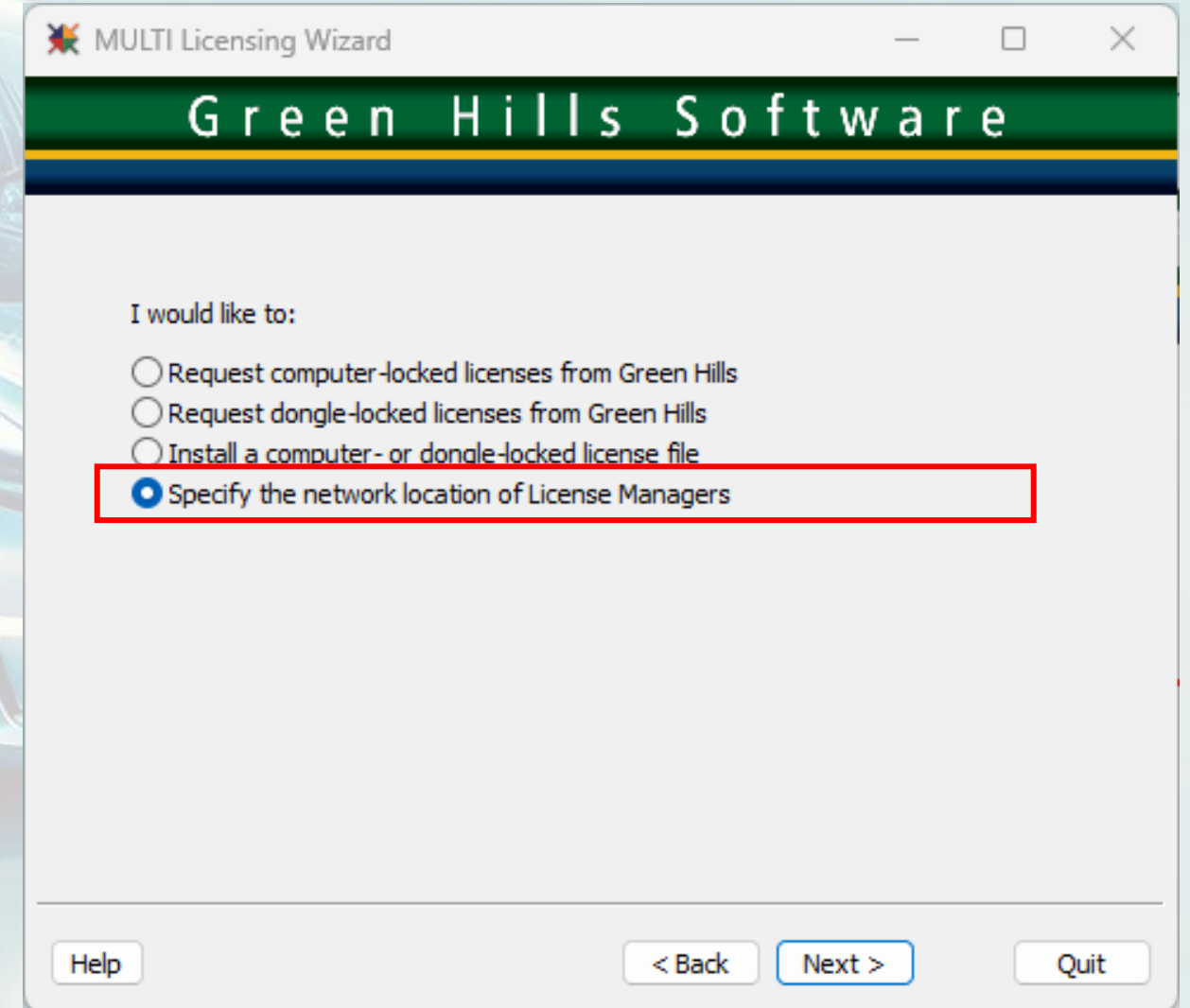
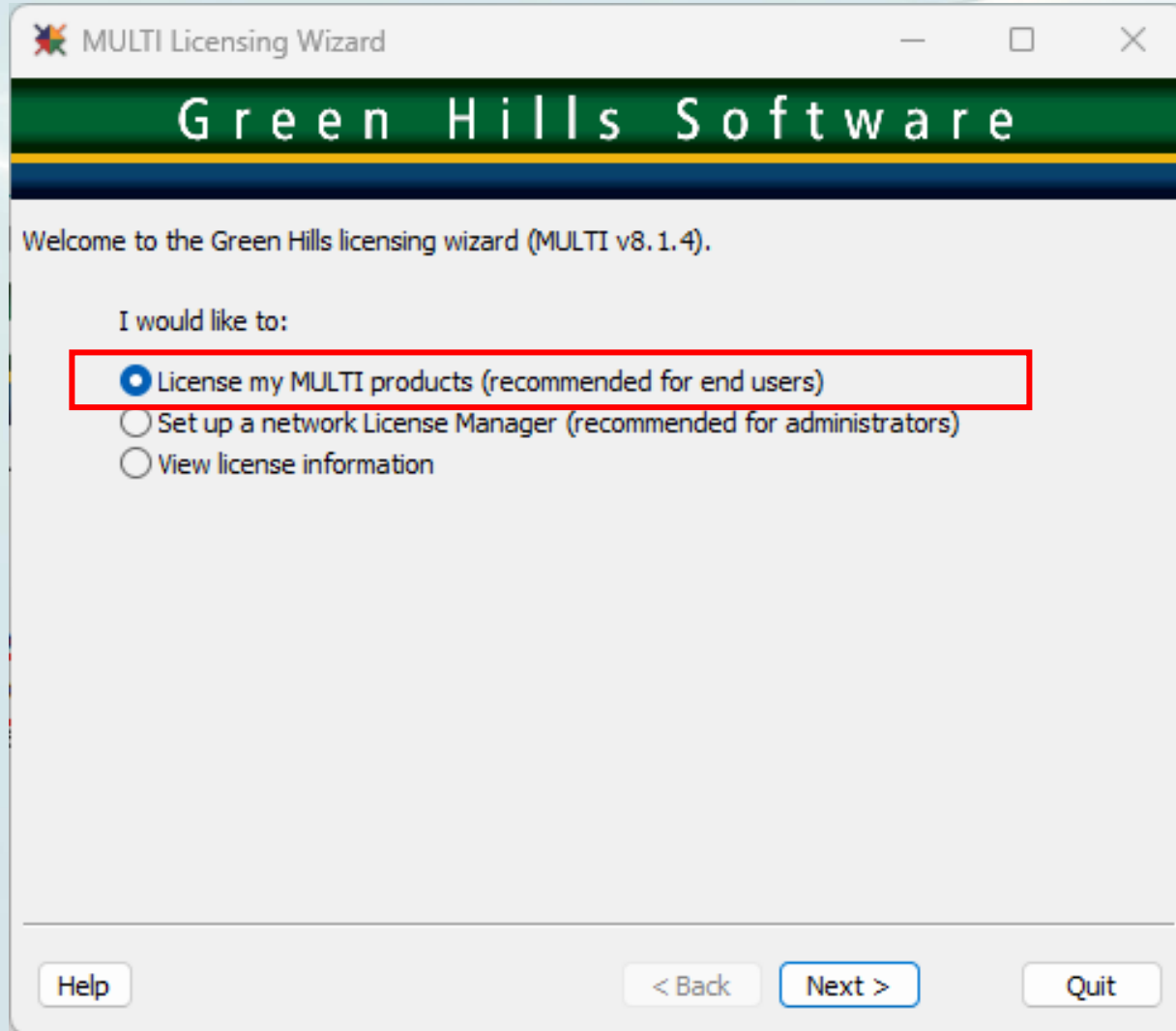
The License Manager is not running

GHS License 導入- Floating license (Client)

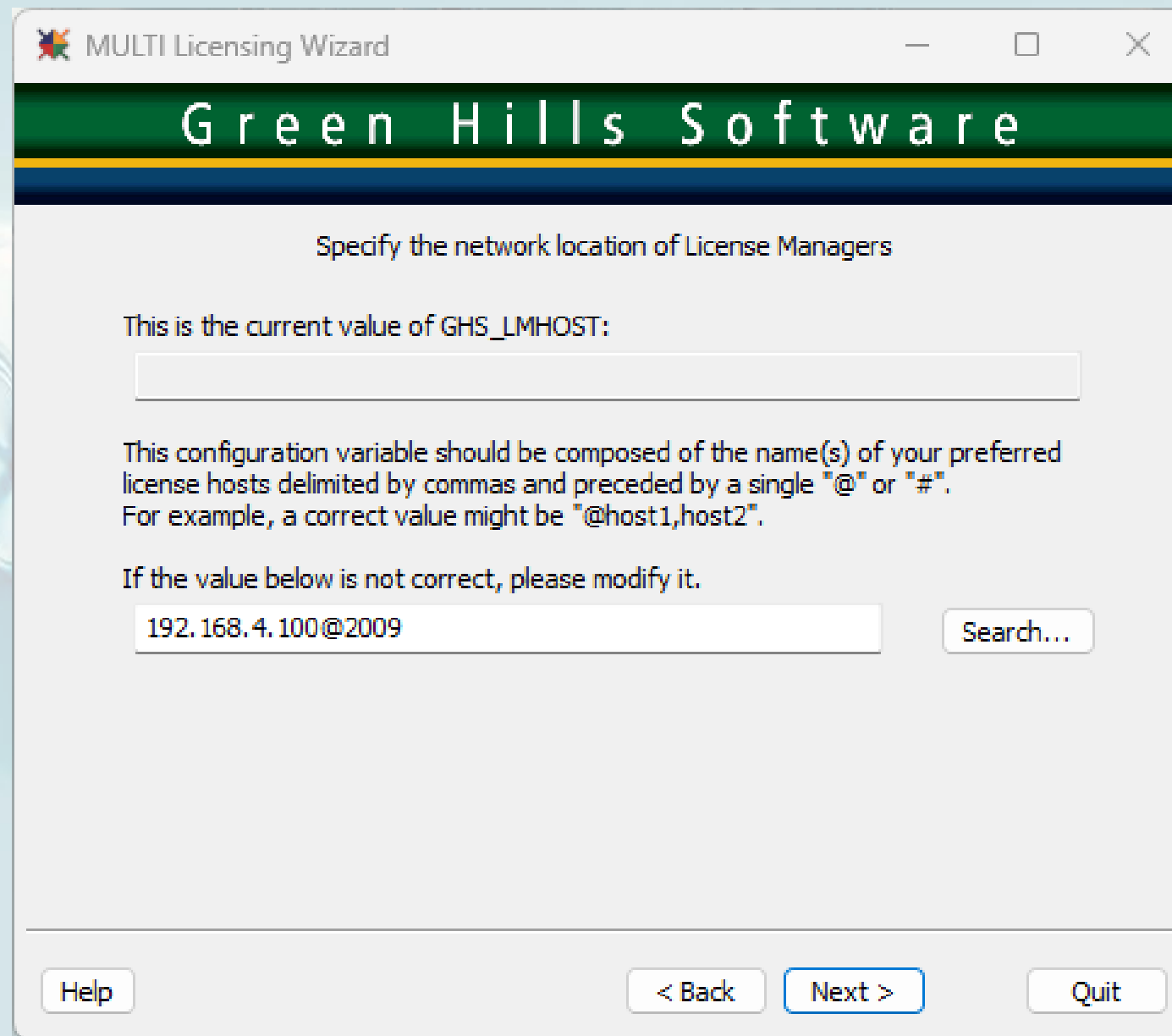


當您有 License 檔案時請選擇此項目

GHS License 導入- Floating license (Client)



GHS License 導入- Floating license (Client)



MULTI Licensing Wizard

Green Hills Software

Specify the network location of License Managers

This is the current value of GHS_LMHOST:

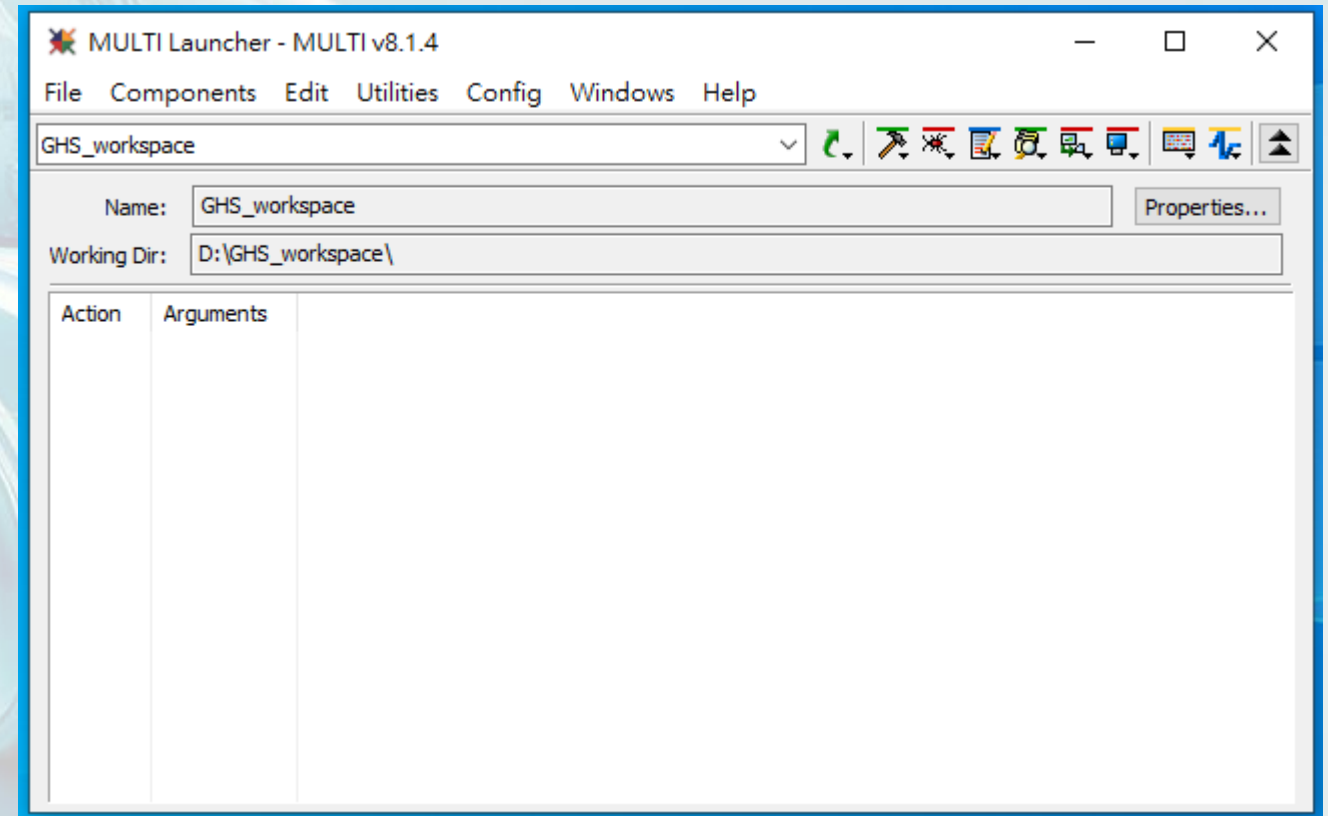
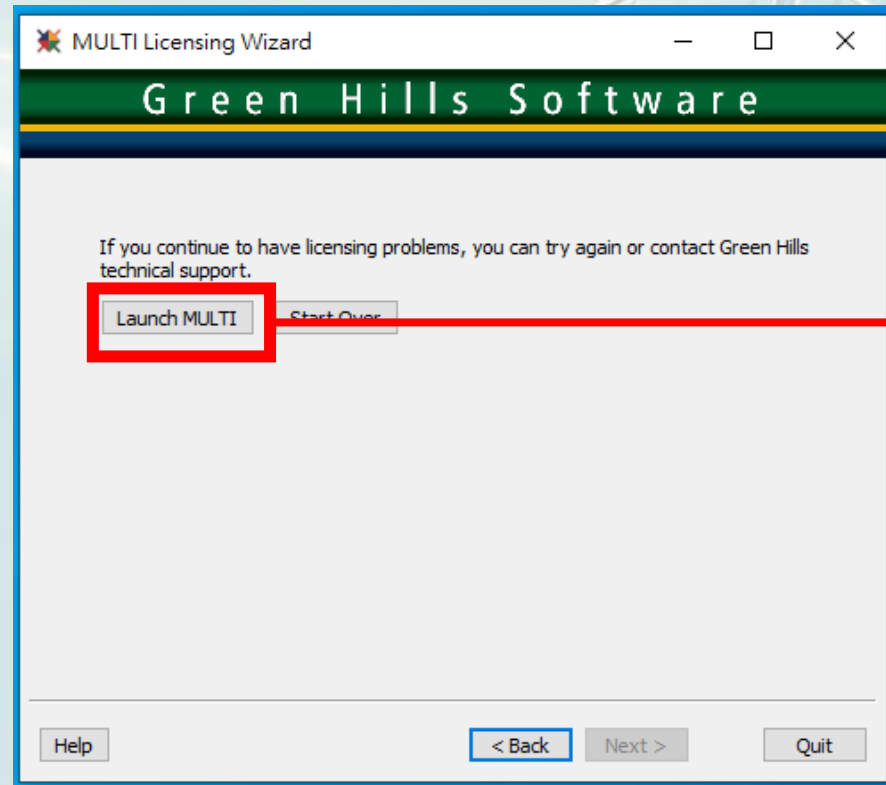
This configuration variable should be composed of the name(s) of your preferred license hosts delimited by commas and preceded by a single "@" or "#". For example, a correct value might be "@host1,host2".

If the value below is not correct, please modify it.

Help < Back Next > Quit

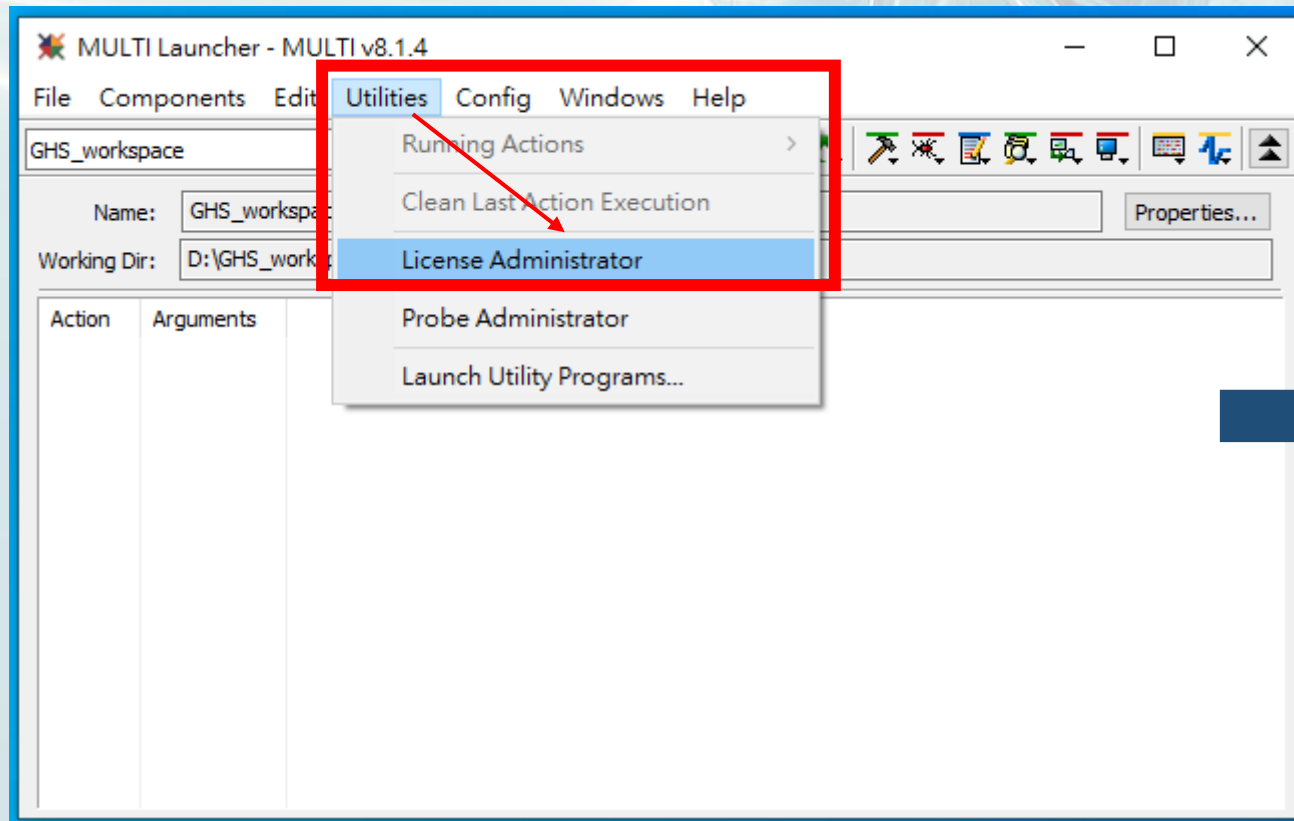
■ GHS License 查看

選擇 Launch MULTI 開啟軟體

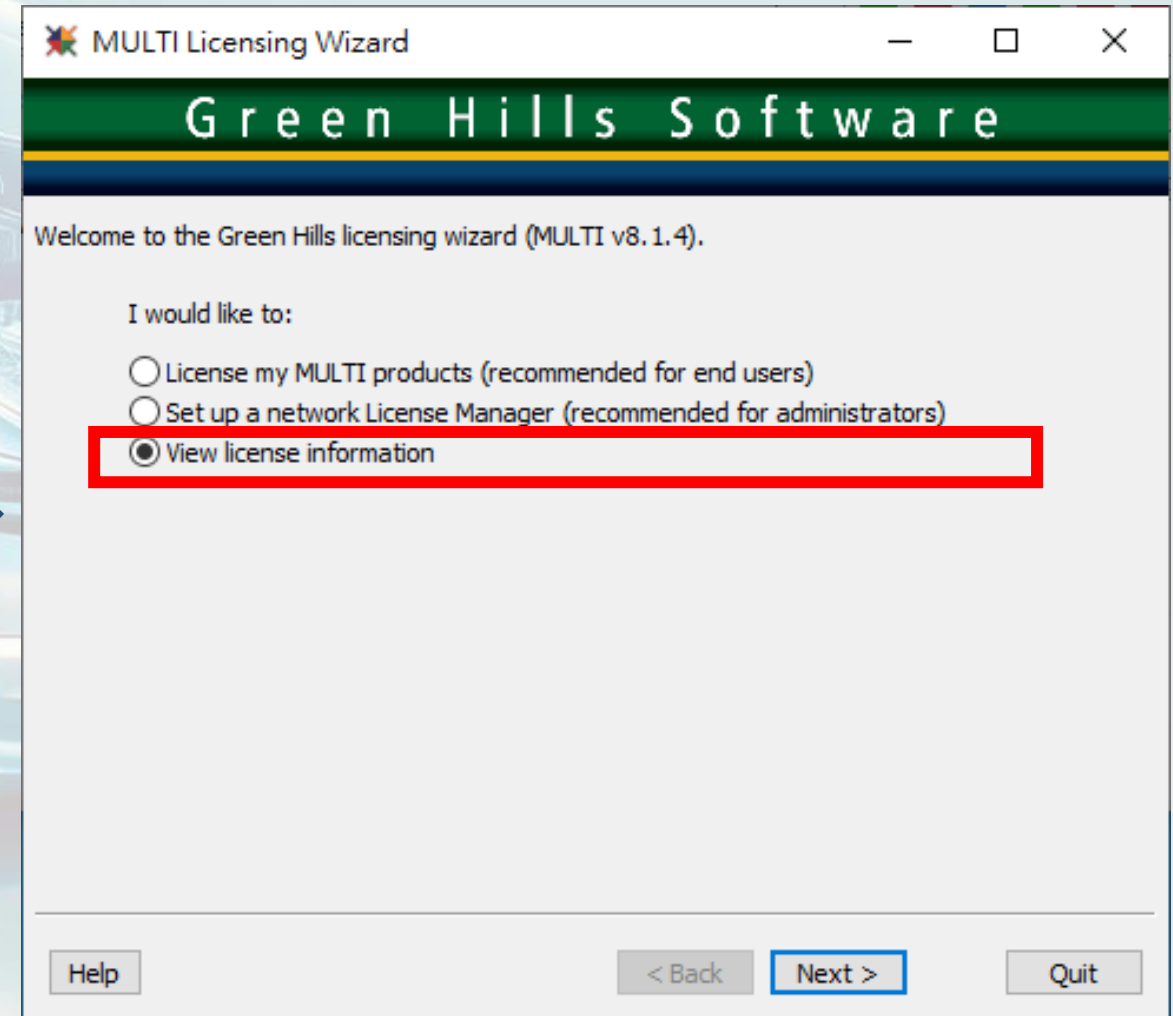


■ GHS License 查看

在 Utilities 選單中選擇 License Administrator



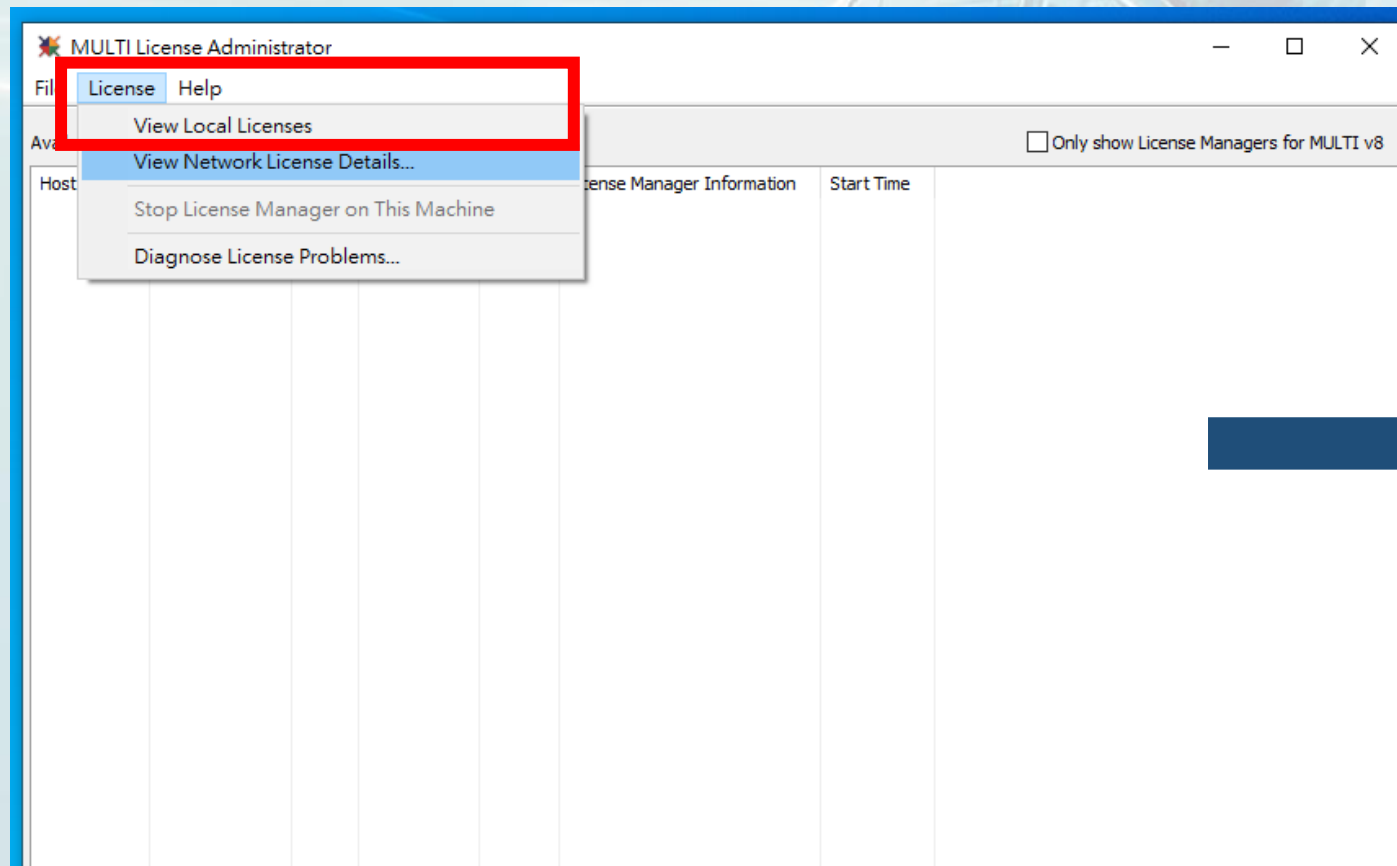
選擇 View license information 項目



■ GHS License 查看

當前導入的 License 資訊

在 License 選單中選擇 View Local Licenses



The screenshot shows the MULTI License Administrator application window with the 'View Local Licenses' option selected. The window displays a table of licensed products with columns for Product Name, Product Code, Expiration, and File. The table lists 54 products, all with an expiration date of 2015-01-01. A 'Refresh' button is visible in the top right corner of the table area.

Product Name	Product Code	Expiration	File
multi			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
source_analysis			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
mevgui			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
integrate			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
wperf			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
rtserv			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
rtnserv			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
mpserv			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
sim			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
simppc			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
fast_simppc			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
simarm			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
fast_simarm			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
simtri			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
isim			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
fast_isim			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
ecomppc			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
ecomarm			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
ecomarm64			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
ecomtri			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
elxr			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
rhapsodyint			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
timemachine			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
simulink_int			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
timemachine_bto			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
trace_integrity			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
svc_cpu_arm			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
svc_cpu_ppc			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
svc_cpu_tri			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
svc_cpu_arm64			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_MULTI_v5			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_COMPILER_2012_5			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_COMPILER_2013_1			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_COMPILER_2013_5			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_COMPILER_2014_1			C:\ghs\licenses\licenses_for_E-J002-01.ghslic
enable_COMPILER_2015_1			C:\ghs\licenses\licenses_for_E-J002-01.ghslic

Total licensed products: 54



Thank You

捷策動能顧問股份有限公司

302 新竹縣竹北市文興路一段158號2樓

Jotactic Mobility Consulting Co., Ltd.

2 F., No. 158, Sec. 1, Wenxing Rd., Dongping Vil.,

Zhubei City, Hsinchu County 302054, Taiwan

Phone: 03-6109669