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DIAS-Manual-0005-EN





Software Download and Installation Manual



Copyright DIAInstaller

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Related Documents DIAInstaller

Related Documents

Document Name	Document ID
DIADesigner User Manual	DIAS-Manual-0003-EN
DIAScreen User Manual	DIAS-Manual-0004-EN
DIADesigner-AX User manual	DIAS-Manual-0014-EN
DIASelector User Manual	DIAS-Manual-0002-EN
COMMGR User Manual	DIAS-Manual-0006-EN

Revision History DIAInstaller

Revision History

Version	Issue Date	Revision
1 st	2020/12/08	The first version release.

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Chapter 1: Overview

1.1 DIAStudio Integrated Engineering Software

The DIAStudio is an all-in-one integrated engineering platform, on which users can efficiently develop machinery systems, from product selection, programming, to exporting.

It simplifies the process, and helps to save time and cost for building machinery systems.





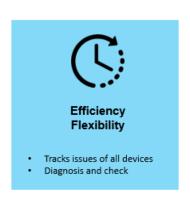


Figure 1 - 1: DIAStudio Features

1.1.1 Key Software

The DIAStudio comprises of 5 key software:

- **DIASelector**: Quick, easy, smart selection tool.
- **DIADesigner**: Integrated development & engineering software.
- **DIAScreen**: Intuitive visualization software.
- DIAInstaller: System installation & update management
- COMMGR: Communication management
- DIADesigner-AX: Motion development and engineering software

The DIAStudio supports efficient and flexible data transmission between software. It also facilitates for tag sharing between software.

1.2 DIAInstaller Introduction

The DIAInstaller is a software installer, which assists user to download, install & uninstall, update DIAStudio software applications. User can download, install, and update products such as DIASelector, DIADesigner, DIADesigner-AX DIAScreen, and COMMGR.

The key features of DIAInstaller are:

- Install and uninstall the products.
- Check for the latest product updates.
 - o Check Manually.
 - o Set an automatic check for update of products at required frequency.
- Set the language. Supported languages are English, Simplified Chinese and Traditional Chinese.
- View the Copyright notice and current version of DIAInstaller.
- Download the products.
- Includes patch function to update specific components.

Chapter 2: Getting Started

2.1 System Requirement

	System Requirement
Operating System	Windows 7 / 8.1 / 10 32/64 bits
CPU	Intel Celeron 540 1.8GHz (min.) · Intel Core i5 M520 2.4 GHz
Memory	2GB or above (recommend to use 4GB or more)
Hard Disk Drive	10GB or more
Monitor	Resolution: 1024 x 768 Pixels, 1920 x 1080 Pixels
Keyboard/Mouse	General Keyboard Mouse or Windows compatible device
Ethernet	Need network connection when down or update
Software	Need to install Microsoft.Net Framework 4.6.2

Chapter 3: Installation and Uninstallation

3.1 Introduction

The installation and uninstallation procedures are provided in the following sections.

- 3.2 Installing DIAInstaller
- 3.3 Uninstalling DIAInstaller

3.2 Installing DIAInstaller

Pre-requisites:

Ensure that the target computer follows the minimum criteria mentioned in <u>2.1</u> <u>System Requirement</u>, and can be connected to Ethernet.

To download the software, DIAStudio registration is mandatory.

Follow the steps to install software:

- Open the following website through browser: https://diastudio.deltaww.com/
- Click on DIAStudio > Download menu or Go to the Download field of Information and click Software to open the download page. If you have not logged in, you will first enter the login page.



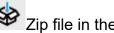
Figure 3 - 1: DIAStudio Website

3. Enter DIAStudio account information and sign in.



Figure 3 - 2: Sign In

4. Select the latest version of DIAStudio in the Software Name, and click the



Zip file in the File field to download it.

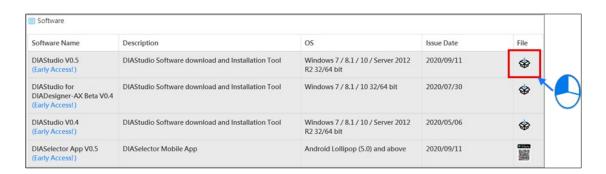


Figure 3 - 3: DIAStudio Website

5. Once the download is complete, double-click **DIAInstaller.exe** in download folder and then start to install it.



Figure 3 - 4: Intallation file

6. Select the language, and then click on OK button.



Figure 3 - 5: Select Language

7. The operating system will ask for additional installation of Microsoft components. Please make sure that Microsoft .Net Framework 4.6.2 or above is installed. If not, user need to install it. Click on **Install** button to continue.

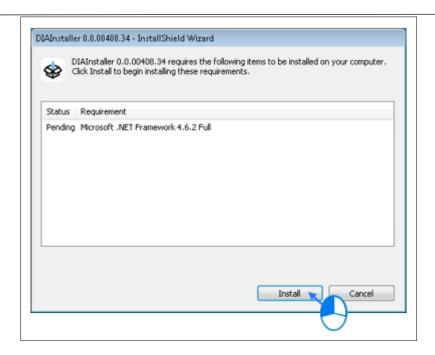


Figure 3 - 6: Install

NOTE: Please check if Microsoft .Net Framework 4.6.2 or version above is installed in system, or it will install extra Microsoft package according to user's system.

8. After installing extra packages, click on **Next** button to continue installation.

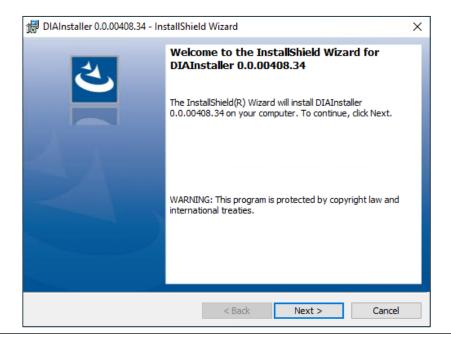


Figure 3 - 7: InstallShield Wizard

 Read the Software License Statement carefully, if there is no further question, then, please select I accept the terms in the license agreement option and click on Next button. Else, please contact Delta Electronics Inc.



Figure 3 - 8: DIAInstaller Software License Statement

10. Confirm install destination folder, or click on **Change** button to set custom destination folder, and then click on **Next** button to continue.

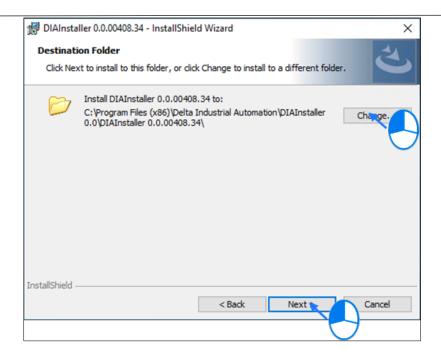


Figure 3 - 9: DIAInstaller Destination Folder Setting

11. If there is any setting need to be reset, click on **Back** button when needed.

Otherwise, click on **Install** button to start installation.

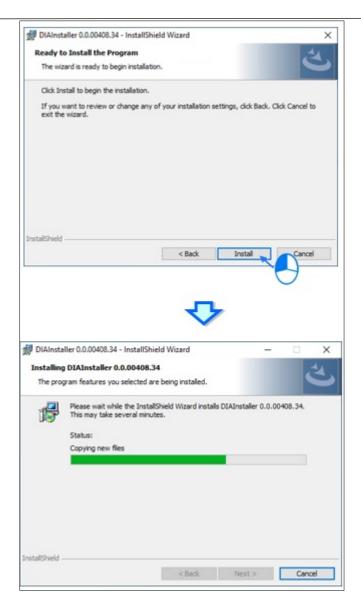


Figure 3 - 10: Copying files to Destination

12. Click on Finish button to end the installation and DIAInstaller launches automatically once the installation is complete.

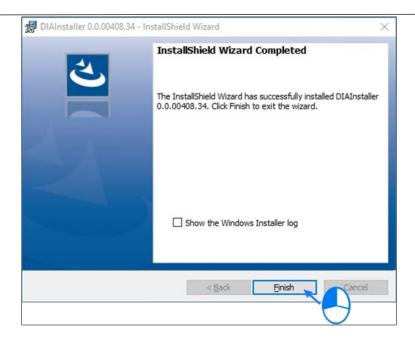


Figure 3 - 11: Installation Complete

3.3 Uninstalling DIAInstaller

Follow the steps to uninstall DIAInstaller:

 Open Control Panel, select DIAInstaller in Programs > Uninstall a program, and then click Uninstall button.

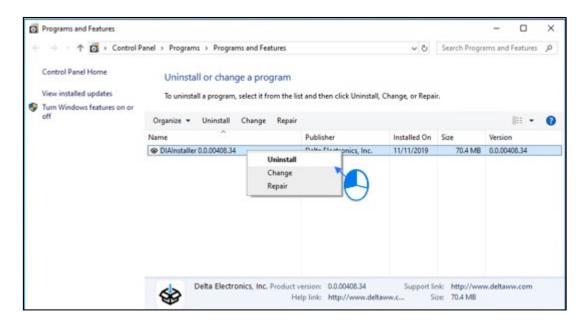


Figure 3 - 12: Uninstall DIAInstaller in Programs and Features

2. Click on Yes button to uninstall DIAInstaller.



Figure 3 - 13: Confirm to Uninstall DIAInstaller

Result: DIAInstaller will be uninstalled after system process is complete.

NOTE: Uninstallation of DIAInstaller will not uninstall any of the DIAStudio (DIASelector, DIADesigner, DIADesigner-AX, COMMGR, DIAScreen) software products which are already installed. But, user will not be able to update any of the DIAStudio products.

Chapter 4: User Interface

4.1 UI Introduction

The DIAInstaller screen contains three blocks.

- 1 Language Switch and Login Function.
- Function Option.
- 3 Function Screen Operation.

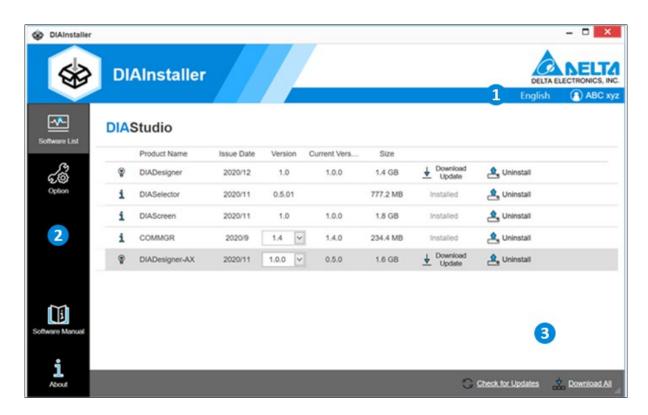


Figure 4 - 1: DIAInstaller Interface

Click the current language from block 1 to switch the language. Currently, Traditional Chinese, Simplified Chinese and English are supported, as shown in the figure below.

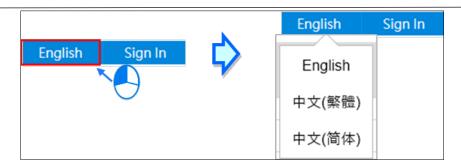


Figure 4 - 2: Switch Language

4.2 DIAInstaller Functions

The DIAInstaller application includes Software Status (<u>4.2.1 Software List Functions</u>), Option (<u>4.2.2 Option</u>), About, and Language Setting functions. The functions in the DIAInstaller are described in the following table.

Function	Description
Software List Software List	User can download, install/uninstall, and update DIAStudio related software products, including DIASelector, DIADesigner, DIASceen, DIADesigner-AX and COMMGR via Software List function.
Option Option	User can do settings using this option, such as setting update frequency, download path and check for update immediately.
Software Manual Software Manual	Click to open the DIAInstaller Software Manual
About 1 About	User can view the Copyright notice and current version of DIAInstaller.

4.2.1 Software List Functions

The default screen of DIAInstaller is the Software List, which displays the supported product name, version, size, download/update, progress, installation/uninstallation, and set installation path. After logging in, user can download ,install and update the products whenever they need it. Please refer to <u>Chapter 5: Software</u> for related software list operations.

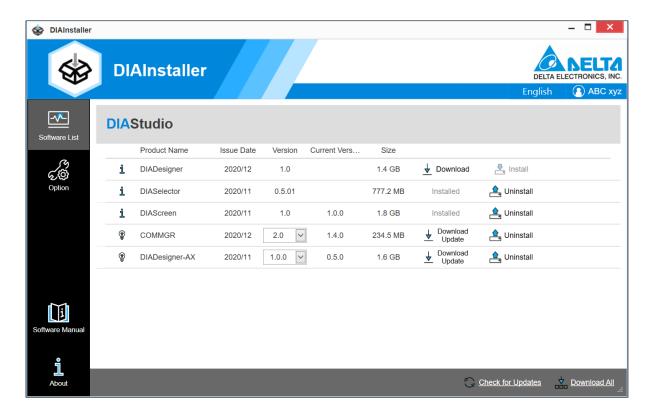


Figure 4 - 3: Software List

Functions in the software list are described in the table below:

Features	Description
Product Name	Name of DIAStudio software product.
Current Version	Latest version of corresponding product.
Size	Installation file size of corresponding product.
Download	The user can operate the product through the download icon.
Schedule	It shows the progress of downloading, installing, updating, download speed, estimated time left etc.

Features	Description
Install/uninstall	Users can perform corresponding operations on the product through the install/uninstall button.
Check for Updates	Users can check whether there is an updated version on the host.
Download All	Users can download all the software at once.

4.2.2 Option

The Option page is as shown in the following figure:

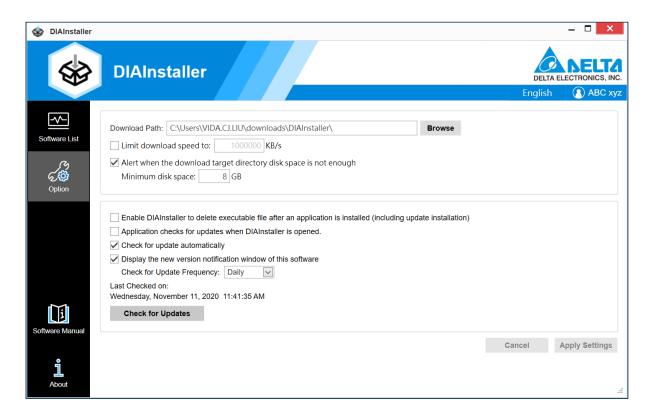


Figure 4 - 4: Option Tab

The Option functions are described in the following table:

Features	Description
Download Path	Shows current download path, which can be changed through the Browse button on the right.
Limit download speed to	You can set the total rate of the download limit. User can check to change the limit, by default it is unchecked.
Alert when the download target directory disk space is not enough	Check this item, the target disk of the download path, the minimum disk space is less than the set space size, and a warning will pop up during download.
Minimum disk space	Set to limit the minimum disk space remaining on the target disk.
Enable DIAInstaller to delete executable file after an application is installed (including update installation)	It deletes the executable files after an application is installed.
Application check for updates when DIAInstaller is opened	If this setting is enabled, when the software displays the screen, it will automatically check for updates.
Check for update automatically	The automatic update cycle can be set. (Daily).By default, this is updated on daily basis.
Display the new version notification window of this software	Displays the new version notification.
Check for Update Frequency	Users can check whether there is an updated version on the host.
Check for updates	User can check for any available update.
Cancel	Cancel this changed setting.
Apply Settings	Apply the modified settings after modification

Chapter 5: Software List Operation

5.1 Introduction

User can download, install (<u>5.2 Downloading and Installing Software Products</u>), uninstall (<u>5.3 Uninstalling Software Products</u>), and update (<u>5.4 Update Software</u>) softwares in Software List page.

5.2 Downloading and Installing Software Products

Follow the steps below to install software:

1. Sign in to download a software.



Figure 5 - 1: Sign in Page

2. Select the product to download and click on **Download** button.

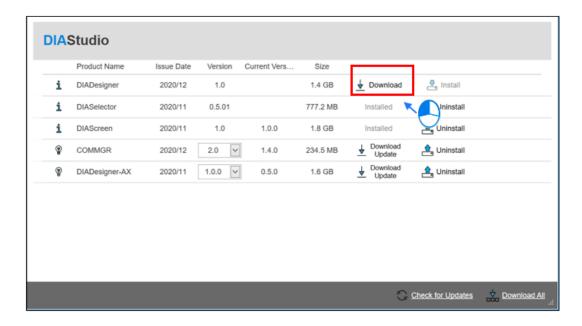


Figure 5 - 2: Download Software

Result: The download percentage is shown in progress.

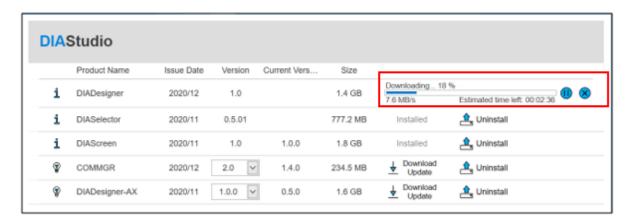


Figure 5 - 3: Download Software Progress

3. After the software is downloaded, click the **Install** button to pop up the installation file of each installer and start the installation.

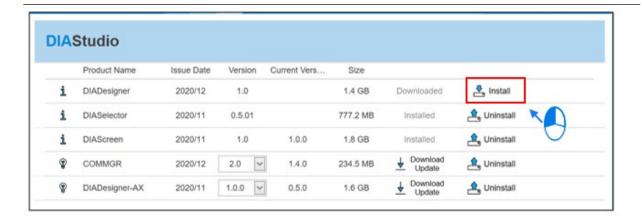


Figure 5 - 4: Install Software

NOTE: Only one installation process is allowed at the same time. Other install/uninstall button will be greyed out when a product is processing installation/uninstallation.

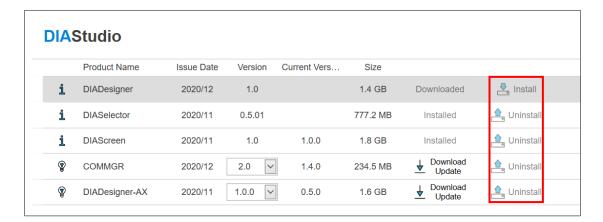


Figure 5 - 5: Software Installation

4. After the installation is complete, window displays as **Uninstall**.

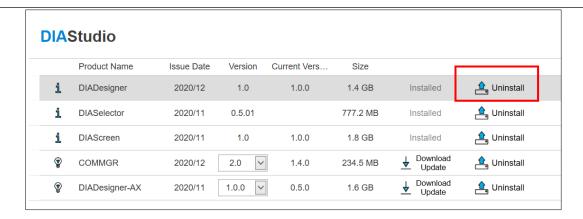


Figure 5 - 6: Uninstall

5.3 Uninstalling Software Products

Follow the steps to uninstall software:

1. Open DIAInstaller and click on Uninstall button on product to be uninstalled.

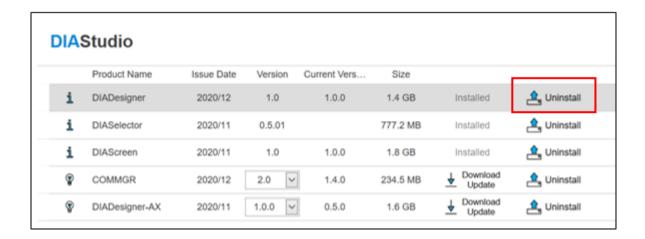


Figure 5 - 7: Uninstall Software

2. The uninstall package of the software will pop up. After uninstalling, the status of the software will change to **Install**.

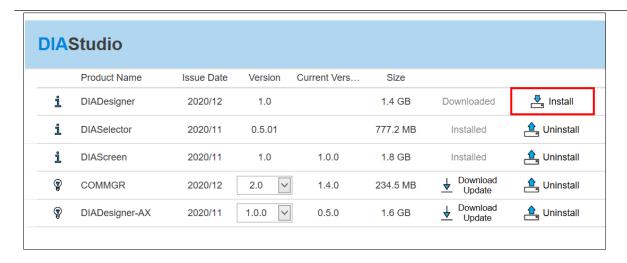


Figure 5 - 8: Software Uninstall Complete

5.4 Update Software

This function allows user to check for updates manually or automatically, and update the software products in DIAInstaller.

5.4.1 Check for Updates Manually

Switch the function page to **Option**, and click on **Check for Updates** button. The system will check for any updates for all products.



Figure 5 - 9: Check for Updates Manually

5.4.2 Check for update automatically

A check for updates will be performed every time the computer is restarted; you can also set the automatic update frequency during the computer's turn on,

Follow the steps to check for updates automatically:

 Select Check for update automatically and Select Check for Update Frequency. The default update frequency is daily.

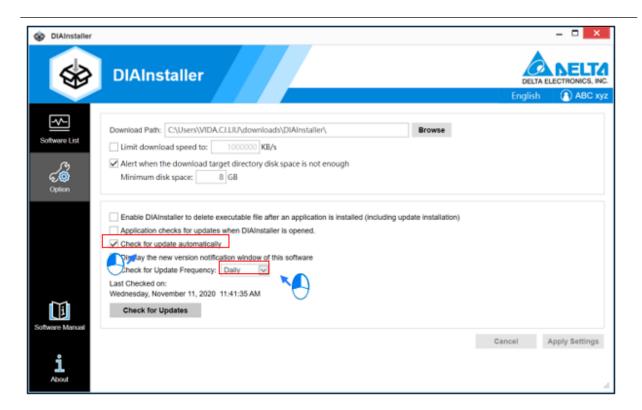


Figure 5 - 10: Setting Automatic Check for Updates

2. Click on Apply Settings to change the settings.

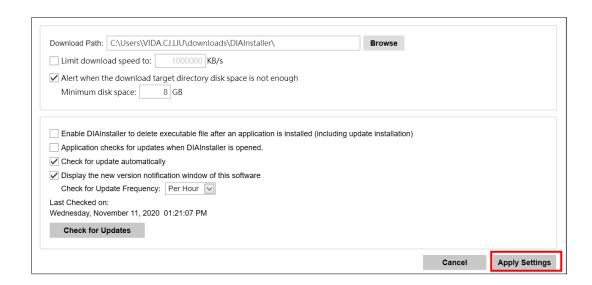


Figure 5 - 11: Apply Option Setting

Result: System will check for update automatically according to user's setting.

5.4.3 Update Software (When there is a new version of software available)

Follow the steps to update a software:

1. Open the software list. If there is a new version of the installed software available, the new version icon will be displayed.

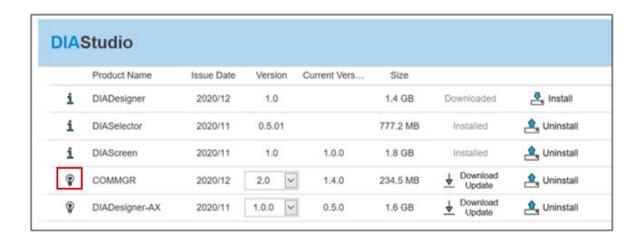


Figure 5 - 12: Update Software Information

2. Click on **Download Update**, to start downloading the latest update.

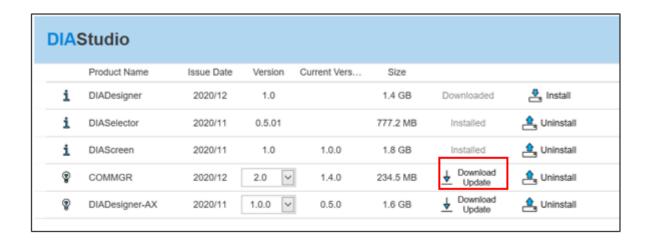


Figure 5 - 13: Download Update

After download is complete, click on Update Installation button to update the product.

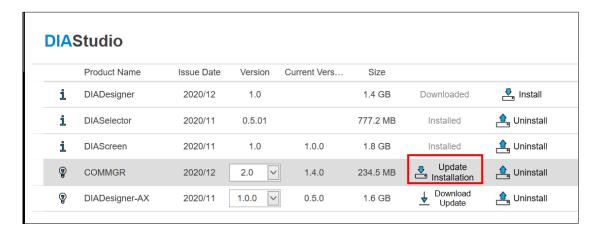


Figure 5 - 14: Update Software

Result: After installation, the status will display installed.

5.4.4 Software update (when there is a new patch)

Open the software list. If there is a new patch for the installed software, the patch icon will be displayed at the back.

Follow the steps to update the software:

1. Click on **Download Patch**.

Result: Once the download is complete, it displays as Install patch.

- 2. Click on **Install Patch** to install the patch file.
- 3. After the installation is complete, user can see the version changes.



Figure 5 - 15: Install Patch File

Remarks:

<u>5.4.3 Update Software</u> (When there is a new version of software available)
 introduces software updates when new versions of software are available; <u>5.4.4</u>
 <u>Software update</u> (when there is a new patch) introduces software updates when new patches are available. The differences between the two are as follows:

- Software update when there is a new version of the software: When a new version of the software is released, user can choose to reinstall the new version to use the new features of the new version, but the entire installation process will take a long time.
- Software update when there is a new patch: When the current software version has major updates or corrections, user can choose to install patches to update some components, which saves time.