

Windows® 7 Upgrade Step-by-Step Guide

For CF-H1B series

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1. First

This document provides the steps to use when upgrading for CF-H1B series from the Microsoft Windows Vista® Business operating system (32-bit) to Windows® 7 (32-bit).

Before upgrading, please confirm information such as restrictions after upgrading to Windows® 7 in the web page of "Windows® 7 support evaluation information". *

To upgrade from Windows XP to Windows 7, “clean install” is required.

During upgrading, you will be prompted to turn on the wireless switch. You must start upgrading where you are allowed to emit such radio signals.

In some cases, you should not upgrade to Windows® 7. Read all documentation before you start upgrading your OS.

Windows® 7 Support and Upgrade Information

<http://pc-dl.panasonic.co.jp/itn/support/win7info.html>

In addition, please begin upgrading after printing this document out beforehand.

**) Windows® and Windows Vista® are trademarks of Microsoft group companies. In the following instructions, Windows 7 stands for Windows® 7, and Windows Vista stands for Windows Vista®.*

2. Upgrading to Windows 7

2-1. Steps for upgrading to Windows 7

Please perform upgrading with the following steps.

Step	Work contents	OS environment
Step 1	Necessary preparations for upgrading	Windows Vista
Step 2	Backup important data	Windows Vista
Step 3	Downloading the programs for upgrading and extracting to the hard drive	Windows Vista
Step 4	Uninstallation of Windows Vista applications	Windows Vista
Step 5	Upgrade to Windows 7	Windows Vista -> Windows 7
Step 6	Installation of the drivers for Windows 7	Windows 7
Step 7	Windows Update	Windows 7
Step 8	Installation of the applications for Windows 7	Windows 7

Detail procedure for each step is described in 2-2.

The procedure described in this guide introduces the update steps for preinstalled application and drivers.

Caution

Intel® PROSet for Windows 7 is not released.

The following functions are supported by Intel® PROSet.

EAP-SIM EAP-TTLS LEAP EAP-FAST EAP-PEAP-GTC EAP-AKA
CCKM CCX

If you need to use these functions, you should not upgrade to Windows 7 until Intel® PROSet for Windows 7 is released.

2-2. Detail procedure for upgrading

All of the steps (download the upgrade programs, extracting files, and installing the drivers and applications) should be performed by the same administrator account.

Caution

When using user name included "@" mark before or after the name such as "@username" or "username@" before upgrading to Windows 7, you may not be able to log on using the name after upgrading to Windows 7.

If you happened to use "@" mark before or after the name, create a new user account without "@" mark as administrator. If you just change the existing user account to different user name, it won't fix the problem.

Step 1: Necessary preparations for upgrading (OS: Windows Vista)

Prepare following items before upgrading.

- Cradle

- AC Adaptor (Connect to DC-IN jack on the cradle when upgrading.)
- Battery Pack (Insert to PC when upgrading.)
- USB Keyboard (Connect to the USB port on the cradle)
- USB Mouse (Connect to the USB port on the cradle.)
- Setup DVD-ROM for Windows 7 Professional or Ultimate (32-bit)
- Product Recovery DVD-ROM for your PC.
- External DVD Drive
- Information for Windows 7 regarding the applications that you installed to your PC and the peripherals you use for your PC.

Step 2: Backup Important Data (OS: Windows Vista)

You should back up files that you created in the hard drive to a safe location (to the external media – external hard drive, memory card, re-writable DVD and so on), before upgrading to Windows 7.

It is strongly recommended to create a backup of the whole C drive using “Windows Complete PC backup”.

Some settings for the applications cannot succeed the settings which are set on the Windows Vista. Please write down the necessary settings before upgrading. And set the necessary setting again after setup of Windows 7 and the applications for Windows 7.

Step 3: Downloading the programs for upgrading and extracting to the hard drive (OS: Windows Vista)

- 1) Download the update programs for your PC from the Support Web, and save them to the hard drive or external media (e.g. external hard drive, memory card, rewritable DVD and so on).

Those downloaded files are different depending on the model.

Please download the files for the corresponding model from the download page of each model.

- 2) Extract all of the downloaded files according to the following procedure.
 - (1) Double-click the downloaded file.
 - (2) At [User Account Control] screen, click [Allow].
 - (3) When the license agreement appears, read carefully the license agreements, and then click [Yes(Y)].
 - (4) When the [Destination Location] screen appears, you don't need to change from default destination.
The default destination is [c:\Util2].
Click [OK].
 - (5) Wait up to 30 seconds, then the extracting finishes.
The message [Unpacking of files completed.] appears when extracting finishes.
Click [OK].

Caution

Before extracting the file “bluet_ver7.00.08(p)_xxxxxxx_d091288.exe”, click Wireless switch utility icon on Taskbar and confirm “Bluetooth is Enabled”.

Step 4: Uninstall and update of Windows Vista software (OS: Windows Vista)

Uninstall the programs that do not work on the Windows 7 environment, and the programs that cause the problems for upgrading to Windows 7.

Some applications that were installed on the Windows Vista environment may cause problems when upgrading. Uninstall these programs manually before setup Windows 7.

Following applications preinstalled on CF-H1B Series should be uninstalled.

(1) Uninstall Dynamic Power Performance Management for Mobile Internet Devices

- 1) Click [Control Panel] – [Uninstall a program].
- 2) Select [Dynamic Power Performance Management for Mobile Internet Devices] and click [Uninstall/Change].
- 3) At the [User Account Control] screen, click [Continue].
- 4) At the [Welcome to the Uninstallation Program] screen, click [Next].
- 5) When the message [Click Next to continue.] appears, click [Next].
- 6) When the [Uninstallation Is Complete] screen appears, select [Yes, I want to restart this computer now.] and click [Finish].
- 7) Windows restarts.

(2) Uninstall Protector Suite

If the PC is upgraded to Windows 7 without uninstalling this program, the setup of Windows 7 doesn't proceed properly and setup isn't completed. Therefore, uninstall it before upgrading to Windows 7.

And, change the setting to not use TPM beforehand for the registered fingerprint data. Change settings and uninstall software according to the following procedure.

2-1. Change settings to not use TPM

Protector Suite QL 5.8

- 1) Click [Start] – [All programs] - [Protector Suite QL] – [Control Center].
- 2) Click [Fingerprint] - [Enroll or Edit Fingerprints].
- 3) At the [User Enrollment] screen, click [Next>].
- 4) At the [Verify] screen, swipe your finger or enter Windows password, and then click [Next>].
- 5) At the [Multifactor] screen, select [Fingerprint] at [Authentication Factors:] and click [Next>].
- 6) Remove the check mark for [Run interactive tutorial] and proceed to the [Finalization] screen by clicking [Next>], [Next>]... .
- 7) At the [Finalization] screen, click [Finish].

2-2. Export Fingerprint data

If it is desired to use the registered fingerprint data after upgrading to Windows 7, export fingerprint data first. After upgrading to Windows 7 and installing the fingerprint software, the data needs to be imported.

Protector Suite QL 5.8

- 1) Click [Start] – [All programs] - [Protector Suite QL] – [Control Center].
- 2) Click [Fingerprint] - [Import or Export User Data].
- 3) Select [Export] and click [OK].

By following the screen procedure, enter the destination of the data and password to save the data.

2-3. Uninstall Protector Suite

- 1) Click [Control Panel] - [Uninstall a program].
- 2) Select [Protector Suite xxxx] and click [Change].
- 3) Select [Remove].
- 4) Select [Remove all Protector Suite xxxx data] and click [Next>].
- 5) Click [Next>].
- 6) At the [User Account Control] screen, click [Allow].
- 7) When the message [... successfully uninstalled.] appears, click [Finish].
- 8) At the message [You must restart your system ...], click [Yes].
- 9) Windows restarts.

(3) Uninstall Infineon TPM Professional Package [when this application is installed]

3-1. Decrypt EFS

If encrypted folders exist, decrypt them before uninstalling TPM Professional Package.

- (1) Right-click encrypted folder in explorer.
- (2) Click decrypt, and type basic user password as requested.
- (3) Repeat steps (1)-(2) to all encrypted folders.
- (4) Repeat step (3) in all accounts on PC.

3-2. Decrypt PSD

- (1) Reboot PC
- (2) Right click TPM icon in task tray
- (3) Click [Personal Secure Drive] - [Load], and type basic user password as requested.
- (4) Copy all contents in PSD and transfer to an unencrypted folder such as Documents in local disk drive.
- (5) Repeat steps (2)-(4) in all accounts on PC.

3-3. Uninstall TPM software (TPM Professional Package)

- (1) Click [Control Panel] - [Uninstall a program].
- (2) Select [Infineon TPM Professional Package] and click [Uninstall].
- (3) At the [Programs and Features] screen, click [Yes].
- (4) At the [User Account Control] screen, click [Allow].
- (5) In the middle of uninstallation, you may be asked whether to open Settings tool to disable TPM, press [no] to proceed.
- (6) At the message [You must restart your system ...], click [Yes].
- (7) Windows restarts.

(4) Uninstall Sound driver

- 1) Click [Control Panel] - [Uninstall a program].
- 2) Select [SoundMAX] and click [Uninstall].
- 3) At the [User Account Control] screen, click [Continue].
- 4) When the [Uninstall Complete] screen appears, select [Yes, I want to restart my computer now.] and click [Finish].
- 5) Windows restarts.

(5) Uninstall Touch driver

- 1) Click [Control Panel] - [Uninstall a program].
- 2) Select [Touch Driver] and click [Uninstall].
- 3) At the [User Account Control] screen, click [Continue].
- 4) At the confirmation screen, click [Yes].
- 5) When the message [You must restart your computer] appears, click [Restart Now].
- 6) Windows restarts.

(6) Uninstall Bluetooth driver

- 1) Click Wireless switch utility icon on Taskbar and confirm [Bluetooth enabled] .
- 2) Click [Control Panel] - [Uninstall a program].
- 3) Select [Bluetooth Stack for Windows by Toshiba] and click [Uninstall].
- 4) At the [Programs and Features] screen, click [Yes].
- 5) At the [User Account Control] screen, click [Allow].
- 6) When the message [Are you sure you want to delete all your Bluetooth connection settings?] appears, click [Yes].

(7) Uninstall other applications

If the following applications are listed on [Control Panel] – [Uninstall a program], uninstall in order.

Wireless Switch Utility (Necessary to turn on the wireless switch when uninstalling this program.)

Panasonic Hand Writing

Panasonic Notification

Panasonic Common Components

* Uninstall Panasonic Common Components at the end.

- 1) Click [Control Panel] – [Uninstall a program].
- 2) Select the desired application to uninstall and click [Uninstall] or [Uninstall/Change].
- 3) If the [User Account Control] screen appears, click [Allow] or [Continue].
- 4) Follow the messages displayed and proceed uninstalling.
When the message [Do you want to completely remove the selected application and all of its features?] displayed, click [OK] or [Yes].
You may be required to click [Finish] or to restart PC.
- 5) **After all necessary applications are uninstalled, restart Windows.**

(8) Uninstall Intel(R) PROSet/Wireless WiFi software

This application needs to be uninstalled due to the problem working on Windows7.

Follow the steps below to uninstall properly.

- 1) Click [Control Panel] – [Uninstall a program].
- 2) Select [Intel(R) PROSet /Wireless WiFi Software] and click [Change].
If the message [Please make sure that there are no 'Found New Hardware Wizard' dialogs open..], click [OK].
And follow the message displayed.
- 3) At the [Welcome to the InstallShield Wizard ...] screen, Click [Next>].
- 4) Select [Remove] and click [Next>].
- 5) Select [Remove] and click [Next>].

- 6) At the [User Account Control] screen, click [Allow].
Uninstallation of the Application starts.
- 7) When the message [InstallShield Wizard Completed] appears, click [Finish].

* After the uninstallation is finished, restart Windows.
If the [Found New Hardware] screen appears, click [Cancel].

(9) Install Panasonic Common Components

- 1) Click [Start] - [Computer], and browse [C:\Util2\pcommon] folder.
- 2) Double-click setup(.exe) file (displayed [Application] as [Type]).
- 3) At the [User Account Control] screen, click [Allow].
- 4) At the [Welcome to the InstallShield Wizard ...] screen, Click [Next>].
- 5) Installation of the Application starts.
- 6) When the message [InstallShield Wizard Complete] appears, click [Finish].

(10) Uninstall Video Driver

- 1) Click [Control Panel] - [Uninstall a program].
- 2) Select [Intel(R) Graphics Media Accelerator 500] and click [Uninstall/Change].
- 3) At the [User Account Control] screen, click [Continue].
- 4) At the [Welcome to the Uninstallation Program] screen, click [Next>].
- 5) Driver Uninstallation starts.
- 6) When the message [Click Next to continue.] appears, click [Next]
- 7) When the [Uninstallation Is Complete] screen appears, select [Yes, I want to restart this computer now.] and click [Finish].
- 8) Windows restarts.

Note: If [Display Switch Utility Error] dialog appears, click [OK].

Step 5: Upgrade to Windows 7 (OS: Windows Vista -> Windows 7)

Note: Make sure to follow the restrictions below until all of the procedure finishes.

- The AC adaptor should be connected and the fully charged battery pack should be inserted.
- Any peripheral equipment should not be connected unless instruction tells to do so.

* If the setup password is set, it is necessary to enter the password when the PC restarts automatically.

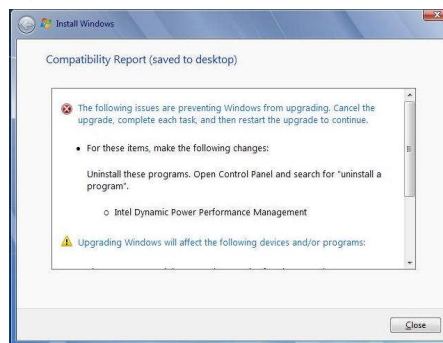
- (1) **[Only for models with GPS]** Set GPS to "Disable".
 - 1) Turn on the computer.
 - 2) Press [F2], enter the setup utility.
 - 3) Select [Serial Port Configuration] in [Advanced] menu and set [GPS] to [Disabled].
 - 4) Press [F10], and press [Enter].
- (2) Connect the external DVD drive to your PC.
- (3) Insert the Windows 7 Setup DVD to the DVD drive.
- (4) [AutoPlay] window appears automatically, then click [Run setup.exe]

If [AutoPlay] window does not open automatically, click [Start] – [Computer] and double click the icon of DVD drive.

- (5) At the [User Account Control] screen, click [Continue].
- (6) At [Install Windows] screen, click [Install now].
- (7) At [Get important updates for installation] screen, if PC can access the internet, click **[Go online to get the latest updates for installation (recommended)]**. If PC cannot access the internet, click **[Do not get the latest updates for installation]**.
- (8) At [Please read the license terms] screen, carefully read the license terms and add a check mark for [I accept the license terms], and then click [Next].
- (9) At [Which type of installation do you want?] screen, click **[Upgrade]** to perform an upgrade to your existing installation of Windows.
- (10) [Checking compatibility...] screen appears.

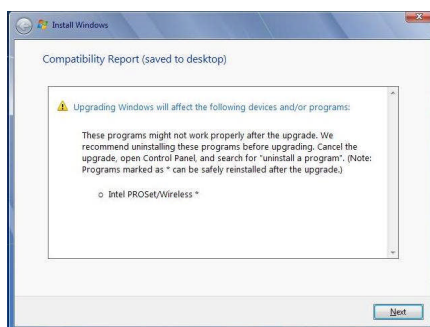
<Caution>

If the message [The following issues are preventing Windows from upgrading. ...] appears at the [Compatibility Report] screen, setup cannot proceed until uninstalling those programs.



If this message appears, cancel the setup and uninstall the all of displayed programs, and then start setup again from the procedure #(1).

- (11) If the message [Upgrading Windows will affect the following devices and/or programs:] appears, click [Next].



- (12) The message [Upgrading Windows...] appears and starts upgrading.

It takes about 3 or 4 hours for upgrading and restarts two or three times repeatedly.

During upgrade, particular operations are not necessary by user.

(If the setup password is set, it is necessary to enter the password when the PC restarts.)

- (13) At [Type your Windows product key] screen, input the product key written on the Windows 7 package, then click [Next].
- (14) When the message [Help protect your computer and improve Windows automatically] appears, click [Use recommended settings].
- (15) At the [Review your time and date settings] screen, confirm time zone and set if needed.
- (16) Confirm date and time, set them if needed, and then click [Next].
- (17) If [Connecting to Wireless Network] window appears, click [Skip].
- (18) At the logon Screen, log on **as the administrator account who extracted the upgrade programs.**
(If the existing account is only one and password is not set, the logon screen doesn't appear.)
Desktop for Windows 7 appears.
It takes a while to finish the initial settings even after the desktop appears.
Do not touch the keyboard and the touchpad until the HDD access completely stops.
- (19) Eject the Windows 7 Setup DVD from the DVD drive.

Note: If [Display Switch Utility Error] dialog appears, click [OK].

Step 6: Install drivers for Windows 7 (OS: Windows 7)

(1) Install Video Driver

- 1) Click [Start] – [Computer], and then browse [C:\Util2\drivers\video] folder.
- 2) Double-click setup(.exe).
- 3) At [User Account Control] screen, click [Yes].
- 4) When the message [Welcome to the Setup Program] appears, click [Next>].
- 5) At the [License Agreement] screen, read carefully the license agreement, and then click [Yes].
- 6) At the [Readme File Information] screen, click [Next>].
- 7) When the message [Click Next to continue.] appears, click [Next].
- 8) When the message [Would you like to restart the computer now?] appears, select [Yes, I want to restart this computer now.] and click [Finish].
- 9) After the PC restarts, browse [C:\Util2\drivers\video] folder again.
- 10) Right-click **VGAup(.bat)**, and select [Run as administrator].
- 11) At the [User Account Control] screen, click [Yes].
- 12) When “Command prompt” screen disappears, restart Windows manually to complete.

(2) Install Hotkey driver

- 1) Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
- 2) If [User Account Control] screen appears, click [Yes].
- 3) Double-click [System devices] - [Hotkey Driver for Panasonic PC].
- 4) At the [Driver] tab, click [Update Driver...]
- 5) Click [Browse my computer for driver software].

- 6) At [Search for driver software in this location:], enter [C:\Util2\drivers\hotkey], and click [Next].
- 7) When the message [Windows has successfully updated your driver software] appears, click [Close].
- 8) Click [Close].
- 9) When the message [Do you want to restart your computer now?] appears, click [Yes].
Windows restarts.

(3) Install Panasonic Misc driver

- 1) Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
- 2) If [User Account Control] screen appears, click [Yes].
- 3) Double-click [System devices] - [Panasonic Misc Driver].
- 4) At the [Driver] tab, click [Update Driver...]
- 5) Click [Browse my computer for driver software].
- 6) At [Search for driver software in this location:], enter [C:\Util2\drivers\newmisc], and click [Next].
- 7) When the message [Windows has successfully updated your driver software] appears, click [Close].
- 8) Click [Close].
- 9) When the message [Do you want to restart your computer now?] appears, click [Yes].
Windows restarts.

(4) Install Wireless LAN driver

Confirm the installed driver version by following steps.

- 1) Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
- 2) If [User Account Control] screen appears, click [Yes].
- 3) Double-click [Network adapters] - [Intel(R) WiFi Link 5100 AGN].
- 4) Click the [Driver] tab and confirm [Driver Version:].

According to the version of the driver, choose (4-1) or (4-2).

(4-1) When the version of the Wireless LAN driver is 12.4.3.9, follow the steps below.

- 1) Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
- 2) If [User Account Control] screen appears, click [Yes].
- 3) Double-click [Network adapters], right-click [Intel(R) WiFi Link 5100 AGN], and select [Uninstall].
- 4) Select [Delete the driver software for this device] and click [OK].
- 5) Restart Windows.
- 6) Log on as the administrator account.
- 7) Wait until device driver installed successfully.
- 8) Click [Start] – [Computer], and browse [C:\Util2\drivers\wlan\d090815\Win7s32] folder.
- 9) Double-click iProDifX(.exe). (displayed [Application] as [Type])
- 10) At the [User Account Control] screen, click [Yes].
- 11) [Intel(R) PRO/Wireless driver installer] screen appears and the driver installation starts.
- 12) When the [Intel(R) PRO/Wireless driver installer] closes, installation completes.

(4-2)When the version of the Wireless LAN driver is NOT 12.4.3.9, follow the steps below.

- 1) Click [Start] – [Computer], and browse [C:\Util2\drivers\wlan\d090815\Win7s32] folder.
- 2) Double-click iProDifX(.exe). (displayed [Application] as [Type])
- 3) At the [User Account Control] screen, click [Yes].
- 4) [Intel(R) PRO/Wireless driver installer] screen appears and the driver installation starts.

- 5) When the [Intel(R) PRO/Wireless driver installer] closes, installation completes.

(5) Install Bluetooth driver

- 1) Click [Start] - [Computer] and browse [C:\Util2\drivers\bluet] folder.
- 2) Double-click setup(.exe).
- 3) At the [User Account Control] screen, click [Yes].
- 4) When the message [Welcome to the InstallShield Wizard for Bluetooth Stack for Windows by Toshiba] appears, click [Next].
- 5) At the [License Agreement] screen, read carefully the license agreement, select [I accept the terms in the License agreement], and click [Next>].
- 6) When the message [Ready to Install the Program] appears, click [Install].
- 7) When the message [InstallShield Wizard Completed] appears, click [Finish].
- 8) When the message [You must restart your system for the configuration changes made to Bluetooth Stack for ...] appears, click [Yes].
- 9) Restart Windows.
- 10) When the [Automatic Registration] screen appears, add a check mark for [Don't show this window next time], and click [Cancel].

(6) Install Wireless Switch Utility

- 1) Click [Start] – [Computer], and then browse [C:\Util2\wswitch] folder.
- 2) Double-click setup(.exe) (displayed [Application] as [Type]).
- 3) At the [User Account Control] screen, click [Yes].
- 4) At the [Welcome to the InstallShield Wizard ...] screen, Click [Next>].
- 5) At the [Ready to Install the Program] screen, Click [Install].
- 6) Installation of the Application starts.
- 7) At the [InstallShield Wizard Complete] screen, select [Yes, I want to restart my computer now.] and then click [Finish].
- 8) Windows restarts.
- 9) (For US users only) Click Wireless switch utility icon on taskbar and click [802.11a Disabled]. At the [User Account Control] screen, click [Yes].

(7) Install Sound driver

- 1) Click [Start] – [Computer] and browse [C:\Util2\drivers\sound] folder.
- 2) Double-click setup(.exe) (displayed [Application] as [Type]).
- 3) At the [User Account Control] screen, click [Yes].
- 4) At the [Welcome to the InstallShield Wizard ...] screen, click [Next>].
- 5) Installation of the driver starts.
- 6) At the [InstallShield Wizard Complete] screen, click [Finish].

(8) Install Dual Touch driver

- 1) Click [Start] - [Computer], and then browse [C:\Util2\drivers\ctouch] folder.
- 2) Double-click Setup(.exe).
- 3) At the [User Account Control] screen, click [Yes].
- 4) At the [License Agreement] screen, read it carefully and click [Accept].
- 5) Driver installation starts.

- 6) When the message [... You must restart your system to complete the installation.] appears, click [Restart Now].
- 7) Windows restarts.

(9) Install Camera driver

- 1) Click [Start] – [All Programs] – [AVEO UVC Filter Driver (E2WSAD1N30803)] – [Uninstall].
- 2) At the confirmation screen, click [Yes].
- 3) When the [Uninstall Complete] screen appears, click [Finish].
- 4) Restart windows manually.
- 5) After the PC restarts, click [Start] – [Computer] and browse [C:\Util\drivers\camera] folder.
- 6) Double-click E2WSAD1N30803-FilterDriver-V3.7020091103-WHQL(.exe).
- 7) At the [User Account Control] screen, click [Yes].
- 8) Installation of the driver starts.
- 9) When the message [Installation Complete] appears, click [Finish].
- 10) Restart Windows manually.
- 11) Confirm the Driver version
 - a. Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
 - b. If [User Account Control] screen appears, click [Yes].
 - c. Double-click [Imaging Devices] - [AVEO UVC PC Camera].
 - d. Click the [Driver] tab and confirm [Driver Version:]

If the Driver Version is [3.7.0.0], the driver is correctly updated.

*) If you cannot find [Imaging Devices] - [AVEO UVC PC Camera] in [Device Manager] or the Driver Version of [AVEO UVC PC Camera] is NOT [3.7.0.0], the driver is not correctly updated.
Repeat Step 1) to 12) again to reinstall.

(10) Install Dynamic Power Performance Management for Mobile Internet Devices

- 1) Click [Start] - [Computer], and then browse [C:\Util\drivers\dabney] folder.
- 2) Right-click Setup(.exe) and select [Properties].
- 3) Click [Compatibility], at [Compatibility mode] and add check mark [Run this program in compatibility mode for:] and select [Windows Vista (Service Pack 1)] and click [OK].
- 4) Double-click Setup(.exe).
- 5) At the [User Account Control] screen, click [Yes].
- 6) At the [Welcome to the Setup Program] screen, click [Next>].
- 7) At the [Licence Agreement] screen, read the license agreement carefully, and click [Yes].
- 8) At the [Readme File Information] screen, click [Next>].
- 9) At the [SDK Installation] screen, select [Yes] and click [Next>].
- 10) When the message[Click Next to Continue.] appears, click [Next].
- 11) When the message [Would you like to restart the computer now?] appears, select [Yes, I want to restart the computer now.] and click [Finish].
- 12) Windows restarts.

(10) Install USB Serial driver [Only when it is desired to use USB Serial on the Cradle]

- 1) Click [Start] - [Computer], and then browse [C:\Util2\drivers\usbcom] folder.
- 2) Double-click CP210xVCPInstaller(.exe).
- 3) At the [User Account Control] screen, click [Yes].
- 4) Click [Install].
- 5) Driver installation starts.
- 6) When the message [Installation completed successfully] appears, click [OK].

(11) Install USB-LAN driver for CF-VEBH11U [Only when it is desired to use USB-LAN on the Cradle (CF-VEBH11U)]

- 1) Shutdown computer and disconnect the AC adapter.
- 2) Attach the Cradle Device (CF-VEBH11U) and plug in the AC Adapter.
- 3) Restart computer.
- 4) Click [Start] - [Computer], and then browse [C:\Util2\drivers\ex_lan\moschip\WIN32] folder.
- 5) Double-click setup(.exe).
- 6) At the [User Account Control] screen, click [Yes].
- 7) Installation of the driver starts.
- 8) After the message [Installation Successfully Completed!] appears and automatically closes, restart windows manually.

(12) Install USB-LAN driver for CF-VEBH11AU [Only when it is desired to use USB-LAN on the Cradle (CF-VEBH11AU)]

- 1) Shutdown computer and disconnect the AC adapter.
- 2) Attach the Cradle Device (CF-VEBH11AU) and plug in the AC Adapter.
- 3) Restart computer.
- 4) Click [Start] - [Computer], and then browse [C:\Util2\drivers\ex_lan\smc] folder.
- 5) Double-click install(.exe).
- 6) At the [User Account Control] screen, click [Yes].
- 7) When the message [Welcome to the LAN9500 Device Installer!] appears, click [Next>].
- 8) At the [License Agreement] screen, read carefully the license agreement, select [I accept the EULA], and then click [Next>].
- 9) When the message [Congratulations!...] appears, click [Finish].
- 10) Restart windows manually.

*** When all of the drivers are finished installing, restart PC.**

(13) [Only for models with GPS] Install GPS patch

- 1) Click [Control Panel] – [Hardware and Sound] – [Power Options] – [Choose what the power button does], and change [When I press the power button] to [Shut down] for [Plugged in].
- 2) Restart computer.
- 3) Press [F2] at Panasonic boot screen.
- 4) Select [Serial Port Configuration] in [Advanced] menu and set [GPS] to [Enable].

- 5) Press [F10] and [ENTER].
- 6) In Windows, the cursor might move irregularly; try to shutdown computer by pressing Power button, and power on the computer.
- 7) Press [F2] at Panasonic boot screen.
- 8) Select [Serial Port Configuration] in [Advanced] menu and set [GPS] to [Disabled].
- 9) Press [F10] and [ENTER].
- 10) In Windows, click [Start] – [Computer], and browse [C:\Util2\drivers\gps] folder.
- 11) Right-click **pinstall**(.bat), and select [Run as administrator].
- 12) At the [User Account Control] screen, click [Yes].
- 13) Click [Control Panel] – [Hardware and Sound] – [Power Options] – [Choose what the power button does], and change [When I press the power button] to [Sleep] for [Plugged in].
- 14) Restart computer.
- 15) Press [F2] at Panasonic boot screen.
- 16) Select [Serial Port Configuration] in [Advanced] menu and set [GPS] to [Enabled].
- 17) Press [F10] and [ENTER].

Step 7: Windows Update (OS: Windows 7)

Do settings for Internet connection, and execute Windows Update.

- 1) Click [Start] – [All Programs] – [Windows Update].
- 2) If the message [Download and install updates for your computer] appears, click [Install updates]. If it doesn't appear, click the link [Check for updates].
- 3) For installing RFID driver,
 - a. Click [xx optional updates are available].
 - b. Add check mark at [OMNIKEY – Other hardware – CardMan 5x21] and click [OK].
 - c. Click Install updates.
- 4) Follow the displayed instructions.

Step 8: Install applications for Windows 7 (OS: Windows 7)

(1) Install Panasonic Notification

- 1) Click [Start] – [Computer], and then browse [C:\Util2\pnnotif] folder.
- 2) Double-click setup(.exe) (displayed [Application] as [Type]).
- 3) At the [User Account Control] screen, click [Yes].
- 4) At the [Welcome to the InstallShield Wizard ...] screen, Click [Next>].
- 5) At the [Ready to Install the Program] screen, Click [Install].
- 6) Installation of the Application starts.
- 7) When the message [InstallShield Wizard Complete] appears, click [Finish].

(2) Install Panasonic Hand Writing

- 1) Click [Start] – [Computer], and then browse [C:\Util2\writing] folder.
- 2) Double-click setup(.exe) (displayed [Application] as [Type]).
- 3) At the [User Account Control] screen, click [Yes].
- 4) At the [Welcome to the InstallShield Wizard ...] screen, Click [Next>].

- 5) At the [Ready to Install the Program] screen, Click [Install].
- 6) Installation of the Application starts.
- 7) At the [InstallShield Wizard Complete] screen, select [Yes, I want to restart my computer now.] and then click [Finish].
- 8) Windows restarts.

Install the following applications only if necessary.

(3) Install TPM software (TPM Professional Package)

* The following procedure is for those who used TPM software on Windows Vista environment.

If TPM software wasn't used on Windows Vista, refer "README(.pdf)" file in [C:\util2\drivers\tpm].

- 1) Click [Start] – [Computer], and then browse [C:\util2\drivers\tpm\infineon] folder.
- 2) Double-click setup(.exe).
- 3) At the [User Account Control] screen, click [Yes].
- 4) If the [InstallShield Wizard] screen appears, click [Install].
- 5) At the [Welcome to the InstallShield Wizard for Infineon TPM. . .] screen, confirm [Version 3.6] is displayed and click [Next>].
- 6) At the [License Agreement] screen, read carefully the license agreement, select [I accept the terms in the License agreement], and click [Next>].
- 7) Confirm Customer Information and click [Next>].
- 8) At the [Setup Type] screen, select [Complete], click [Next>], and click [Install].
Installation of the Application starts.
- 9) At the [InstallShield Wizard Completed] screen, click [Finish].
- 10) If the message [You must restart your system], click [Yes]. Windows restarts.
* If Readme [Release Notes] appears, close the window.
- 11) Check TPM software
 - (1) After logon, click [Start]-[All Programs]-[Infineon Security Platform Solution].
 - (2) Click [Manage Security Platform]
 - (3) Confirm Security Platform Solution version is 3.6 on [Info] tab.
- 12) Additional Information
Encryption key and various setting are carried over from previous OS and are ready to use.

(4) Install Fingerprint driver and Application

- 1) Click [Start] and right -click [Computer] to select [Properties], and click [Device Manager].
- 2) If the [User Account Control] screen appears, click [Yes].
- 3) Double-click [Biometric Devices] - [TouchChip Fingerprint Coprocessor].
- 4) At the [Driver] tab, click [Update Driver. . .]
- 5) Click [Browse my computer for driver software].
- 6) At [Search for driver software in this location:], enter [C:\Util2\drivers\fngprint], and click [Next].
- 7) When the message [Windows has successfully updated your driver software] appears, click [Close].
- 8) Click [Close], and then close the [Device Manager] window.

- 9) If the message [Do you want to restart your computer now?] appears, close the windows and click [Yes].
Windows restarts.
- 10) Click [Start] – [Computer], and then browse [C:\Util2\drivers\fnprint\install] folder.
- 11) Double-click setup32(.exe).
- 12) At the [User Account Control] screen, click [Yes].
- 13) At the [Welcome to the Protector Suite...] screen, click [Next>].
- 14) Follow the messages displayed and click [Next>], [Next>].
Software installation proceeds.
- 15) When the message [...successfully installed.] appears, click [Finish].
- 16) If the message [You must restart your system], click [Yes].
Windows restarts.
- 17) If you have an exported data, click [Control Center] – [Identify] – [Account Operations] – [Import user data] and import the data by following the displayed instructions.
If the confirmation message about deleting the current user's data, click [Yes].
If Power-on Password was set, click [Identify] - [Power-on Password], delete check mark for [Power-On] in [Password Types], and add a check mark for [Power-On]. Then enter the Power-On password again.

3. Appendix

3-1. About Adobe Reader

The Adobe Reader which was installed in Windows Vista can be used in Windows 7 as it is.

However, the official Windows 7 which supported Adobe Reader is the version 9 or later.

Please install the latest version which will be available soon on the following website.

<http://www.adobe.com/>

4. Restrictions

4-1. INDEMNIFICATION

Panasonic Corporation shall assume no indemnity obligation to the customers, hold harmless Panasonic Corporation and its subsidiaries, affiliates, directors, officers, employees, agents and independent contractors retained by Panasonic Corporation from and against any loss, cost, liability or expense (including, but not limited to, court costs and reasonable fees of attorneys and other professionals) arising out of or resulting from any use of this utility or any claim against the customers from the third party.

4-2. Revision history

30th Nov. 2009 : 1st version.