

Read the instructions of this user's guide and use the product correctly before use.  
It consists of the instructions about the basic operation of the product.



### *Notice*

- ☞ To install PC Manager, O/S must be Windows XP Service Pack 3 or higher.
- ☞ Windows Media Player 11 or higher version is necessary to perform KDS.
- ☞ On Windows 8, .NET 3.5 Framework must be activated before PC Manager is installed.
- ☞ Before install PC Manager, please shut down all running programs.



### *Warning*

- ☞ GIT assumes no liability that the data loss on the user's PC during transmission, repair or installation of the PC Manager data. We recommend you to back up the important data.
- ☞ The inappropriate device removal can cause the serious H/W malfunction. Be sure to remove the device after completion of the work.
- ☞ All the data contained to this program must not be reproduced in any form without the prior written permission of GIT.

## Basic Function



These are the basic functions to be utilized with PC Manager. It is always displayed at the top of the screen regardless of the running functions. Refer to [PC Manager Basic Function] to use.

**1****Login**

Some PC Manager functions are limited to use when it is not certified. Be sure to log in before use.

**2****User Guide**

The user checks how to use KDS and PC Manager on User's Guide.

**3****Config**

The user can configure the user environment on PC Manager.

**4**

When you press [Home] button, it goes to the Main screen.

\* [Home] button is limited to use, while the specified functions are executed.



### *Notice*









**These basic function buttons are located at the top of the screen. While some critical functions are executing, the functions are limited to use.**

## Main Function

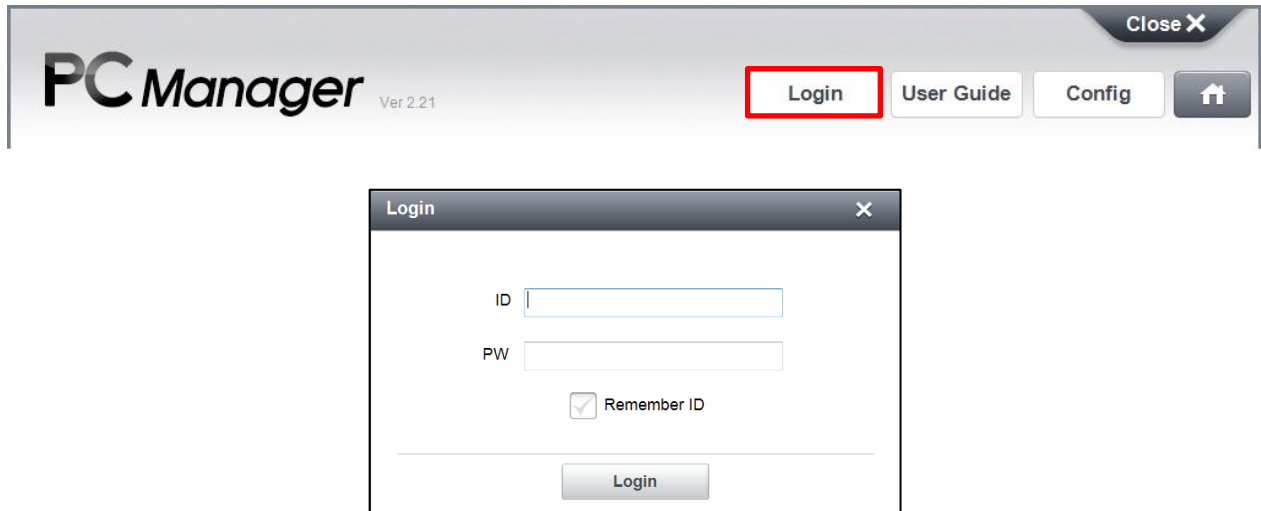
There are 6 main functions on PC Manager: Diagnostic Program Installation, Internet Update, Service Information Installation, Diagnostic Program Recovery, Recorded Data Manager and SD Card Format. When the users put a cursor over the each button, the description of the function appears on the bottom of the screen.



	<b>KDS Program Installation</b>	Installs the KDS to the tablet for the first time or update Diagnostic Program. (Connect the tablet by USB cable)
	<b>Service Information Installation</b>	Copies the Service Information files(ex. DTC Guide, Shop Manual, etc.) to the Micro SD Card. (Connect the Micro SD Card by Card Reader)
	<b>Recorded data Manager</b>	Copies and deletes the saved files in the tablet or VCI/VCI II module. Analyze the Data or Image file saved in PC. (Connect the Micro SD Card by Card Reader)
	<b>PC Manager Internet Update</b>	Downloads the latest KDS manually from the Server to PC. (Internet should be available)
	<b>KDS Program Recovery</b>	Initializes the KDS. KDS will be reinstalled (Connect the tablet by USB cable)
	<b>SD Card Format</b>	Formats the Micro SD Card for KDS. Recorded data and Service information backup is possible. (Connect the Micro SD Card by Card Reader)

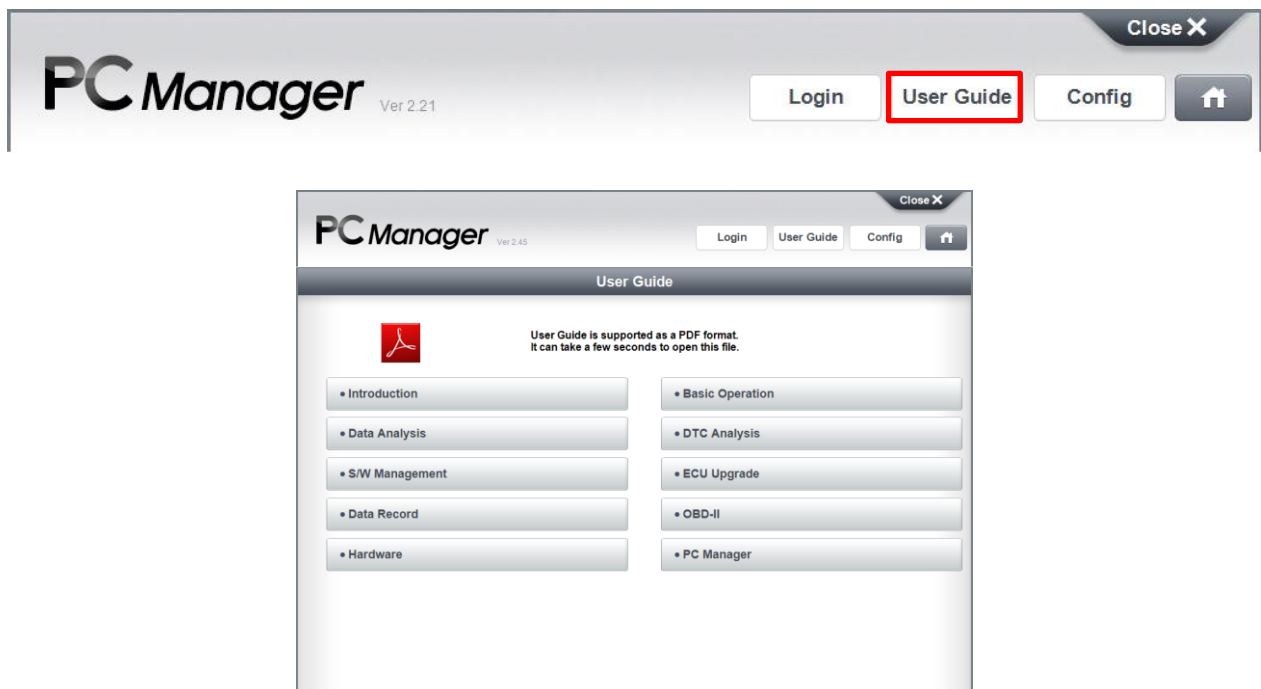
## Login

It is the process of user authentication. To Login, please enter your ID/PW.



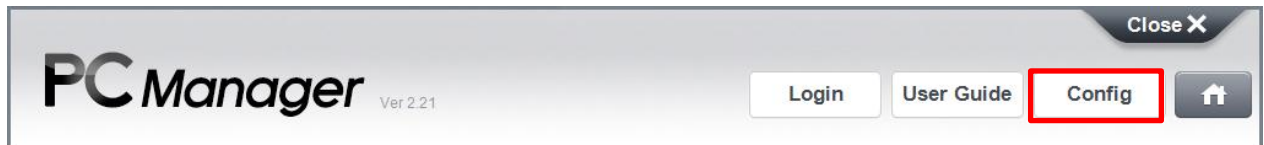
## User Guide

The users can check User Guide on PC manager or KDS as a PDF format.



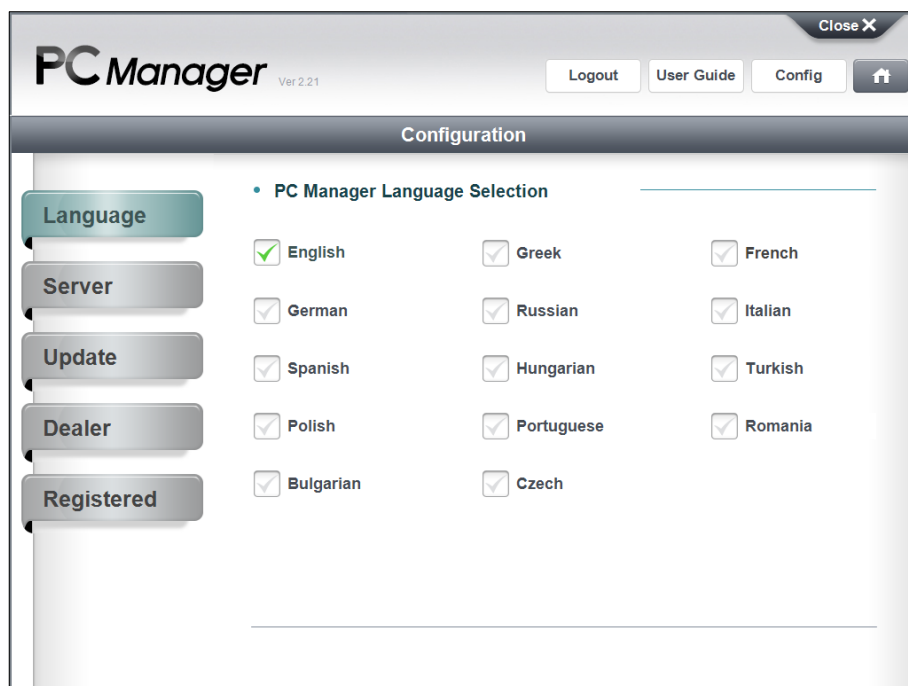
## Config

The users set up PC Manager environment.(language, Internet setting, etc.)



### ◆ Language

This is to set the language displayed on PC Manager.



## ◆ **Server**

### ◆ Server Connection

This is a function to secure or change the connected server URL of the PC Manager.  
(If you randomly change it, you cannot use the PC Manager functions correctly.)

Reset : This button is to initialize Server URL address.

The screenshot shows the 'PC Manager' application window, version 2.2.1. The title bar includes a 'Close X' button. The main menu bar contains 'Logout', 'User Guide', 'Config', and a home icon. The 'Configuration' section is active, with a sidebar on the left containing buttons for 'Language', 'Server' (highlighted), 'Update', 'Dealer', and 'Registered'. The 'Server Connection' tab is selected, showing two input fields: 'Global Service Way URL' and 'Internet Update Server URL'. A 'Proxy Setting' button is located to the right of these fields. At the bottom of the configuration area are 'Save' and 'Reset' buttons.

### ◆ Proxy Setting

This is to set Internet connection on PC Manager when the user use proxy network.



The screenshot shows the 'PC Manager' application window, version 2.21. The 'Configuration' tab is active, and the 'Server Connection' sub-tab is selected. On the left, there is a sidebar with buttons for 'Language', 'Server', 'Update', 'Dealer', and 'Registered'. The 'Server' button is highlighted. The main content area shows the 'Server Connection' settings. A checkbox labeled 'Proxy On' is checked. Below it, there are four input fields: 'Server IP', 'Port', 'User ID', and 'User Password'. A note states: 'Only use for connection to the internet via Proxy Server.' At the bottom, there are 'Save' and 'Reset' buttons.

### ⚠ *Caution*

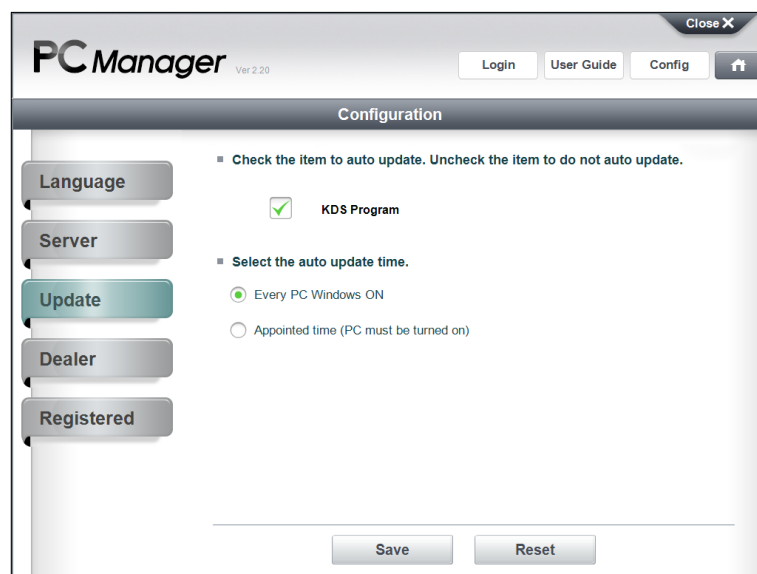
☞ Proxy setting is only for the proxy network user. If you are a general network user, do not mark "V" on it. It may be the cause for the PC Manager operation trouble.

## ◆ Update

This is to set Auto Update function of PC Manager, which is to download the latest KDS update files from Internet Update server.

### ◆ Every PC Windows ON

Whenever PC starts, the Internet Update files are automatically downloaded from the server to PC Manager.





♦ Appointed time (PC must be turned on)

The user can appoint the date and time to download the latest Internet Update files from the server to PC Manager.

The screenshot shows the 'PC Manager' configuration window, version 2.20. The 'Update' tab is selected in the left sidebar. The main area is titled 'Configuration' and contains the following settings:

- Check the item to auto update. Uncheck the item to do not auto update.**
  - ☒ KDS Program
- Select the auto update time.**
  - ☐ Every PC Windows ON
  - ☒ Appointed time (PC must be turned on)

Under the 'Appointed time' option, there is a time picker set to 12:00 AM. Below the time picker, the days of the week are listed with checkboxes: All, SUN, MON, TUE, WED, THU, FRI, SAT. All checkboxes are currently checked.

At the bottom of the configuration area are 'Save' and 'Reset' buttons.

## ◆ Dealer

The User's information is able to be saved and displayed on this page.

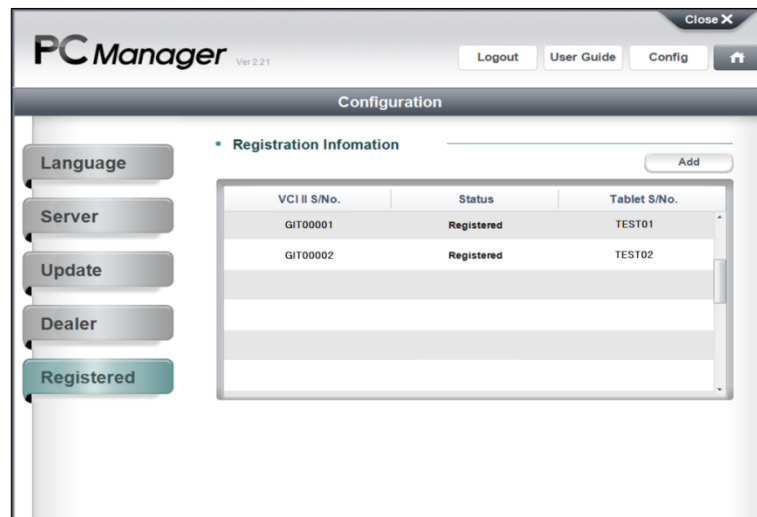


The screenshot shows the 'PC Manager' application window with the 'Configuration' tab selected. On the left, there is a vertical menu with buttons for 'Language', 'Server', 'Update', 'Dealer' (which is highlighted), and 'Registered'. The main area displays the 'Dealer Information' form. The form includes fields for 'Region', 'ID', 'Tel.', 'Address', 'Maker', 'Name', and 'E-Mail'. A 'Save' button is located at the bottom right of the form area.

Region	Maker
<input type="text"/>	<input type="text"/>
ID	Name
<input type="text"/>	<input type="text"/>
Tel.	E-Mail
<input type="text"/>	<input type="text"/>
Address	
<input type="text"/>	

## ◆ Registration


You can check on the status of the Tablet PC registration through a login account on the PC Manager.



The screenshot shows the 'PC Manager' application window with the 'Configuration' tab selected. On the left, there is a vertical menu with buttons for 'Language', 'Server', 'Update', 'Dealer', and 'Registered' (which is highlighted). The main area displays the 'Registration Information' table. An 'Add' button is located at the top right of the table. The table has three columns: 'VCI II S/No.', 'Status', and 'Tablet S/No.'. It contains two rows of data, both with a status of 'Registered'.

VCI II S/No.	Status	Tablet S/No.
GIT00001	Registered	TEST01
GIT00002	Registered	TEST02

## Home

When you click “” button, it goes to the main screen.

\* [Home] button is limited to use, while the specified functions are executed.





**KDS  
Program  
Installation**

Install the KDS to the tablet PC.  
(Connect the tablet by USB cable)



## *Notice*

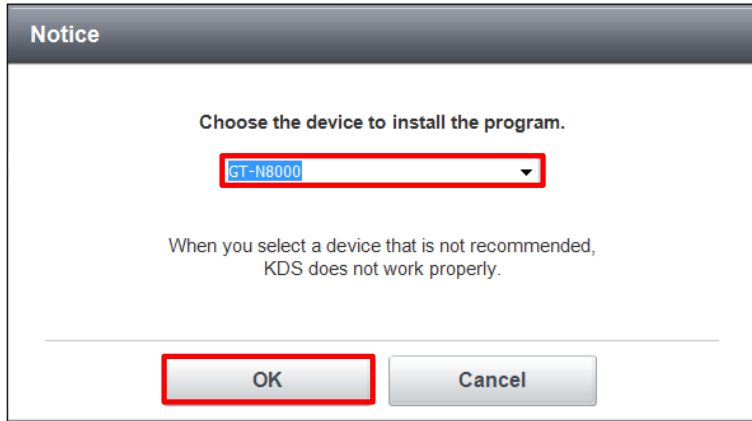
- ☞ The Tablet PC should be connected to the PC.
- ☞ The tablet PC should have enough battery.
- ☞ To install KDS, the user must log-in.

## Step 1 Prepare to install KDS

To install KDS, APP for KDS installation should be transferred to tablet PC.

1

Choose the one of the items on the device list, which you want to install Diagnostic Program on and click [OK] button.



### Caution



If the several removable storage devices are connected to the PC, it can interrupt the installation of Diagnostic Program on the proper device.

2

Install GITMinstaller.apk on tablet PC by following the instruction on PC Manger.



### 3 Connect the Tablet PC to the internet.



### 4 Activate Unknown Sources.



5

Execute “My Files” or “File Manager.”

If the relevant application doesn't exist, please search & install the application from “Play Store”



6

Transfer the setup program to the tablet.



### Notice

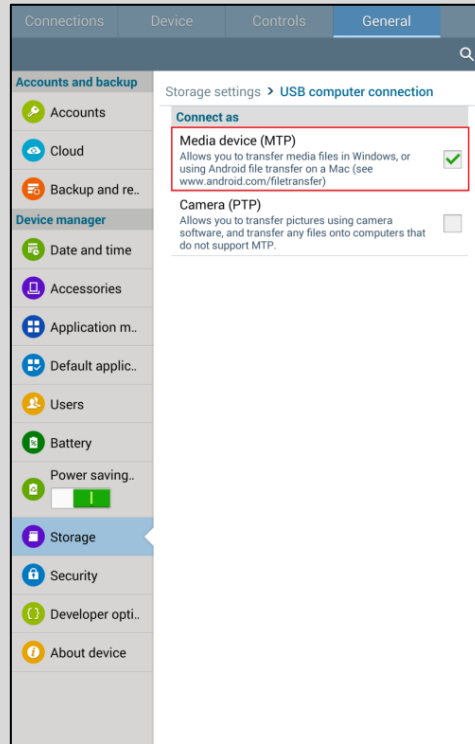


If PC cannot recognize your tablet, simply unplug USB cable and plug it again.



## Caution

- ☞ Before performing the installation, the user must enable “Media device(MTP)” USB Mode. Open the notifications panel and click the “Media device(MTP)”



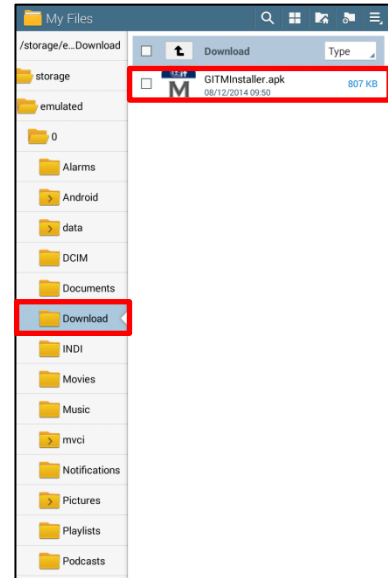
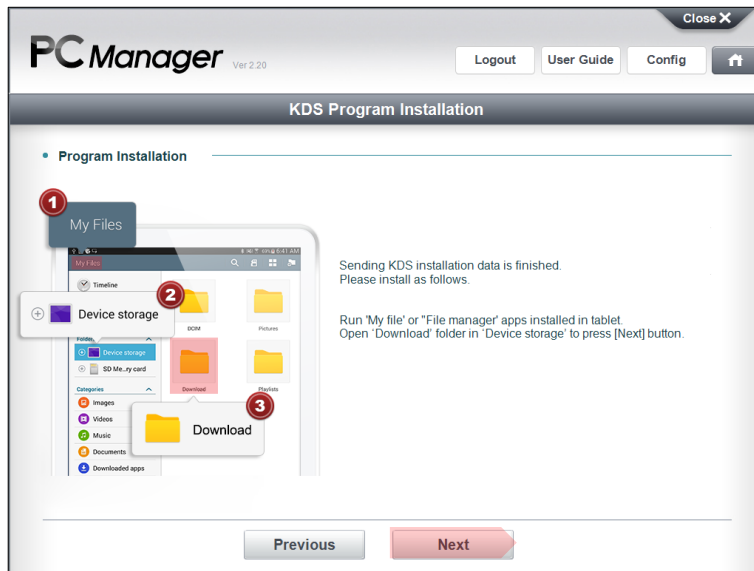


## Step 2 Install GITMInstaller.apk

Install GITMInstaller.apk by following the instruction.

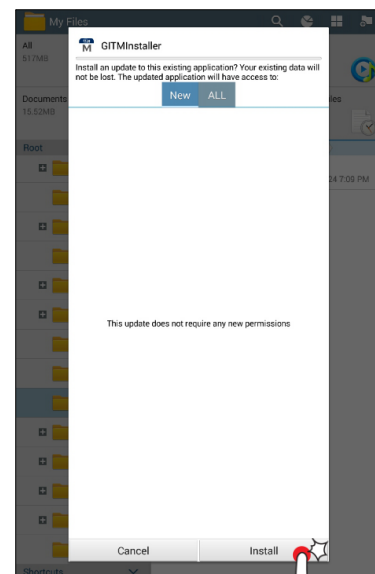
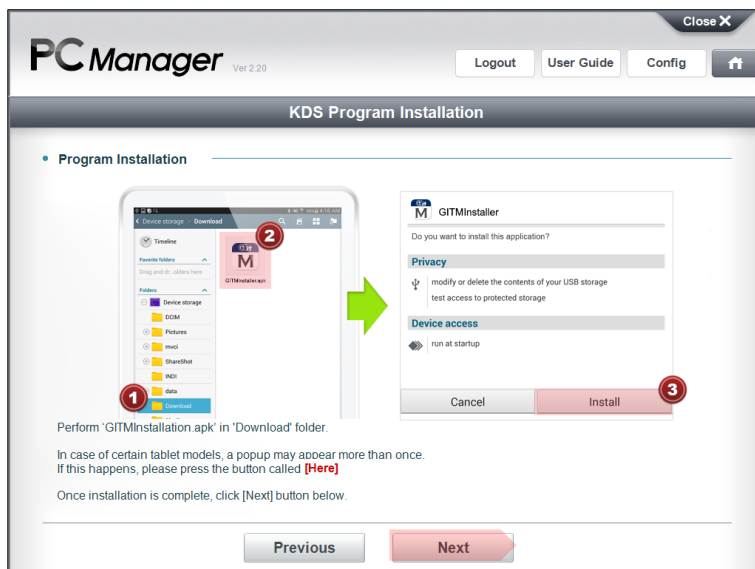
1

Find “Download” folder and tap GITMInstaller.apk on Tablet PC as following the instruction on the screen.

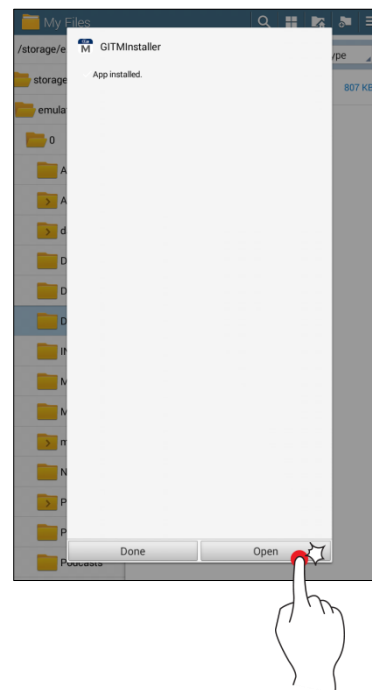


2

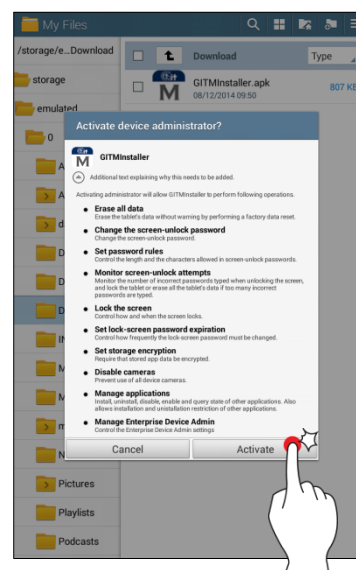
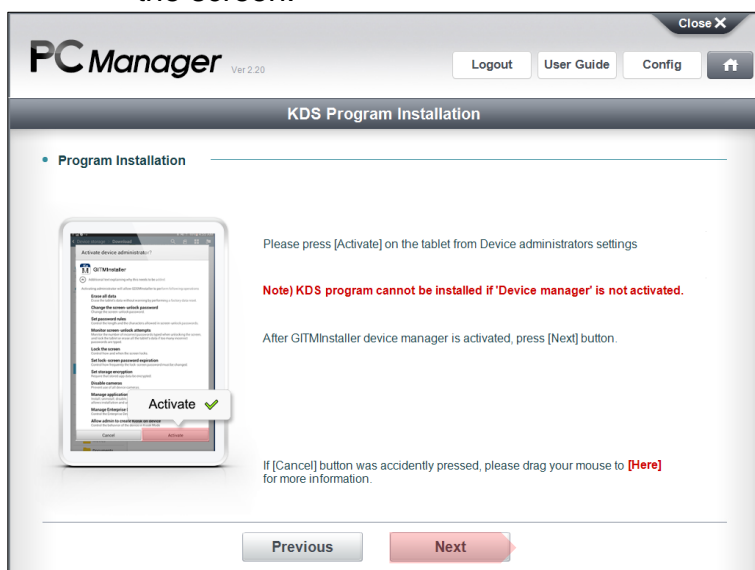
Tap [Install] button on GITMInstaller install screen as following the instruction on the screen.



- 3 Tap [Open] button on GITMinstaller screen as following the instruction on the screen.



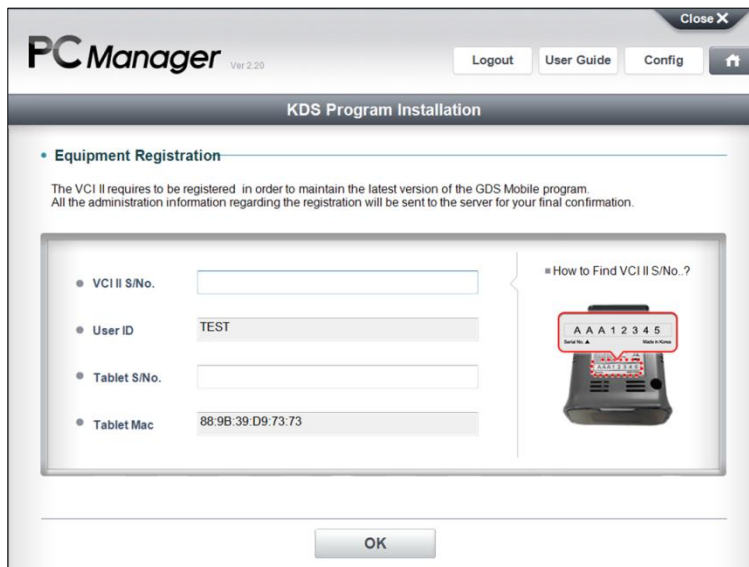
- 4 Tap [Activate] button on GITMinstaller screen as following the instruction on the screen.



## Step 3 Register Tablet PC and VCI II

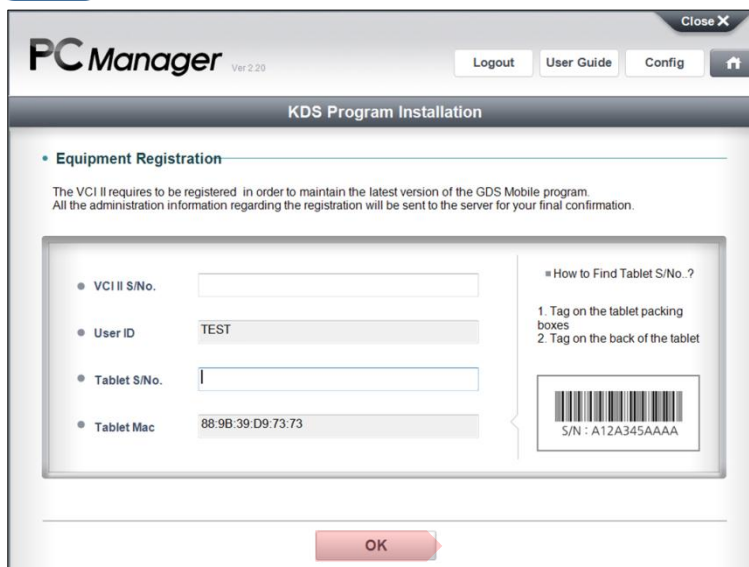
To use KDS properly, the tablet PC should be registered through PC manager.

### 1 Enter VCI II Serial No.



The screenshot shows the 'PC Manager' application window, version 2.20. The title bar includes 'Close X', 'Logout', 'User Guide', 'Config', and a home icon. The main window has a header 'KDS Program Installation'. Below it is a section titled 'Equipment Registration' with a note: 'The VCI II requires to be registered in order to maintain the latest version of the GDS Mobile program. All the administration information regarding the registration will be sent to the server for your final confirmation.' The registration form contains four fields: 'VCI II S/No.' (empty), 'User ID' (filled with 'TEST'), 'Tablet S/No.' (empty), and 'Tablet Mac' (filled with '88-9B-39-D9-73-73'). To the right of the form is a section titled 'How to Find VCI II S/No.?' with an image of a VCI II device. The device has a label with 'Serial No. A' and 'Made in Korea'. Below the form is an 'OK' button.

### 2 Enter Tablet PC Serial No. and click [OK] button to register



The screenshot shows the 'PC Manager' application window, version 2.20. The title bar includes 'Close X', 'Logout', 'User Guide', 'Config', and a home icon. The main window has a header 'KDS Program Installation'. Below it is a section titled 'Equipment Registration' with a note: 'The VCI II requires to be registered in order to maintain the latest version of the GDS Mobile program. All the administration information regarding the registration will be sent to the server for your final confirmation.' The registration form contains four fields: 'VCI II S/No.' (empty), 'User ID' (filled with 'TEST'), 'Tablet S/No.' (empty), and 'Tablet Mac' (filled with '88-9B-39-D9-73-73'). To the right of the form is a section titled 'How to Find Tablet S/No.?' with a list of instructions: '1. Tag on the tablet packing boxes' and '2. Tag on the back of the tablet'. Below the list is a barcode with the text 'S/N : A12A345AAAA'. Below the form is an 'OK' button.



### Notice

 To register tablet PC to server, PC Manager should be connected to Internet.

3

If there exists registered information, you may see the screen below

**Notice**

There exists registered information on the server.  
 Be sure that actual Dealer Code exactly matches VCI II S/No.  
 for proper update management.  
 If the information is entered incorrectly, the product operation can be limited.

Add

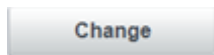
Change

Cancel



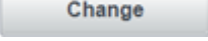
## Caution

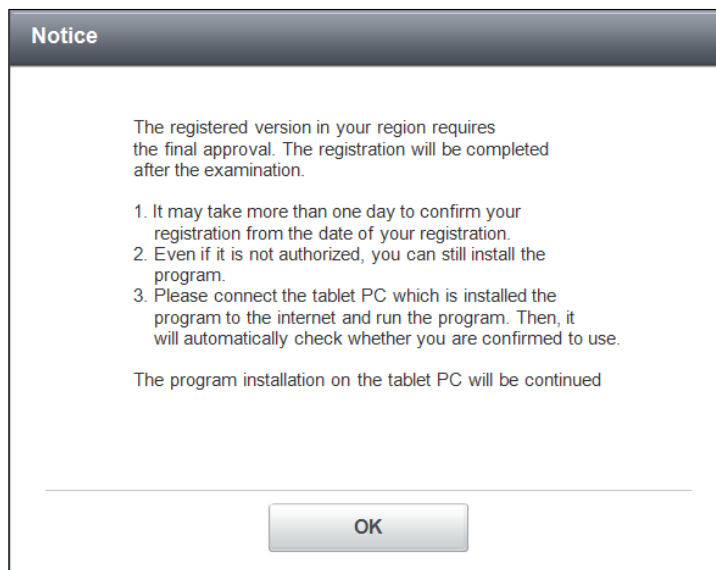
☞ If you are going to use more than 1 Tablet PC, Press the  button. Otherwise, press the  button.



Button



When pressing the  button, you will see a list of what you previously registered. Choose one in the list for change.



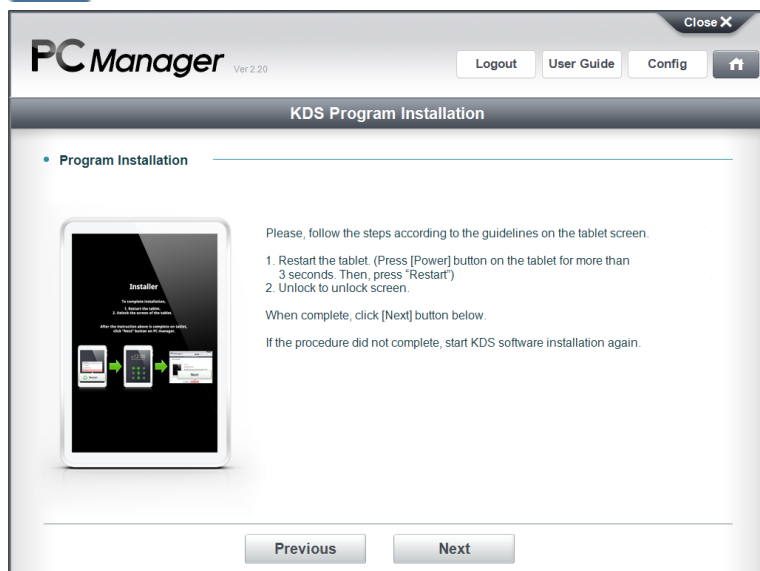
- Even after the installation, the user would not be able to use KDS without server authentication.

- It may take less than 24hours to confirm your registration.

## Step 4 Transfer KDS Installation Data

1

### Restart the Tablet PC



Please restart your tablet in order to transfer Installation Data.



### Notice



**After Tablet PC restarts by following the instruction on the screen, KDS starts to install.**

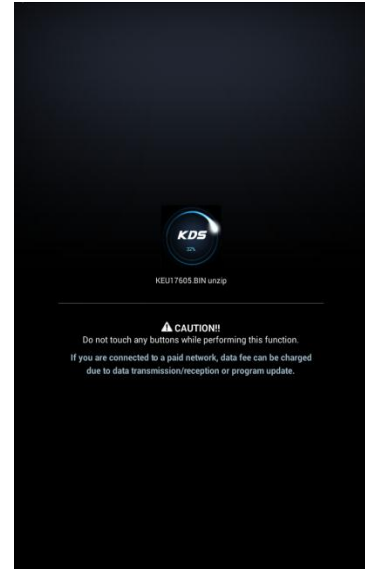
## 2

## Transfer Installation Data to the Tablet PC



## Step 5 Install KDS

### 1 Program Installation



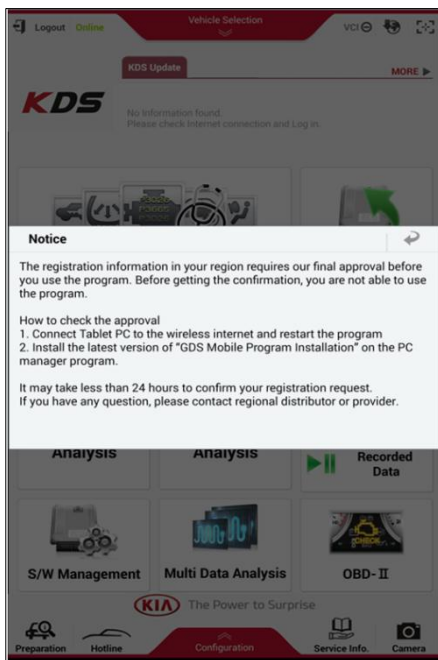
### 2 After installation, KDS will execute automatically





## 3

## Final approval Notice



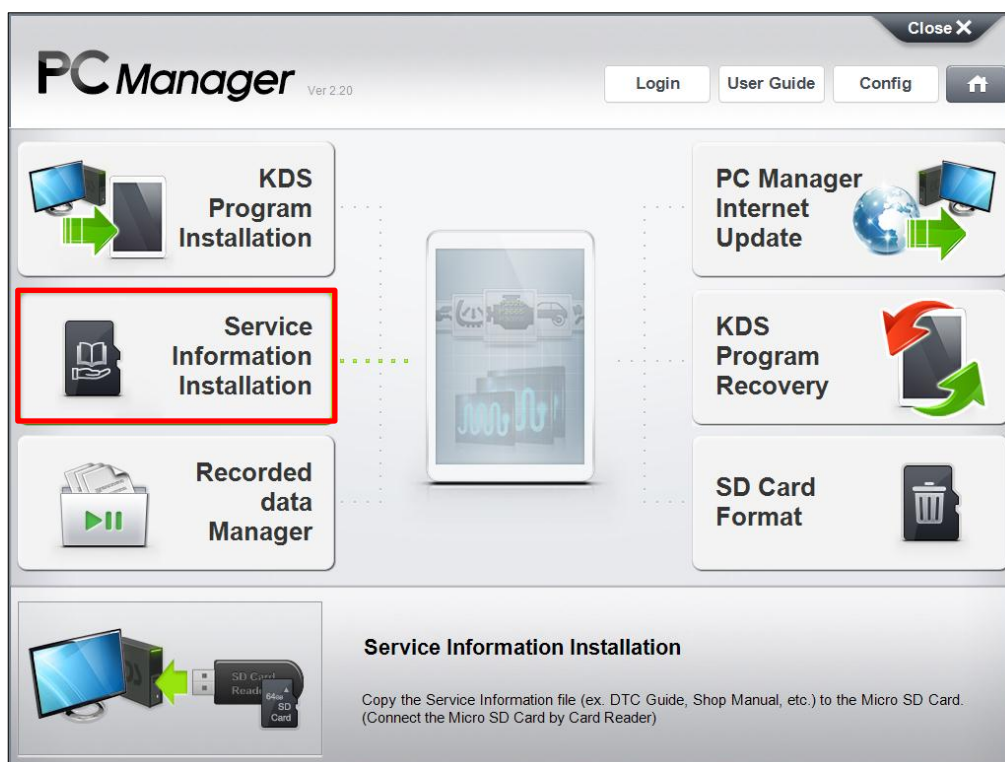
Before getting the confirmation from the server, the users are not able to use the program.

It may take less than 24 hours to confirm your registration request.

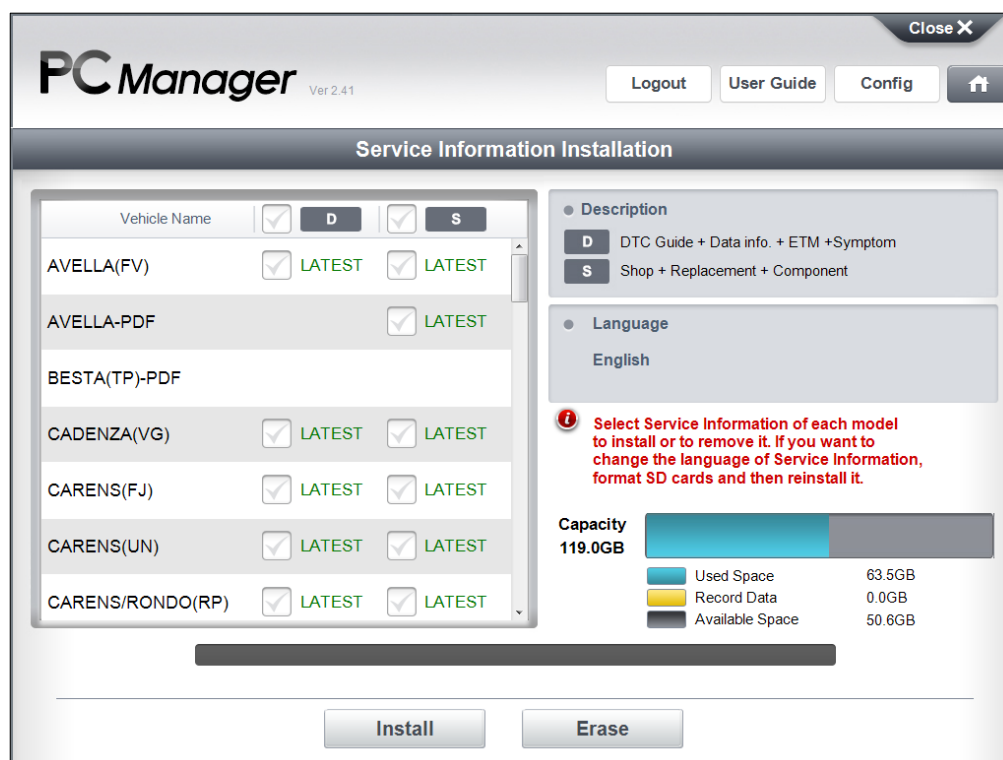


**Service  
Information  
Installation**

Install the Service Information files(ex. DTC Guide, Shop Manual, etc.) to the Micro SD Card.  
(Connect the Micro SD Card by Card Reader)



## Screen Description



### *Notice*

- ☞ In order to store the Service information on SD card, be sure to install Contents Pack after installing PC Manager. (If you want to use KDS in your own language, Language DVD must be installed after the installation of PC Manager/Contents Pack.)
- ☞ Be sure to format SD card by SD card Format function on PC Manager.

◆ Vehicle Selection for Service Information Installation

Vehicle Name	<input checked="" type="checkbox"/> D	<input checked="" type="checkbox"/> S
AVELLA(FV)	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> NONE
AVELLA-PDF	<input checked="" type="checkbox"/> NONE	
BESTA(TP)-PDF		
CADENZA(VG)	<input checked="" type="checkbox"/> LATEST	<input checked="" type="checkbox"/> LATEST
CARENS(FJ)	<input checked="" type="checkbox"/> LATEST	<input checked="" type="checkbox"/> LATEST
CARENS(UN)	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> NONE
CARENS/RONDO(RP)	<input checked="" type="checkbox"/> LATEST	<input checked="" type="checkbox"/> LATEST

Select the vehicles for Service information to store on SD card for KDS. Before Service Information is installed, be sure to check if the SD card has the enough free space for it.

\* Mark Division

**NONE** : Service information is not installed on the SD card.

**LATEST** : The latest Service Information is installed on SD card.

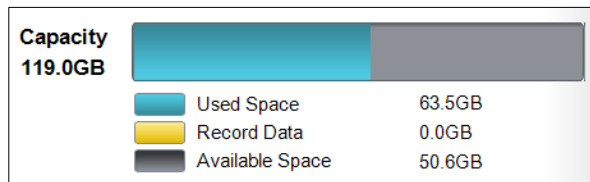
◆ Supported Language for Service Information


● Language


English, Russian


It displays the supported language for Service Information selected on the previous step.

◆ SD Card Capacity Display



 : It displays the capacity of Service Information on SD card

 : It displays the capacity of Record Data on SD card

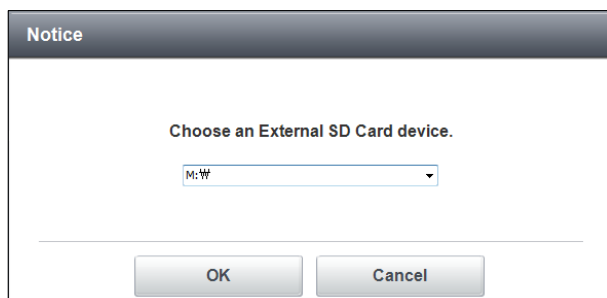
 : It displays the free space on SD card



**Notice**

☞ **5 GB is reserved for Record Data on SD card. Thus, it is able to install Service Information in the rest of space on SD card.**

## ◆ Service Information Installation

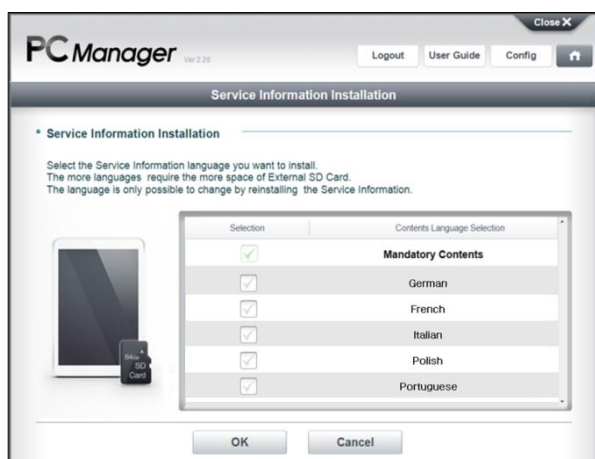


Click “Service Information Installation” on main page of PC manger and the drive path pop-up window appears.



### *Caution*

☞ **Be sure to select the exact SD card drive to install Service Information.**



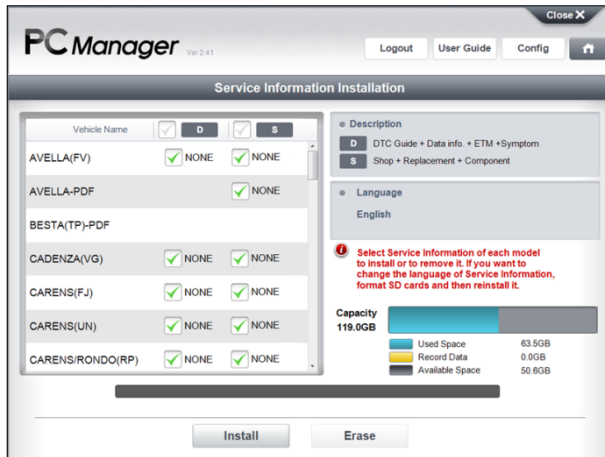
Select the language for Service Information to be stored on SD card.

English is selected as an essential language. The other language is optional and the user can select the local language for his preference.



### *Notice*

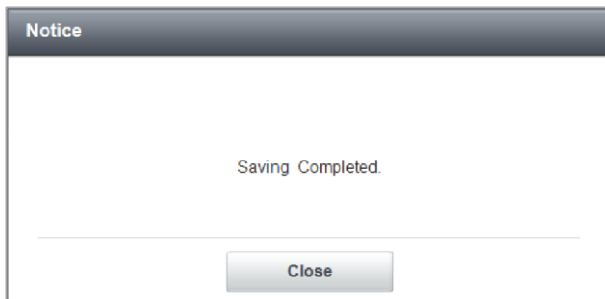
☞ **To install other language except for English on SD card, the user must install the Language DVD on the PC.**



Select the kind of Service Information and the vehicles to be installed on SD card. The capacity to save Service Information data on SD card is limited.

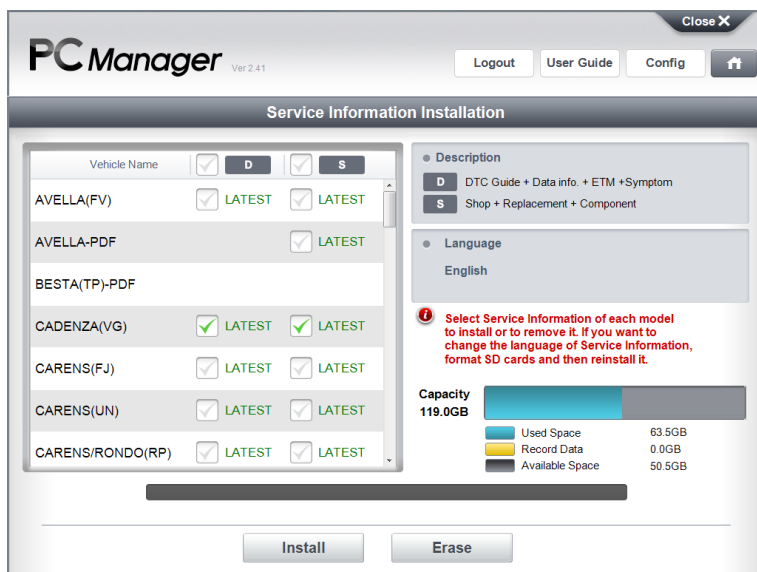
**D** DTC Guide, Data Info, ETM, Symptom

**S** Shop, Replacement, Component

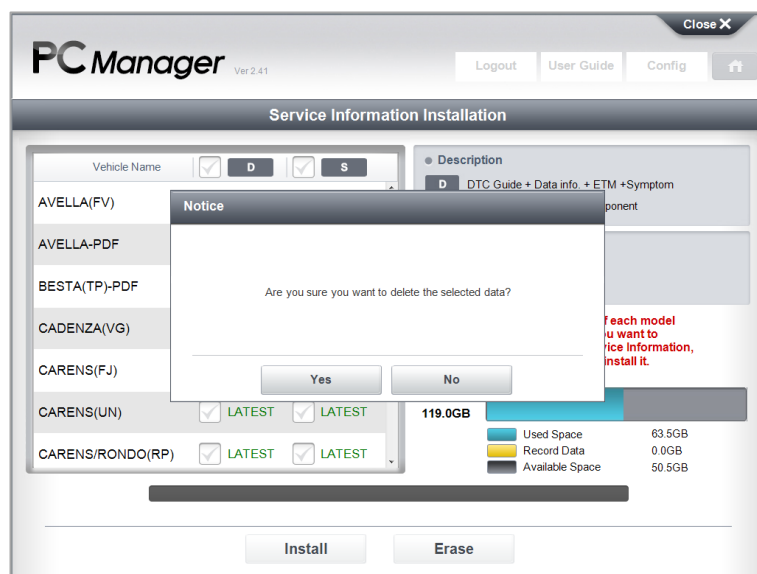


When Service Information installation is complete, the pop-up window appears. Insert SD card into the tablet PC and check if the Service Information displays correctly.

## ◆ Service Information Erase



Select the vehicles of the service information on SD card that you want to delete and click [Erase] button.

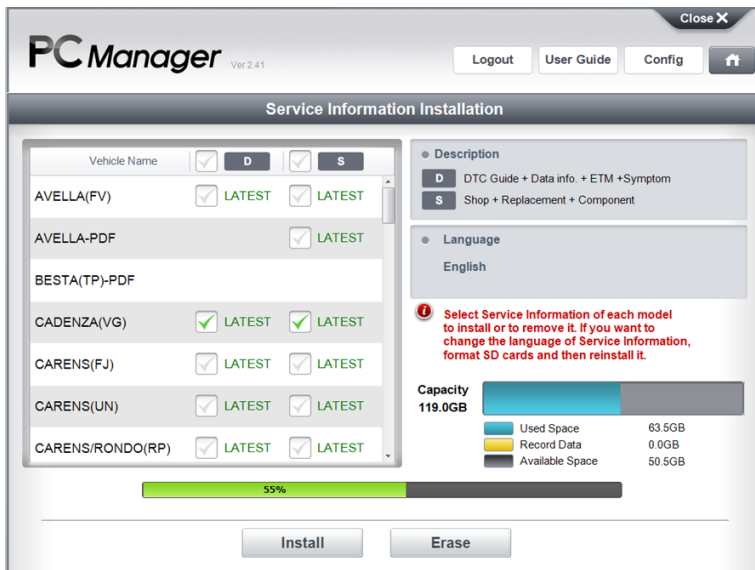


When the pop-up window appears like above, click [Yes] button.

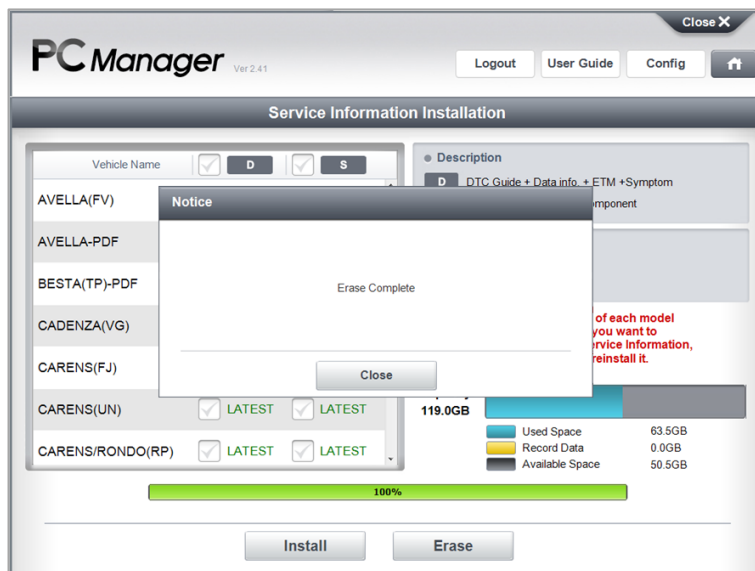


### Notice

☞ **While deleting Service Information, it cannot be canceled. Be sure to select the exact vehicle that you want to delete.**



Service Information is being deleted.

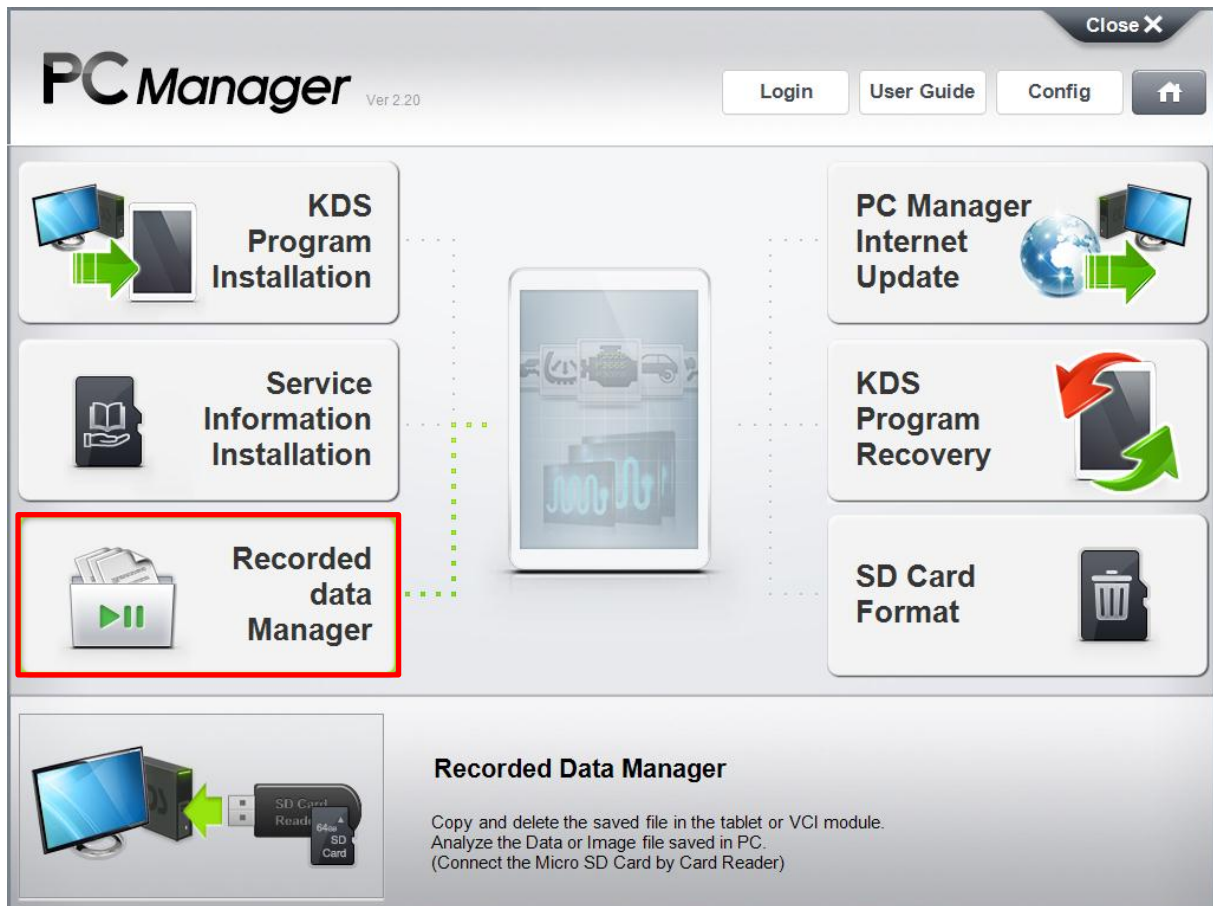


Service Information deletion has been complete.





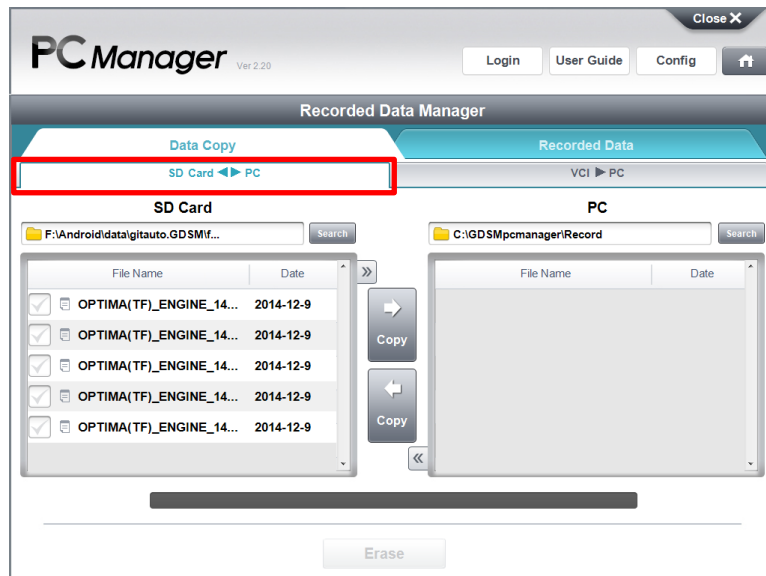
Copy and delete the saved file in the tablet or VCI module.  
Analyze the Data or Image file save in PC.  
(Connect the Micro SD Card by Card Reader)



## Data Copy

### ◆ SD Card ↔ PC

It is able to copy the recorded data from SD card to PC or vice versa.



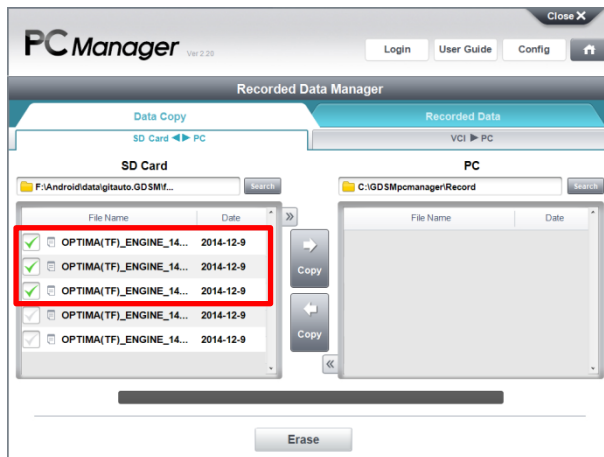
### Notice

☞ The Recorded data is automatically saved to  
**F:\Android\data\gitauto.GDSM\files\mvdata\Record**


Record folder is where the record files will be placed when copying is finished.

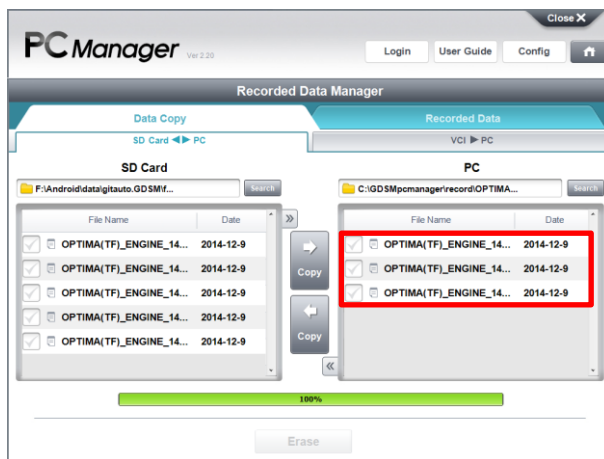


◆ Copy the data between SD Card and PC



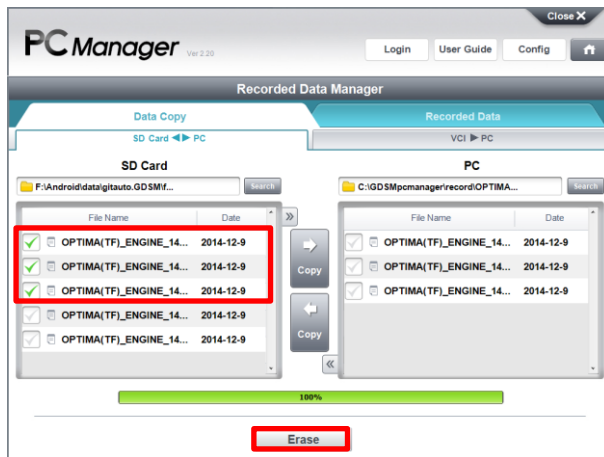
Select the Record Data on SD card or PC and click [Copy] with the correct direction.

\* The selected items are marked as  on the left side of it.




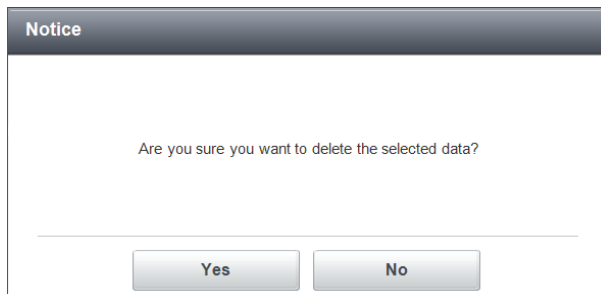
When the progress bar at the bottom reaches at 100%, the data copy is complete.

## ◆ Recorded Data Deletion



Select the Record Data on SD card or PC and click **Erase** button to delete. The pop-up window appears to check if you want to delete it or not.

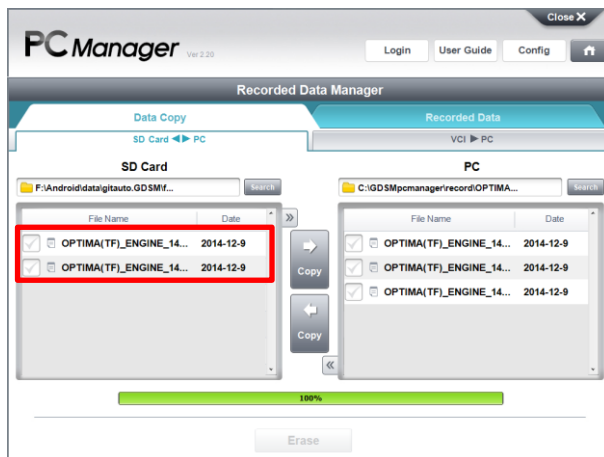
\* The selected items are marked as  on the left side of it.



When you click **Yes** button, the selected data is deleted.

**Yes** : Continue to delete data

**No** : Cancel deleting data

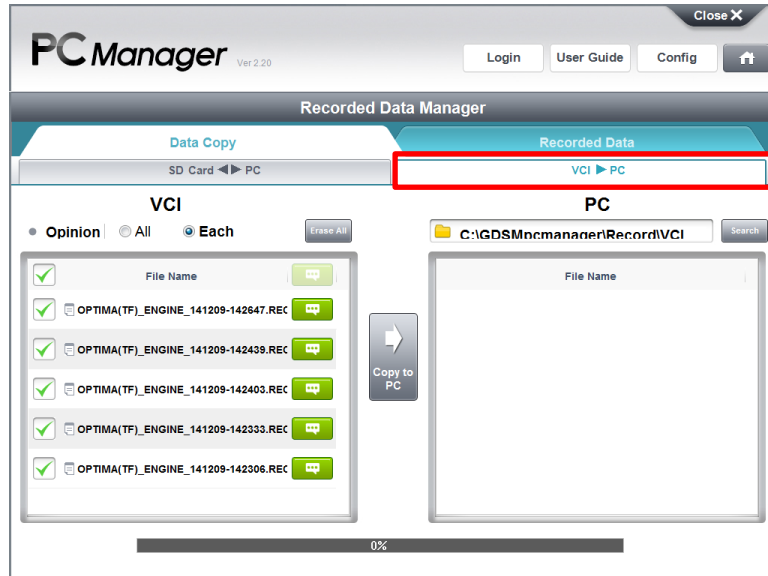


## **Caution**

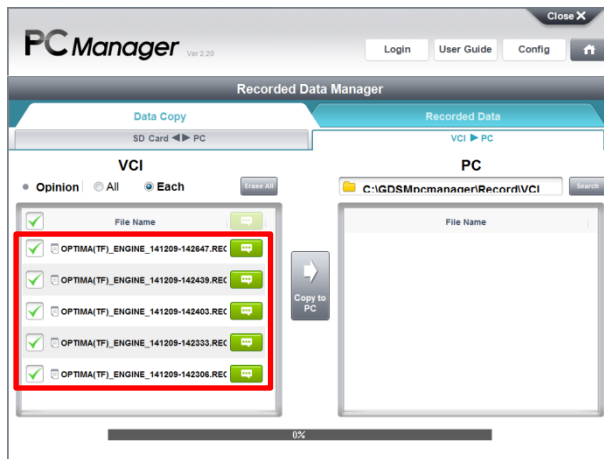
 The deleted data is not able to be recovered, so be careful when you select the data to be deleted.

## ◆ VCI ► PC


By “Flight Record” function, the data on VCI can be saved to PC without going through KDS.

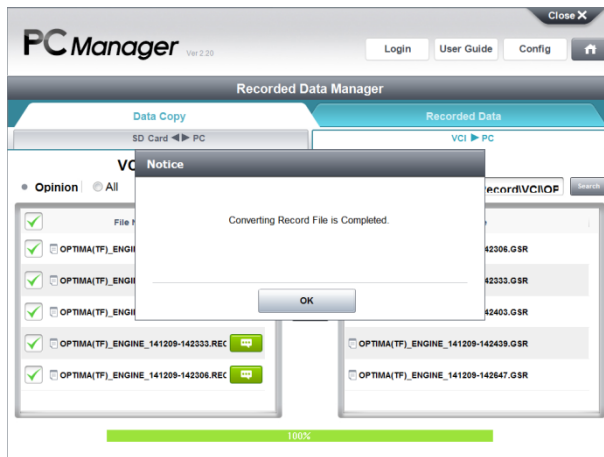


◆ Copy the data from VCI to PC.



Select the Record Data on VCI and click “Copy” with the correct direction.

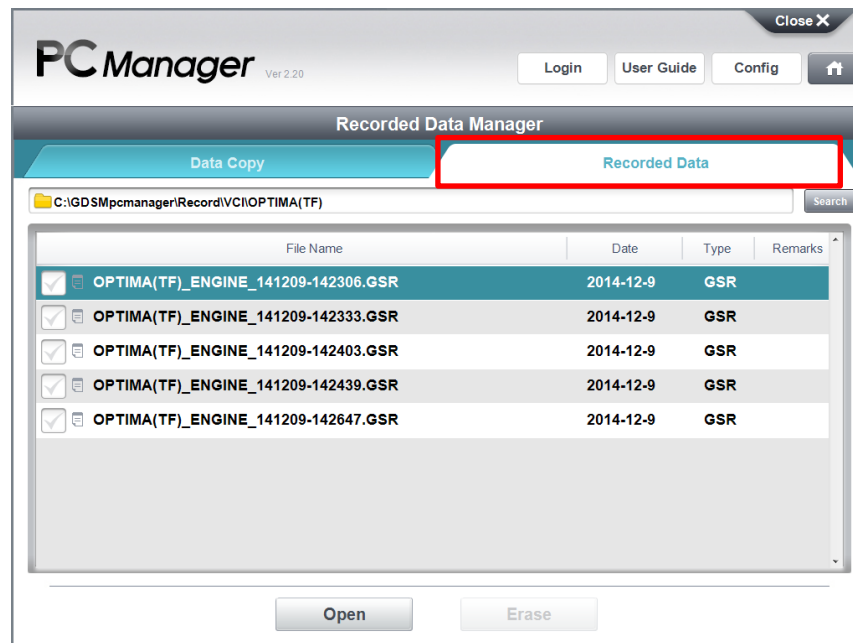
\* The selected items are marked as  on the left side of it.



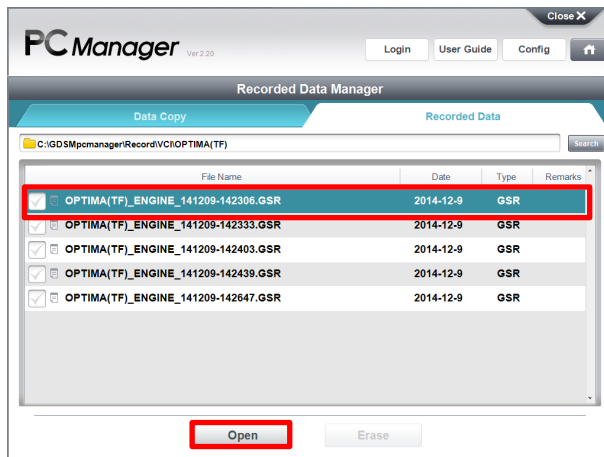
When the progress bar at the bottom reaches at 100%, the data copy is complete.

## Recorded Data

The user can check the selected Recorded Data as a text or a graph mode by Data Viewer. This function is to manage the recorded data and to analyze the data by Data View.



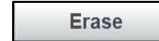
## ◆ Display Recorded Data



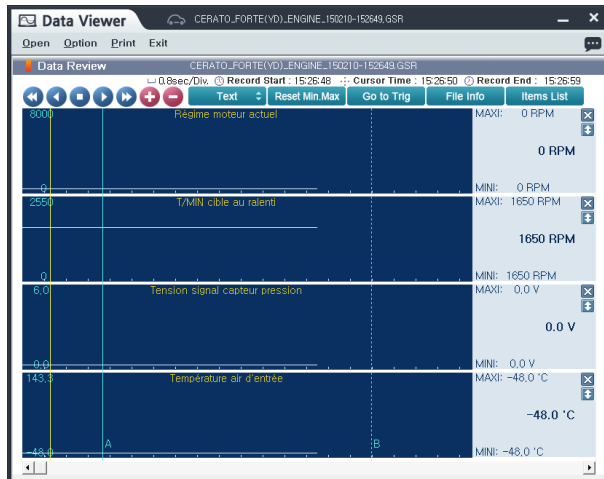
Select the Recorded Data to check the problem when the data was recorded. Click **Open** button, and the data is displayed by Data Viewer.



Displays the Recorded Data by Data view.

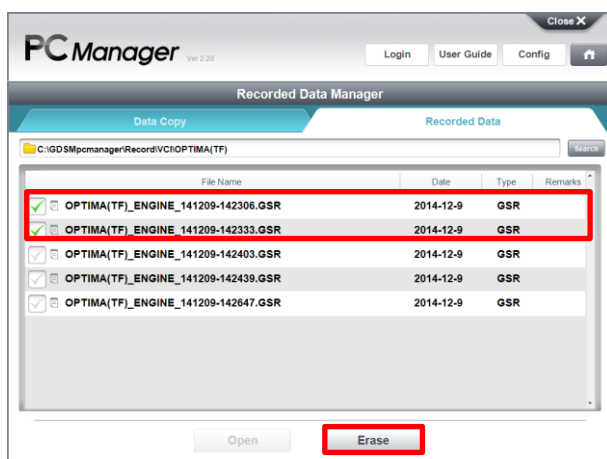


Erase the selected Recorded Data.




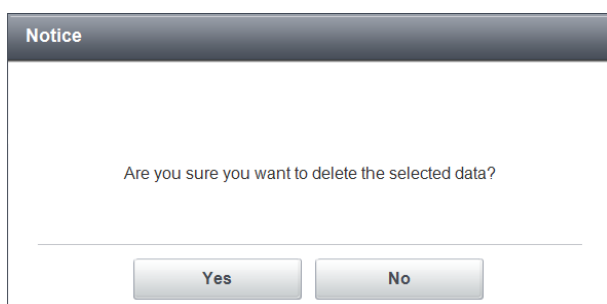


## ◆ Data Erase

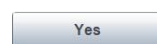


Select the Record Data on SD card or PC and click **Erase** button to delete. The pop-up window appears to check if you want to delete it or not.

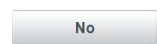
\* The selected items are marked as  on the left side of it.



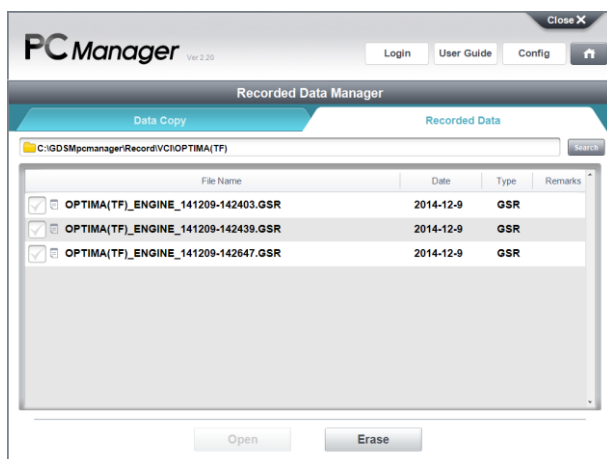
When you click **Yes** button, the selected data is deleted.




Displays the Recorded Data by Data view.



Deletes the selected Recorded Data.



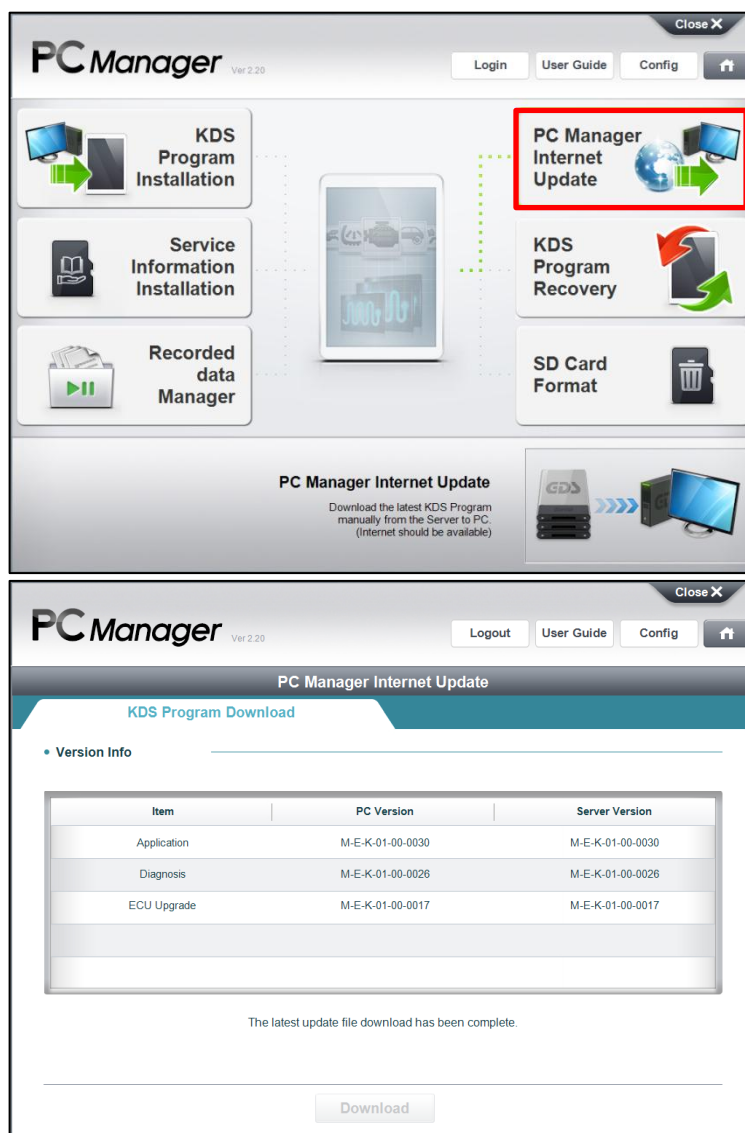
## **Caution**

 The deleted data is not able to be recovered, so be careful when you select the data to be deleted.

PC Manager  
Internet  
Update

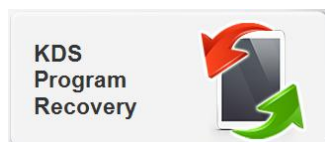


Download the latest Diagnostic Program manually from the Server to PC. (Internet should be available)



## Notice

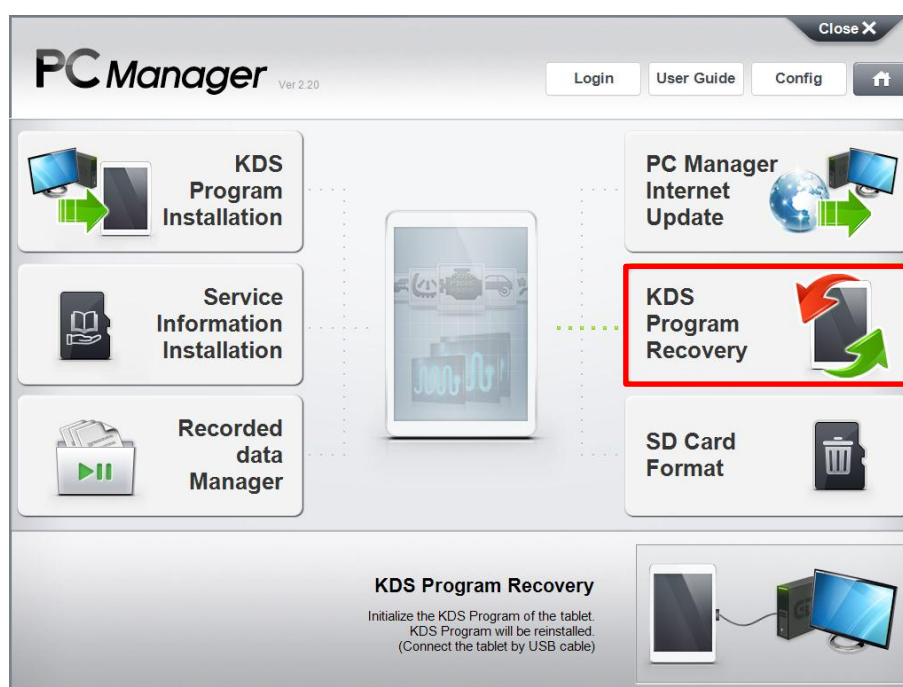
- By PC Manager Internet Update function, the latest Internet Update data can be transferred to the local Drive of the PC which PC manager is installed on.
- To update the diagnosis program tool on tablet PC, go to “KDS Program Installation” on main page of PC manager.



Initialize the Diagnostic Program of the tablet.  
Diagnostic Program will be reinstalled

There are two ways to recover KDS on the tablet PC by PC Manager.

- ☞ **KDS Recovery by the direct connection of tablet PC**
- ☞ **KDS Recovery by external USB Storage**



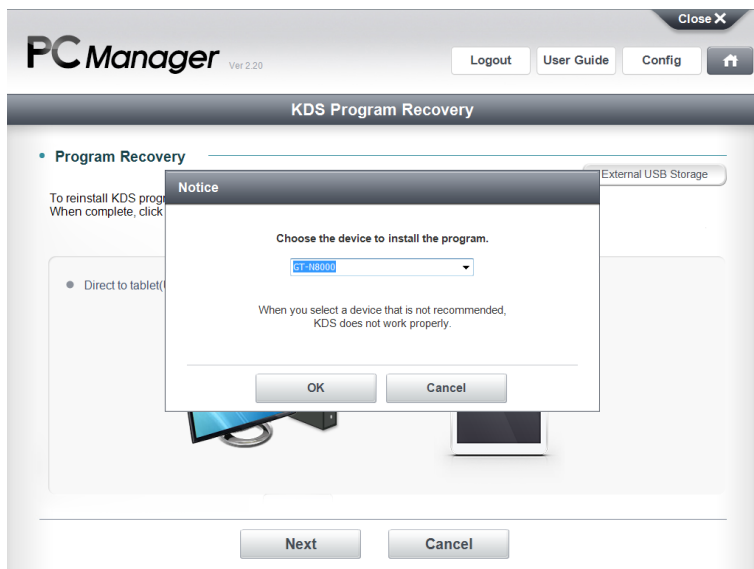
## KDS Recovery by Direct Connection of Tablet PC

KDS on tablet PC can be recovered by direct connection to PC manager.  
Recover KDS by following the instruction.

### Step 1 Connect Tablet PC to PC Manager program

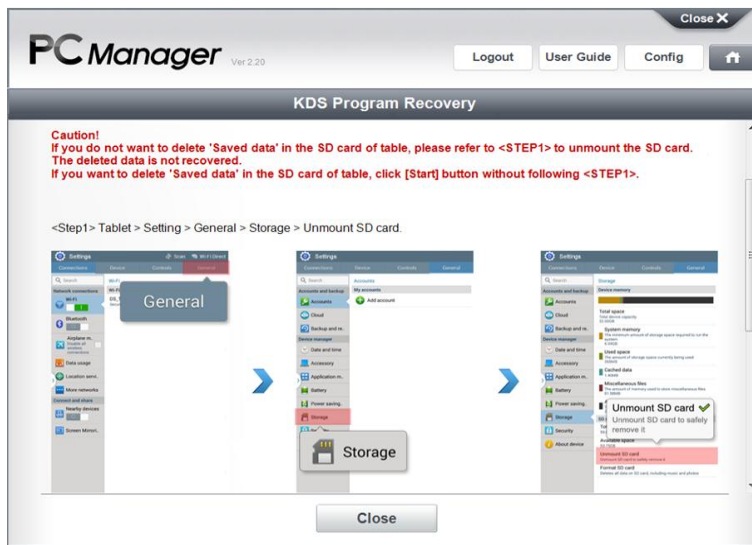


As the described instruction, connect the tablet PC to PC, PC Manager is installed on, by USB cable.



Select the drive of the connected tablet PC.

## Step 2 Remove SD Card form Tablet PC



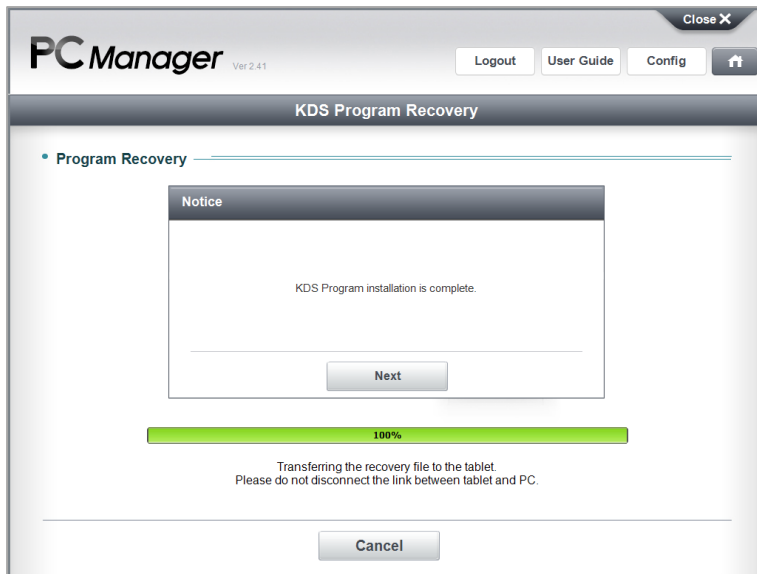
SD card should be removed from the tablet PC to prevent data loss

### ⚠ Caution

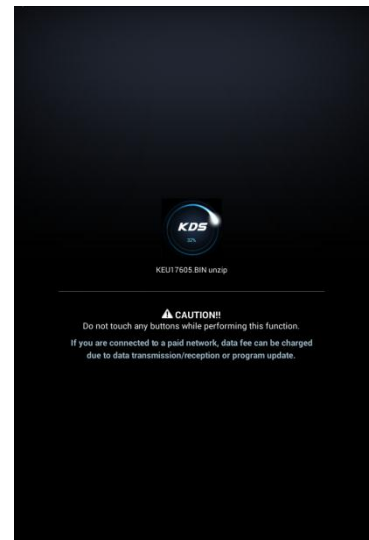
👉 **This procedure may delete some of the contents from the SD card. Please remove (unmount) the SD card before proceeding.**



To recover KDS, Setup File is transferred to tablet PC.



Data transfer is complete.  
Click [Next] button to start to  
recover KDS on tablet PC.



## KDS Recovery by External USB Storage

KDS can be recovered by External USB Storage without connecting tablet PC to PC Manager.

### Step 1 Connect external USB storage for tablet PC to PC Manager



Click “External USB Storage” at the top of the right side.



Connect external USB storage to PC and click [Next] button.

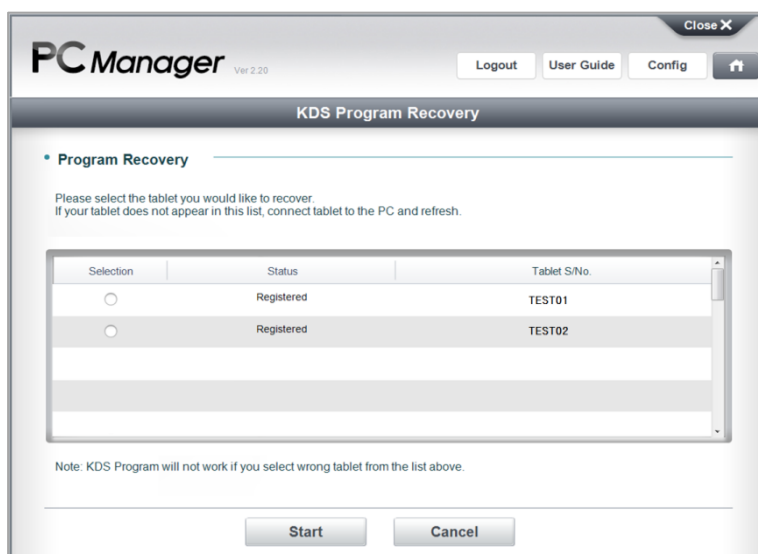
These are the description how to recover KDS by external USB storage.



Select the driver of USB storage and click [OK] button.

## Step 2 Search tablet PC information

Make sure to select the exact tablet PC Information to be recovered.



Select the tablet PC information to be recovered and click [Start] button.



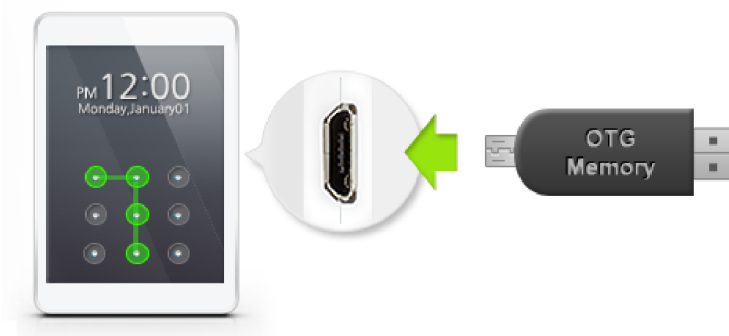
### Notice

- ♦ ***If there is no specific tablet PC information, it is recommended to recover KDS by the direct connection of tablet PC.***



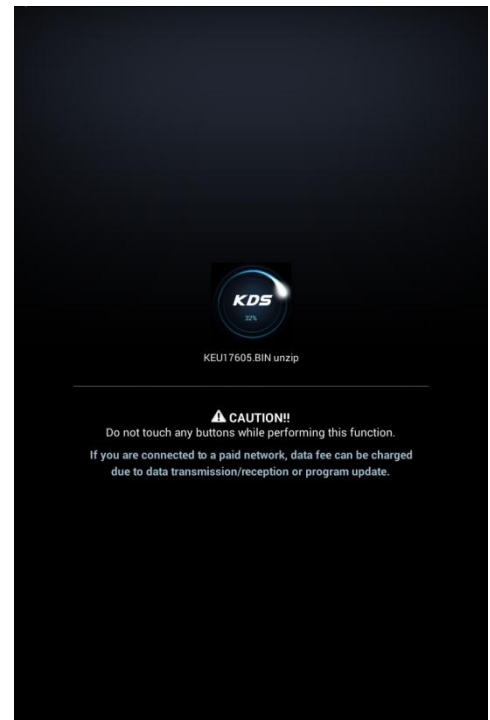


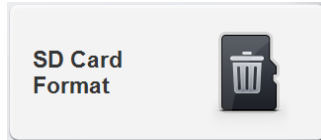
The recovery file is transferred to external USB storage.



Remove external USB storage from PC and connect it to tablet PC via external communication connector.

When the recovery file is detected by tablet PC, KDS will start to be recovered automatically.

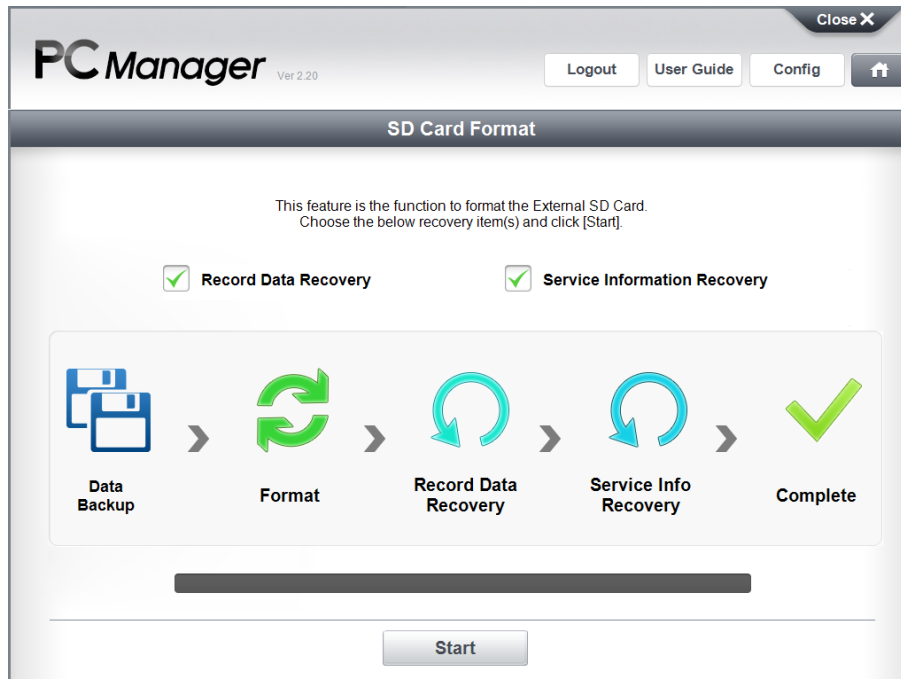




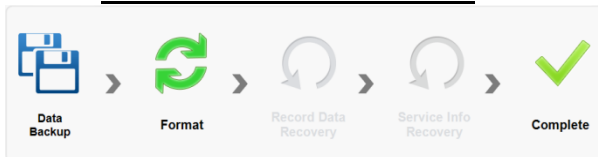
Format the Micro SD Card for using at KDS.  
Recorded data and Service information backup is possible.  
(Connect the Micro SD Card by Card Reader)



## Screen Description



### ◆ Basic SD Card Format



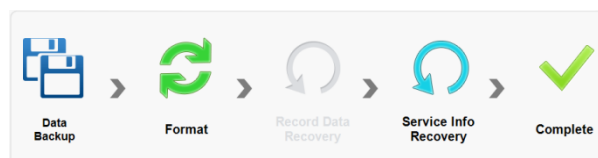
Format SD card as KDS environment.

### ◆ Record Data Recovery



This is the function to set when the data on SD card is required to be recovered. After formatting SD card as KDS environment, the data on SD card is recovered.

### ◆ Service Information Recovery



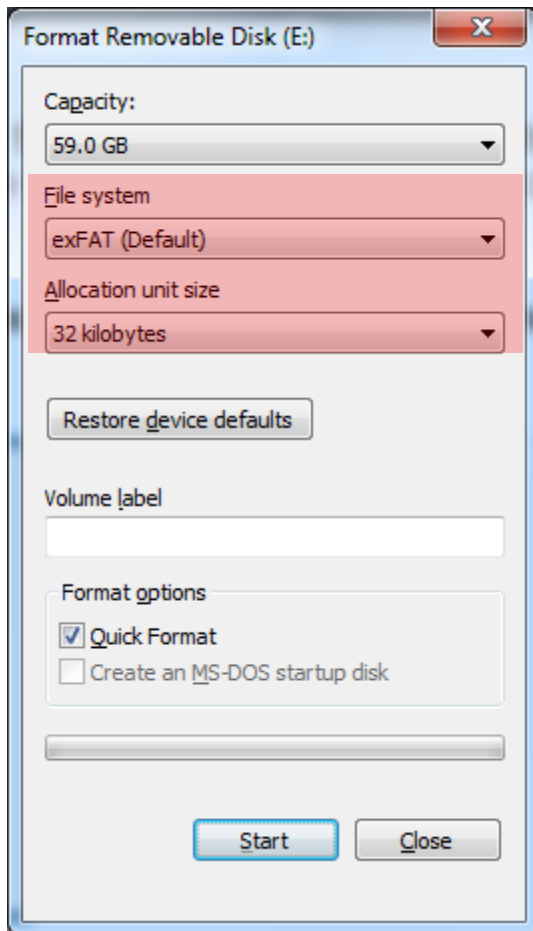
This is the function to set when the recorded data on SD card should be recovered. After formatting SD card as KDS environment, recover Service Information on SD card.



### *Notice*

- ◆ SD card must be formatted as the specified values below to be used for Service Information installation of KDS.

♦ SD Card Format



- File System : **ExFAT**
- Allocation unit size : **32KB**

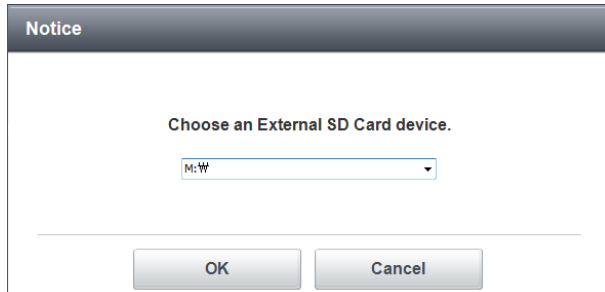


***Warning***

☞ This function consists of SD card format and recovery. Unexpected malfunction can cause the data loss. Thus, we recommend you to back up the important data to other device storage before you use this function. Our company assumes no liability that the data loss on it while using this function.

## SD Card Format Function

### Step 1 Set SD card Drive

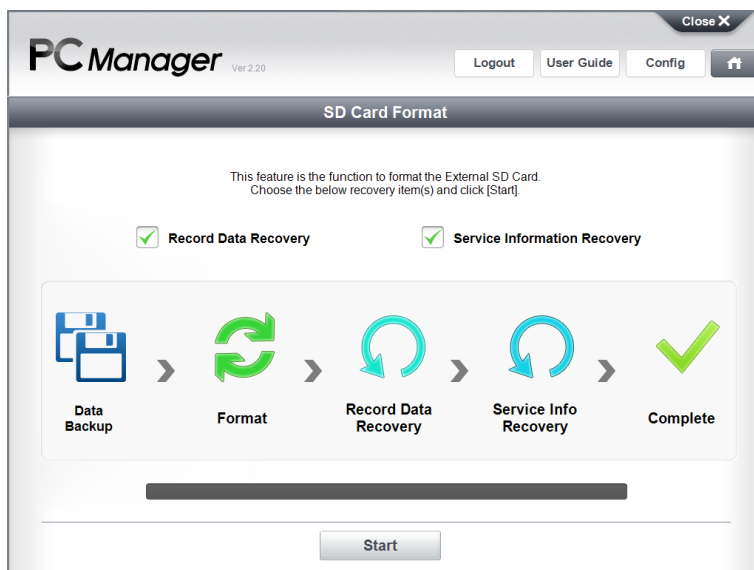


Set the drive of SD card.



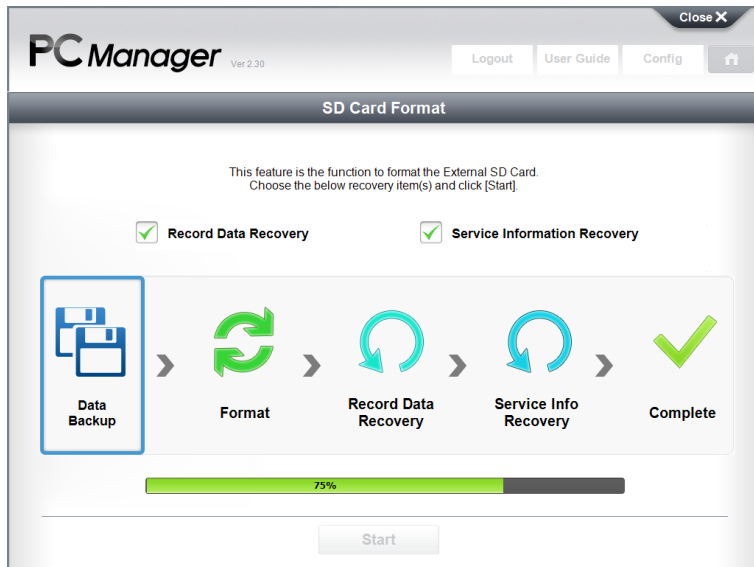
### Caution

- ♦ ***Be sure to check the drive path and then, select it. Selecting the wrong drive path can cause the serious data loss.***



Set SD card format options and click [Start] button.

## Step 2 Back up Record Data

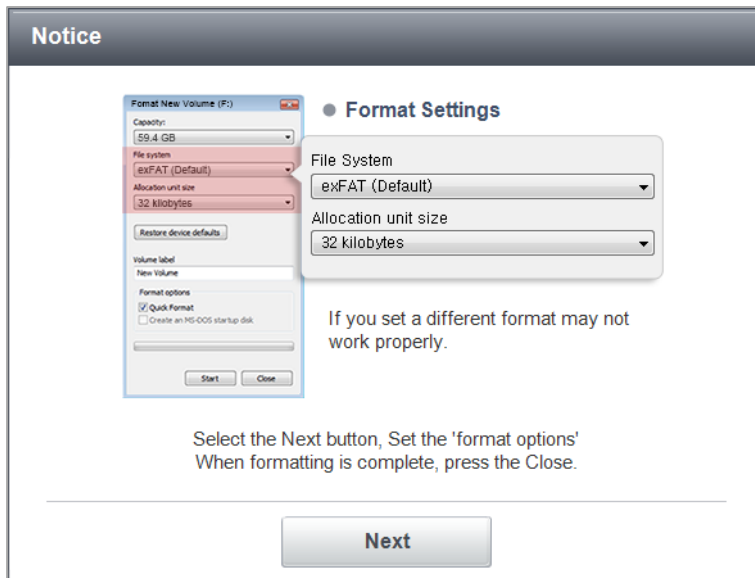


This is to back up the data before SD card format.

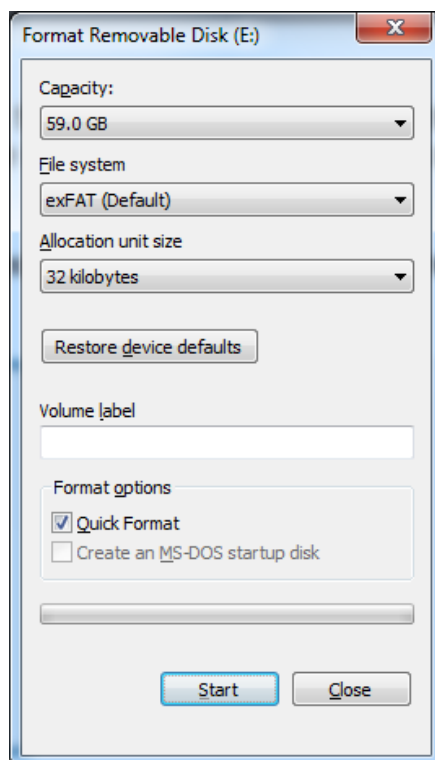
## Step 3 SD Card Format



This is the notice about the SD card format. Check the described instructions on it and set file system and allocation unit size.

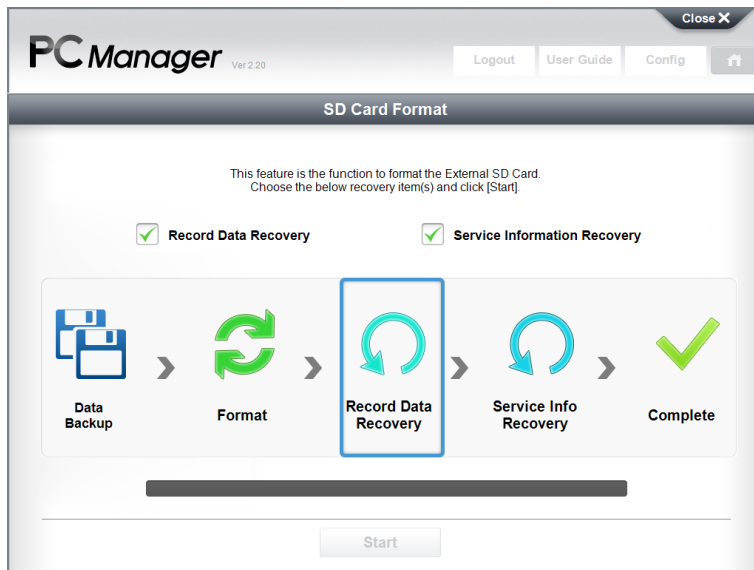


This is the notice about the SD card format. Check the described instructions on it and set file system and allocation unit size.



Windows Format Window appears to format SD card. Check the information that you set on the previous step and click [Start] button.

## Step 4 Backed-up Record Data is recovered on SD Card



## Step 5 Service Information is recovered on SD Card.



It is recovered as the previous Service Information.



## Step 6 Complete

