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Document ID:	UML-X32601-07-001	Revision:	1.2	<i>Private & Confidential</i>		

IRIS SCR21U Smart Card Reader Driver Installation Guide



Installation Guide User Manual

**Document No.: IRIS SCR21U
Driver Installation Guide
Revision: 1.2**

IRIS CORPORATION BERHAD
IRIS Smart Technology Complex,
Technology Park Malaysia, Bukit Jalil, 57000 Kuala Lumpur, Malaysia.
Tel: (603) 8966-0788 Fax: (603) 8966-0451

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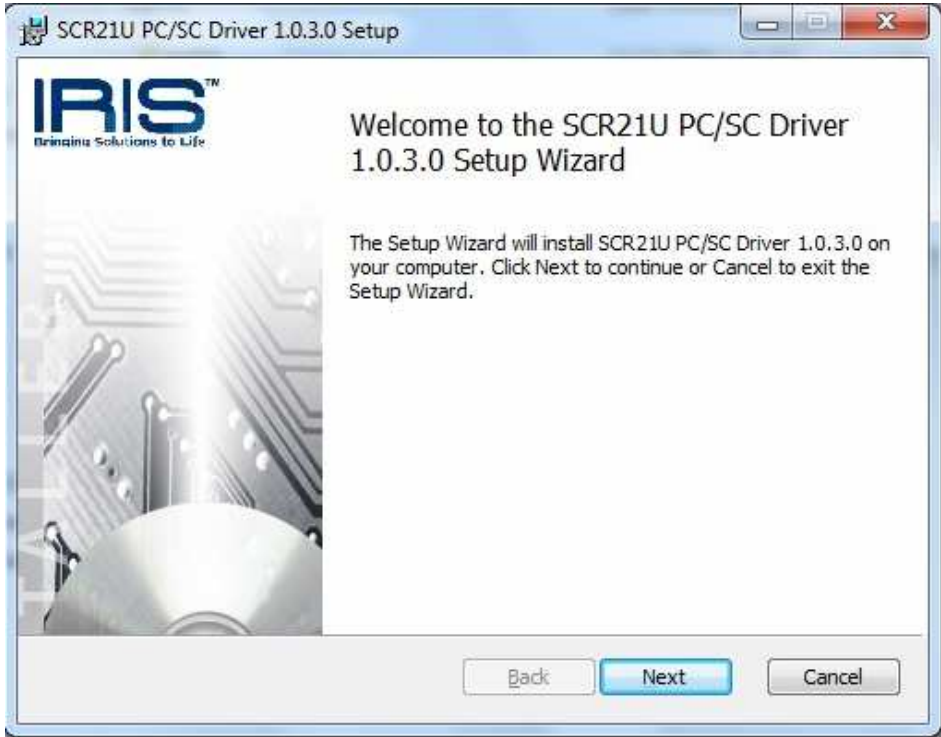
1 INTRODUCTION


This document describes the driver installation of IRIS SCR21U Smart Card Reader for Windows 7, Windows Vista, Windows XP, Windows 2000 and Windows 98.

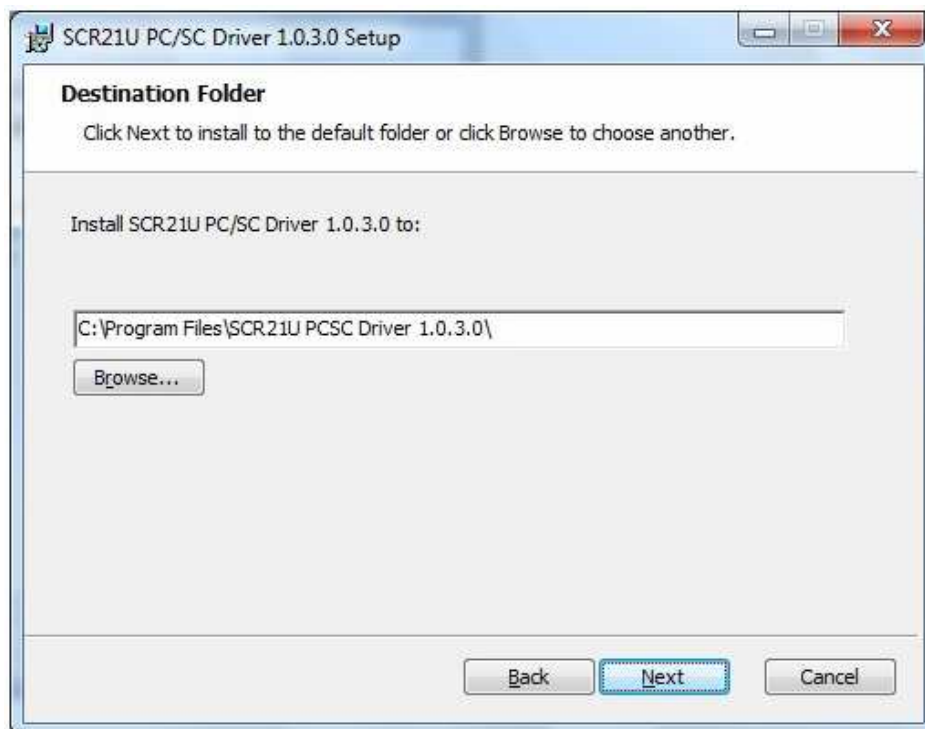
2 INSTALLATION GUIDE OF DRIVER FOR WINDOWS 7

2.1 Driver Installation Procedure for IRIS SCR21U Smart Card Reader

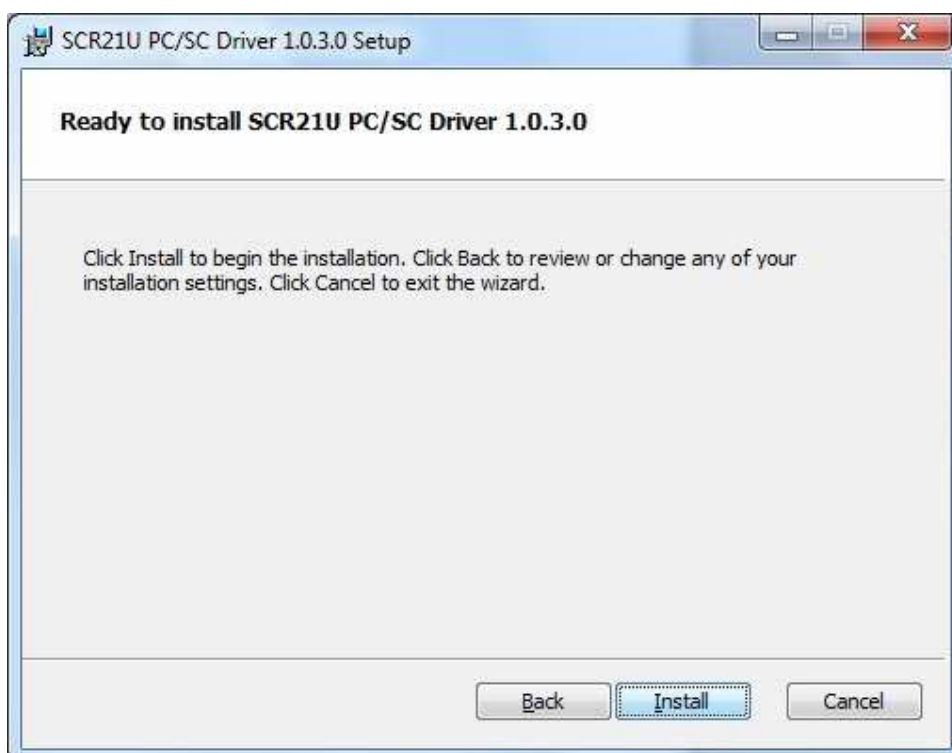
Please follow the steps below to install the IRIS Smart Card Reader, SCR21U driver:


Step(s)	Action
1	Make sure the SCR21U Smart Card Reader is disconnected from PC.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver installation process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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- 4 Click <Next> button to install to the default folder. The following screen would be displayed.

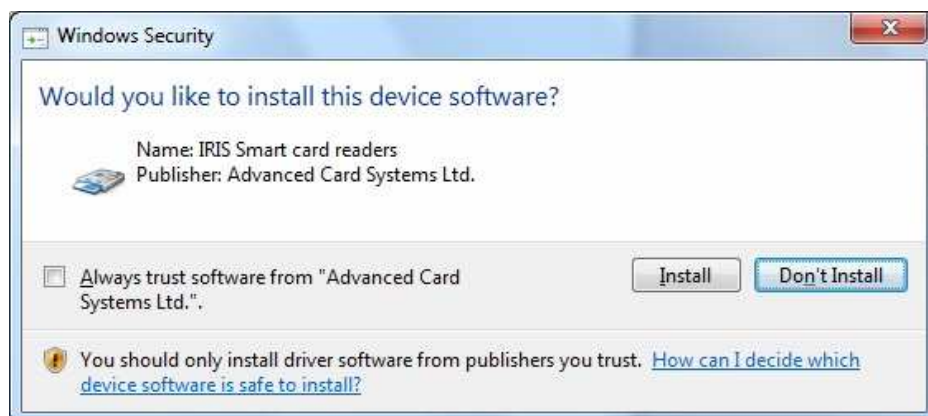



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- 5 Click <**Install**> button to begin the installation. The following screen would be displayed.

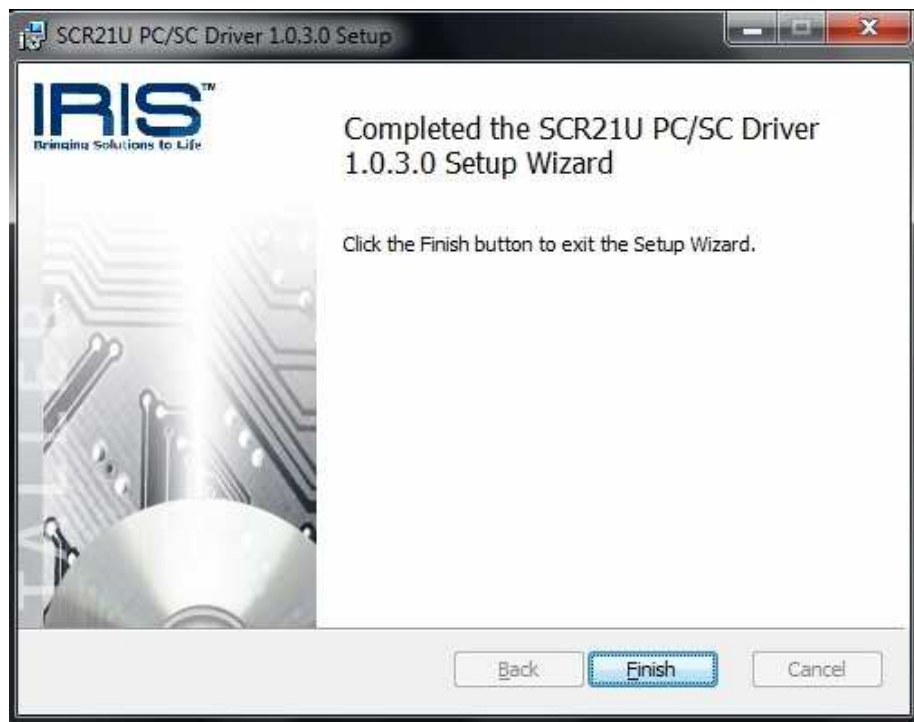


- 6 Please wait while the Setup Wizard installs the driver for your device. The following warning screen would be displayed. Click <**Install**> button to proceed the installation process.



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- 7 Once the installation process completed, click <**Finish**> button to exit the Setup Wizard.




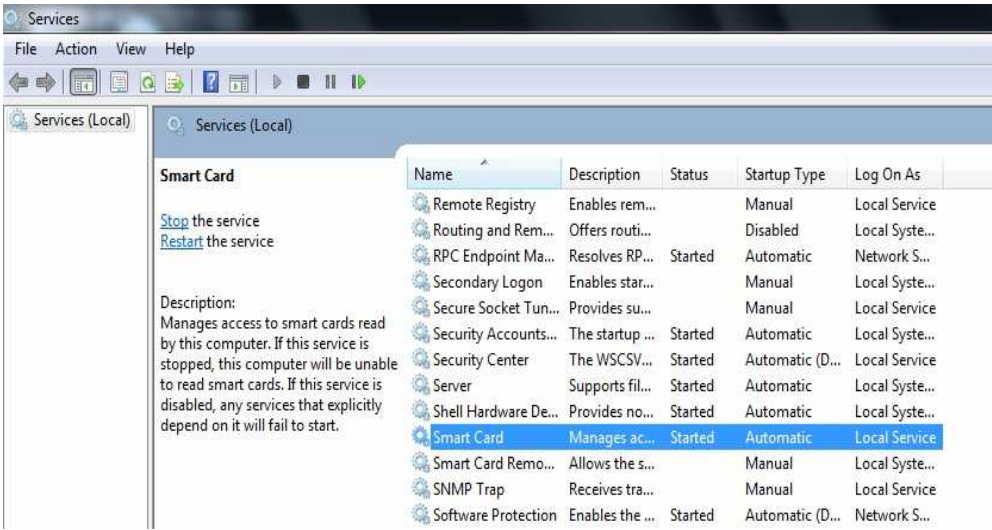
- 8 Once the driver has been completely installed into the PC, connect the SCR21U Smart Card Reader into USB port. The below screen shows the auto device driver installation by Windows. Please wait for the process to complete.




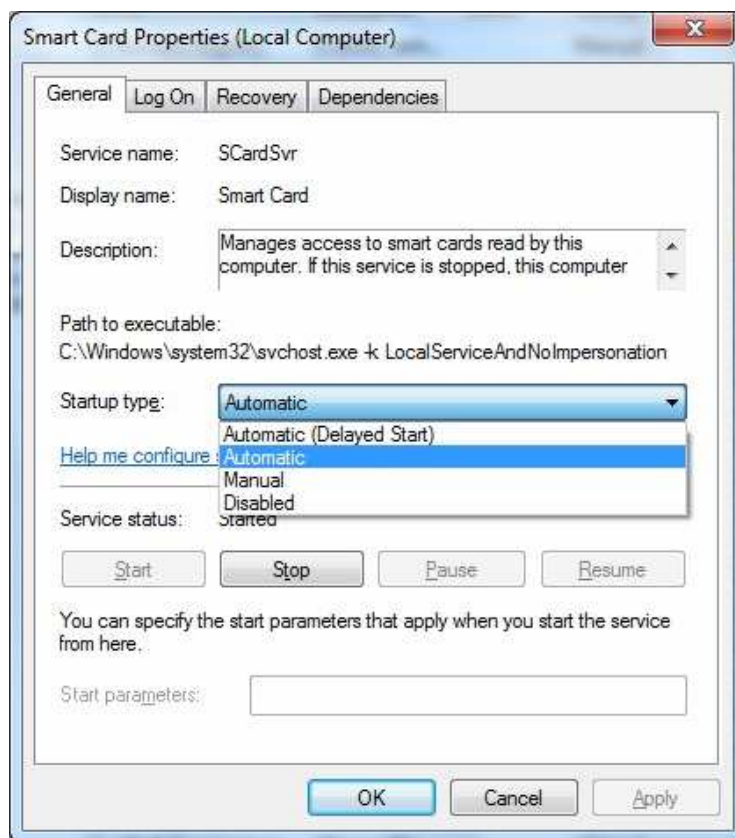
- 9 Once the hardware installation process completed successfully, the Windows will shows the message as below.




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10	To have the SCR21U driver installation for another USB port in the same PC, please repeat from step 8 to step 9.
11	<p>Before start to use SCR21U Smart Card Reader to read card, check on the service which located in Control Panel / Administrative Tools / Services. Select “Smart Card” service as shown in picture below. Ensure the status is “Started” and Startup Type is “Automatic”.</p>  <p>The screenshot shows the 'Services' window with the 'Smart Card' service selected. The service status is 'Started' and the startup type is 'Automatic'. The description of the service is: 'Manages access to smart cards read by this computer. If this service is stopped, this computer will be unable to read smart cards. If this service is disabled, any services that explicitly depend on it will fail to start.'</p>
12	<p>If the status is “Stopped” and startup type is “Manual”, double click the “Smart Card” service to have Smart Card Properties dialog for configuration as shown in picture below. Select the “Automatic” in Startup type and click <Start> button to start the service immediately. If there is difficulty in starting the service, please contact your administrator. Click <Apply> button to confirm the changes and <OK> to exit.</p>


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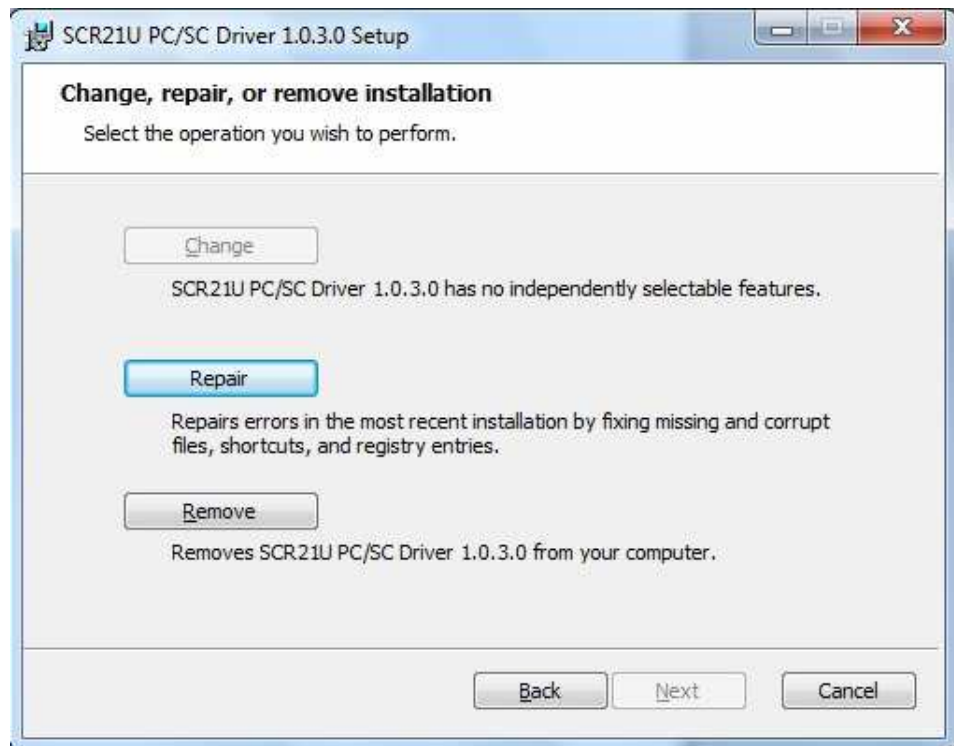
13	<div data-bbox="510 344 1249 1178" data-label="Image">  </div> <p>The SCR21U Smart Card Reader is ready to be used now.</p>
----	--

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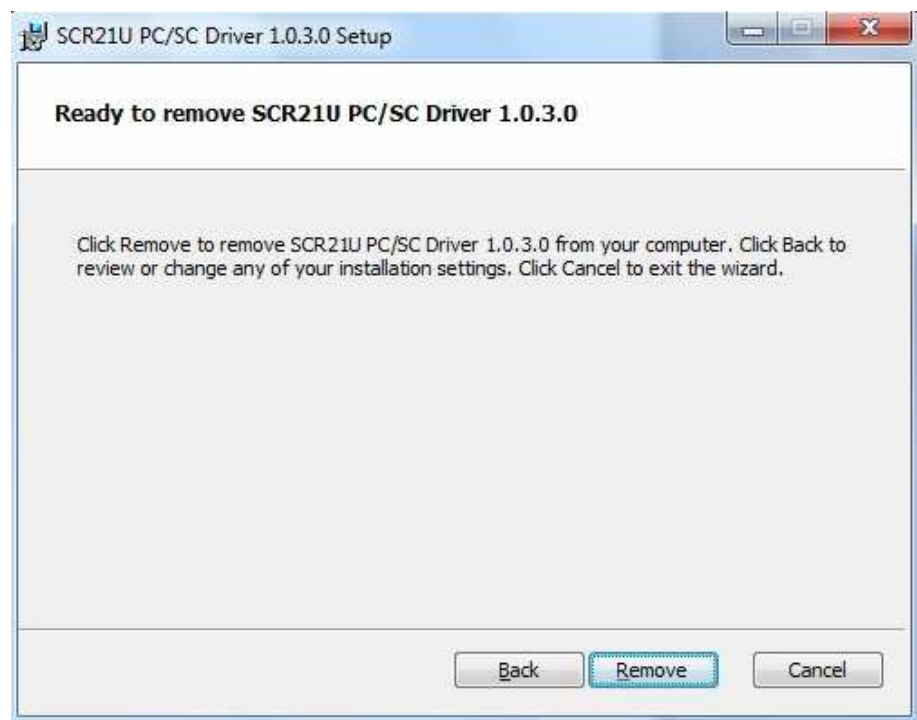
2.2 Driver Removal Procedure for IRIS SCR21U Smart Card Reader


Step(s)	Action
1	Disconnect the SCR21U Smart Card Reader that is attached to the USB port.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver removal process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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- 4 Select the “**Remove**” operation by clicking the <**Remove**> button. The following screen would be displayed.




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- 5 Click <**Remove**> button. The following screen would be displayed during removal process. Please wait.



- 6 Once the removal process completed, click <**Finish**> button to exit the Setup Wizard.





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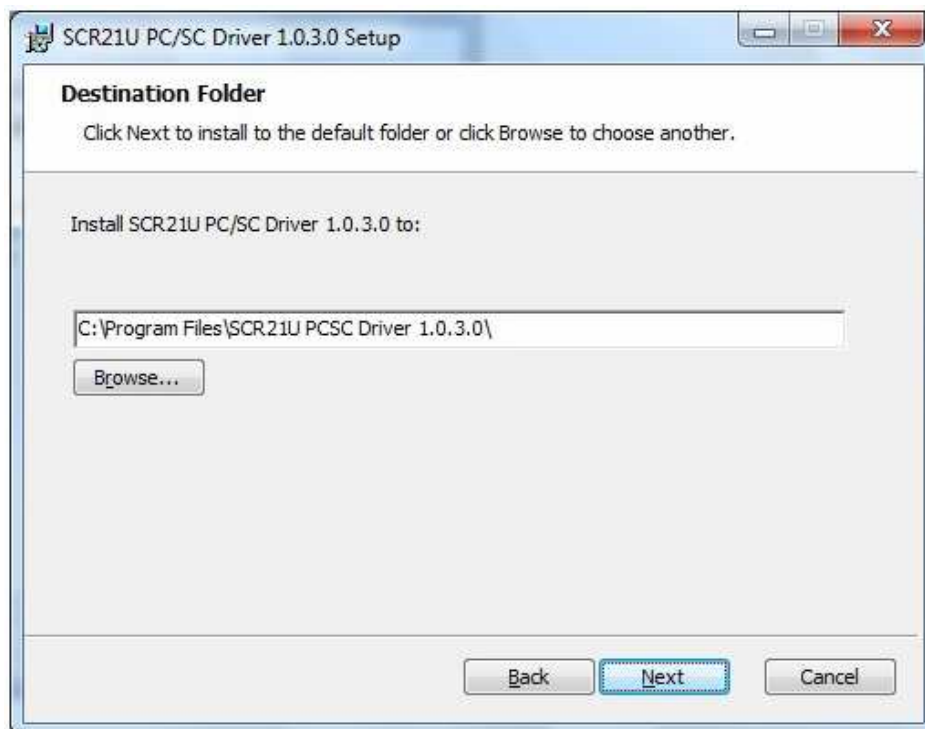
3 INSTALLATION GUIDE OF DRIVER FOR WINDOWS VISTA

3.1 Driver Installation Procedure for IRIS SCR21U Smart Card Reader

Please follow the steps below to install the IRIS Smart Card Reader, SCR21U driver:


Step(s)	Action
1	Make sure the SCR21U Smart Card Reader is disconnected from PC.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver installation process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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	Document Name:	Driver Installation Guide			Date:	22 Dec 09
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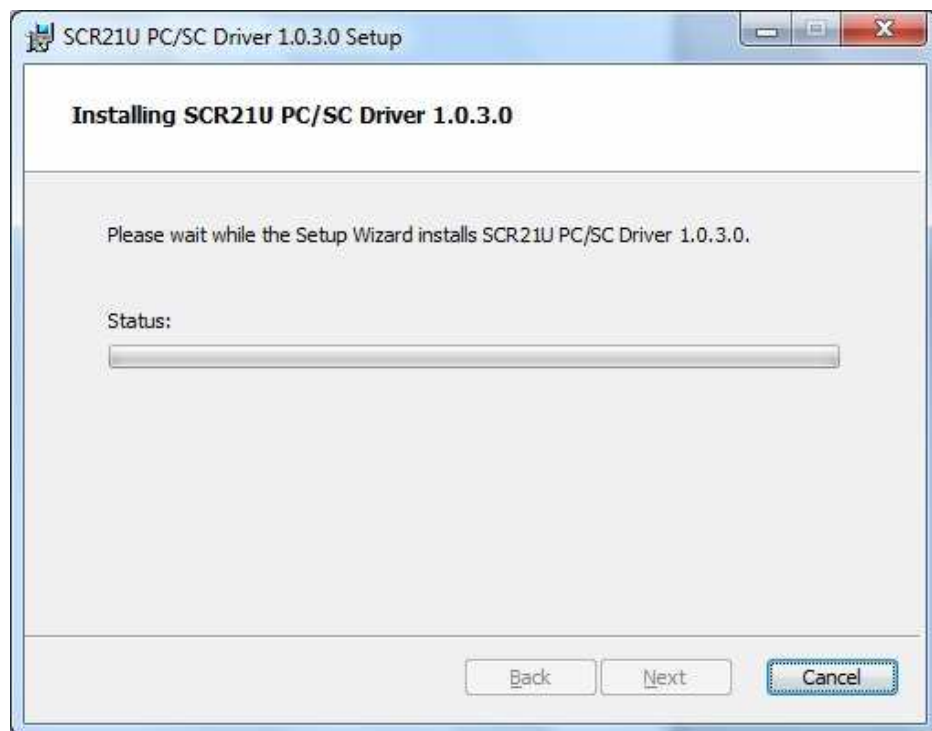


- 4 Click <Next> button to install to the default folder. The following screen would be displayed.




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- 5 Click <**Install**> button to begin the installation. The following screen would be displayed.



- 6 Please wait while the Setup Wizard installs the driver for your device. The following warning screen would be displayed. Click <**Install**> button to proceed the installation process.



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- 7 Once the installation process completed, click <**Finish**> button to exit the Setup Wizard.




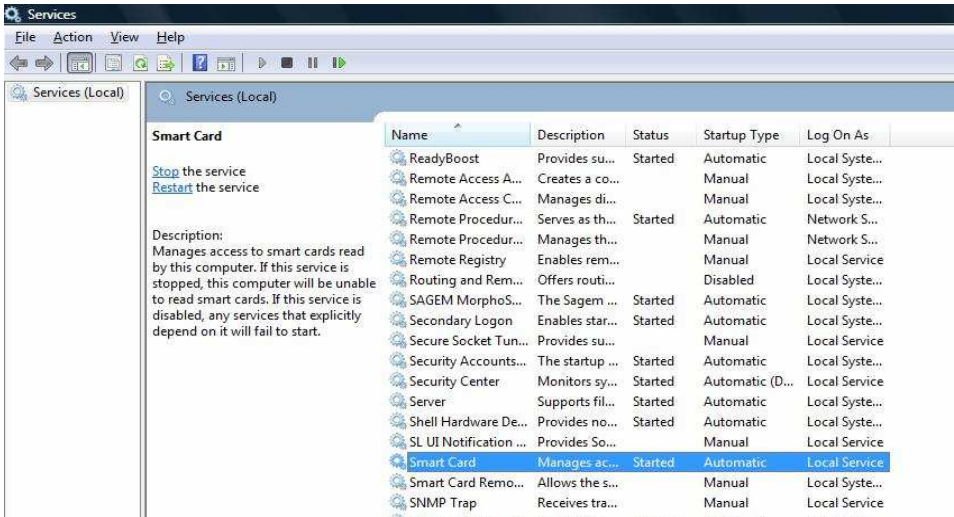
- 8 Once the driver has been completely installed into the PC, connect the SCR21U Smart Card Reader into USB port. The below screen shows the auto device driver installation by Windows. Please wait for the process to complete.




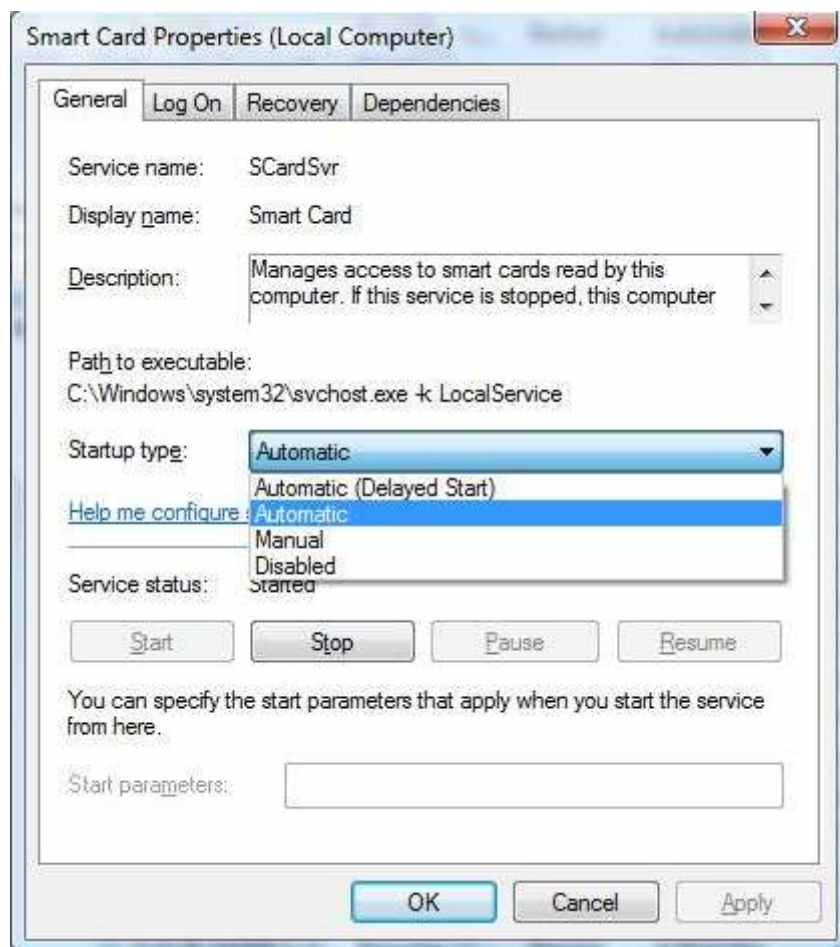
- 9 Once the hardware installation process completed successfully, the Windows will shows the message as below.



	Document Title:	SCR21U Driver Installation Guide			Page:	17 of 50
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10	To have the SCR21U driver installation for another USB port in the same PC, please repeat from step 8 to step 9.
11	<p>Before start to use SCR21U Smart Card Reader to read card, check on the service which located in Control Panel / Administrative Tools / Services. Select “Smart Card” service as shown in picture below. Ensure the status is “Started” and Startup Type is “Automatic”.</p>  <p>The screenshot shows the Windows Services console. The 'Smart Card' service is selected in the list. The status is 'Started' and the startup type is 'Automatic'. The description on the left states: 'Manages access to smart cards read by this computer. If this service is stopped, this computer will be unable to read smart cards. If this service is disabled, any services that explicitly depend on it will fail to start.'</p>
12	<p>If the status is “Stopped” and startup type is “Manual”, double click the “Smart Card” service to have Smart Card Properties dialog for configuration as shown in picture below. Select the “Automatic” in Startup type and click <Start> button to start the service immediately. If there is difficulty in starting the service, please contact your administrator. Click <Apply> button to confirm the changes and <OK> to exit.</p>

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13

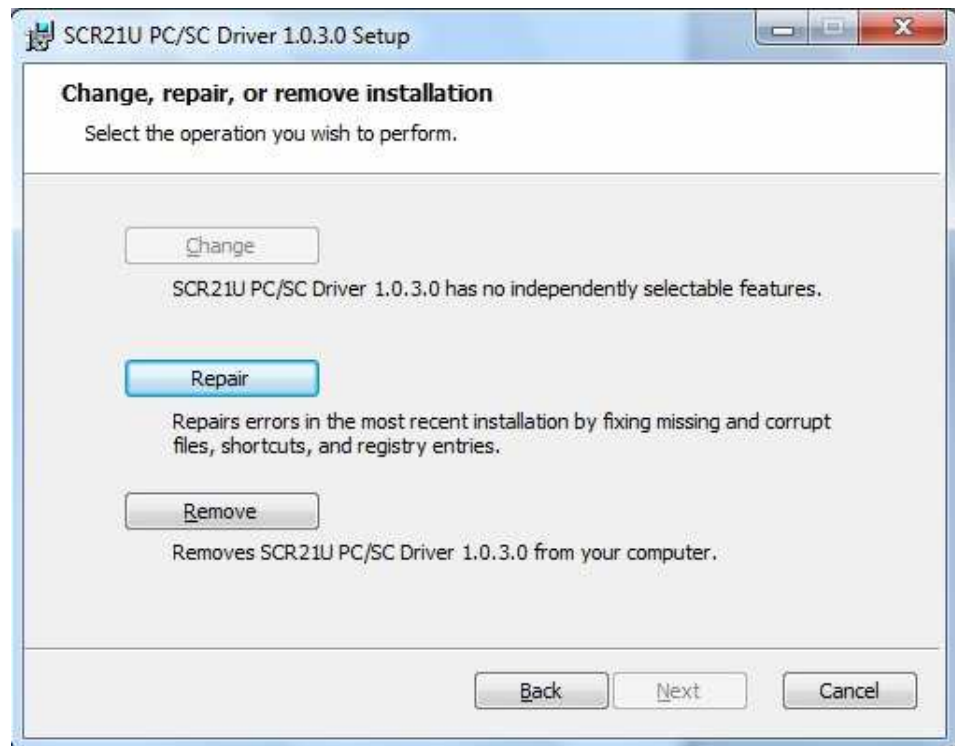
The SCR21U Smart Card Reader is ready to be used now.

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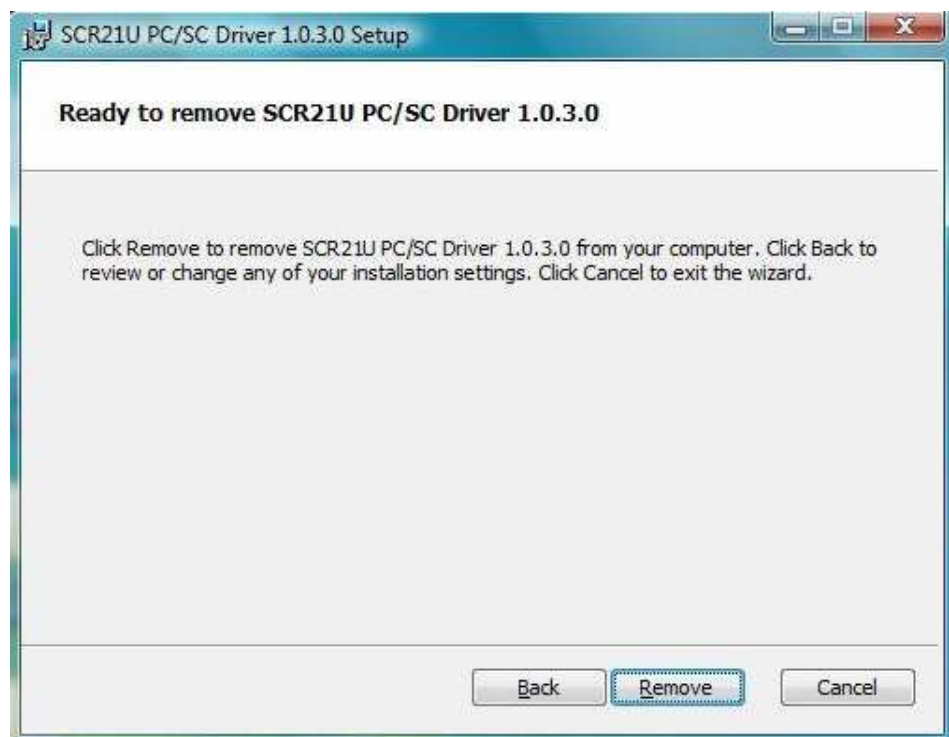
3.2 Driver Removal Procedure for IRIS SCR21U Smart Card Reader


Step(s)	Action
1	Disconnect the SCR21U Smart Card Reader that is attached to the USB port.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver removal process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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- 4 Select the “**Remove**” operation by clicking the <**Remove**> button. The following screen would be displayed.




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- 5 Click <**Remove**> button. The following screen would be displayed during removal process. Please wait.



- 6 Once the removal process completed, click <**Finish**> button to exit the Setup Wizard.





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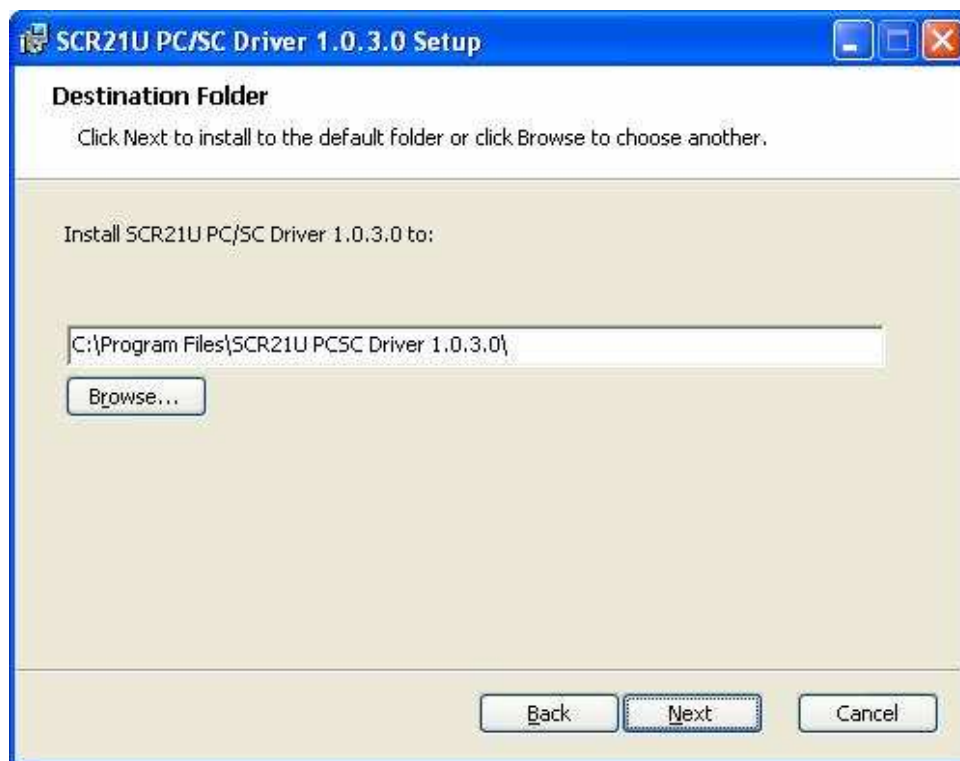
4 INSTALLATION GUIDE OF DRIVER FOR WINDOWS XP

4.1 Driver Installation Procedure for IRIS SCR21U Smart Card Reader

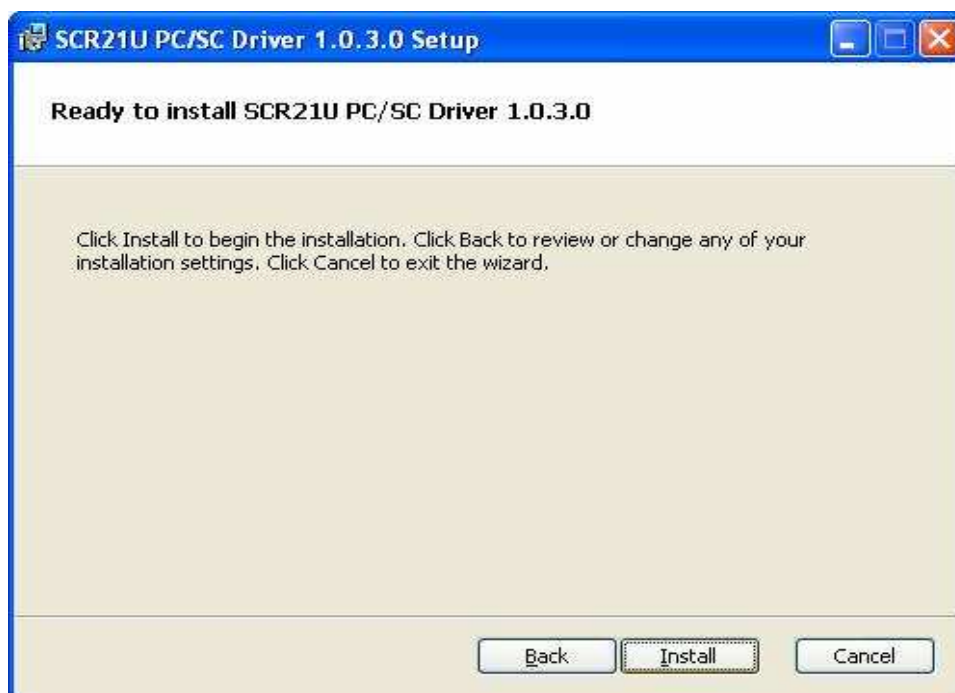
Please follow the steps below to install the IRIS Smart Card Reader, SCR21U driver:


Step(s)	Action
1	Make sure the SCR21U Smart Card Reader is disconnected from PC.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver installation process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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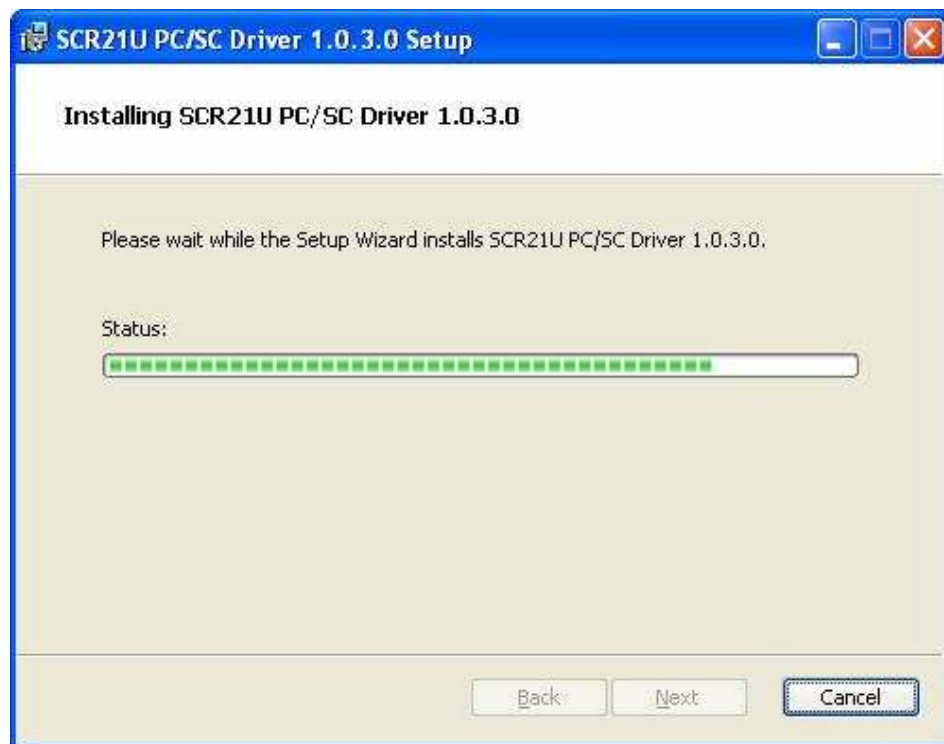


- 4 Click <Next> button to install to the default folder. The following screen would be displayed.




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- 5 Click **<Install>** button to begin the installation. The following screen would be displayed.



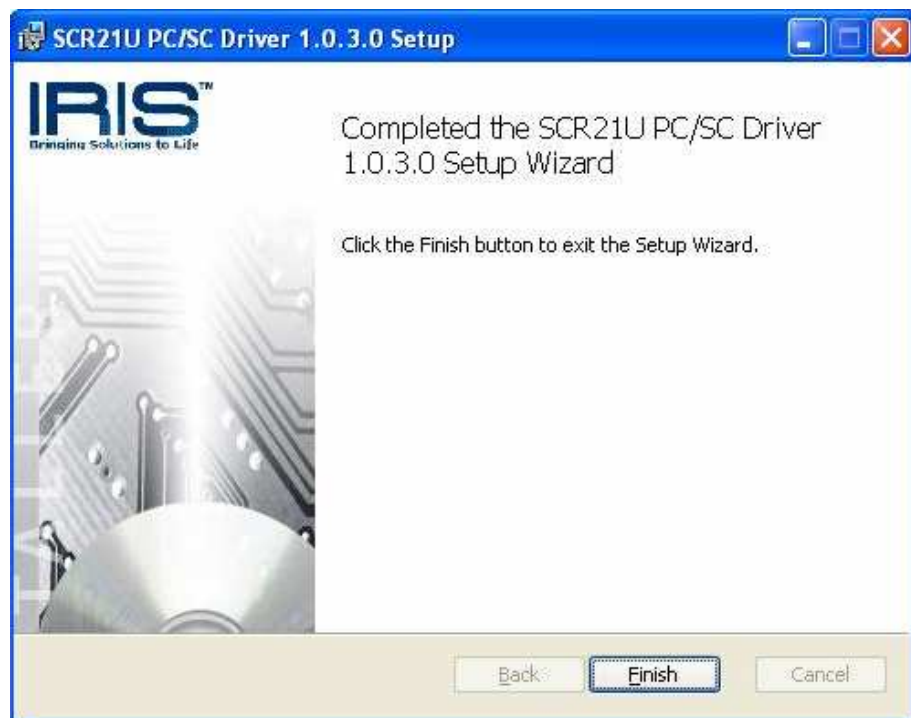
- 6 Please wait while the Setup Wizard installs the driver for your device. The following warning screen would be displayed. Click **<Continue Anyway>** button to proceed the installation process.



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7

Once the installation process completed, click <**Finish**> button to exit the Setup Wizard.




8

Once the driver has been completely installed into the PC, connect the SCR21U Smart Card Reader into USB port. The below screen shows the Windows detection of SCR21U Smart Card Reader. The subsequent steps show the Windows prompting the user to proceed for hardware installation.



9


Leave the “**Install software automatically (Recommended)**” option selected then click <**Next**> button.

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10 Please wait while the wizard searches the driver for your device.

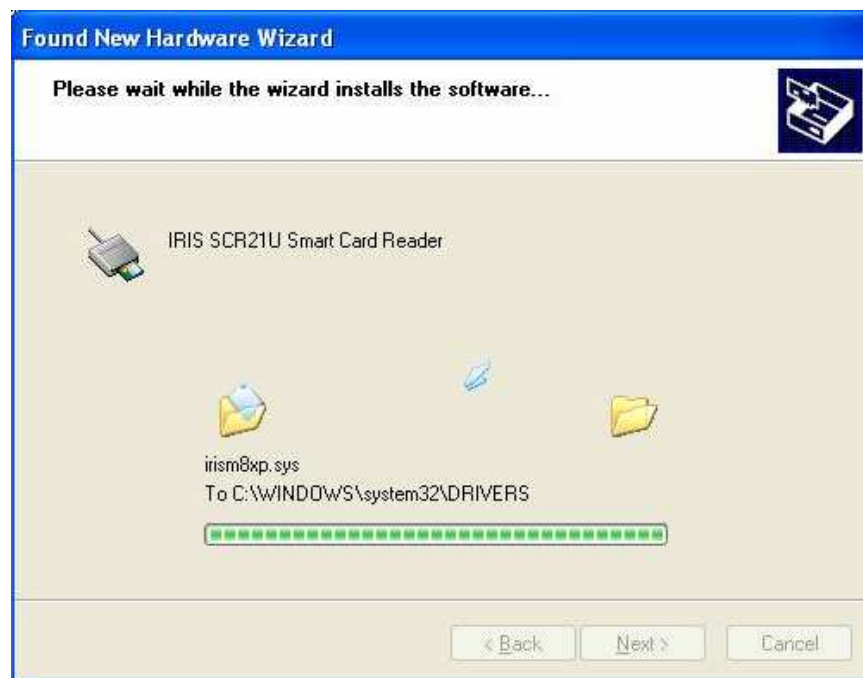



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- 11 Before the wizard installs the driver for this hardware device, the following warning screen would be appeared to prompt user for further action. Click <**Continue Anyway**> to proceed the “**Hardware Installation**”.



- 12 Please wait while the wizard installs the driver for your device.



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- 13 After the driver has been successfully installed, click **<Finish>** button to close the Found New Hardware Wizard.




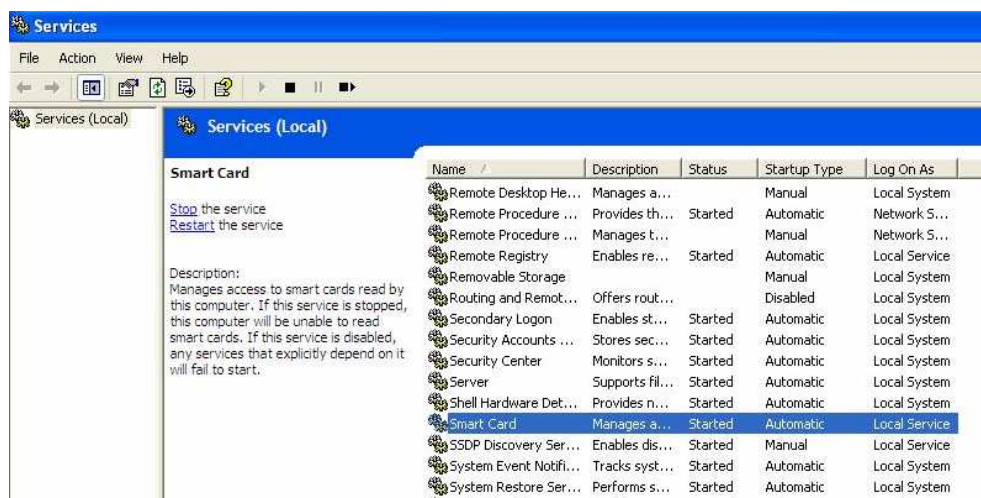
- 14 Finally, you will be able to see a message, **“Your new hardware is installed and ready to use”**, on you taskbar.



- 15 To have the SCR21U driver installation for another USB port in the same PC, please repeat from step 8 to step 14.

- 16 Before start to use SCR21U Smart Card Reader to read card, check on the service which located in **Control Panel / Administrative Tools / Services**. Select **“Smart Card”** service as shown in picture below. Ensure the status is **“Started”** and Startup Type is **“Automatic”**.


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- 17 If the status is “**Stopped**” and startup type is “**Manual**”, double click the “**Smart Card**” service to have Smart Card Properties dialog for configuration as shown in picture below. Select the “**Automatic**” in Startup type and click <**Start**> button to start the service immediately. If there is difficulty in starting the service, please contact your administrator. Click <**Apply**> button to confirm the changes and <**OK**> to exit.




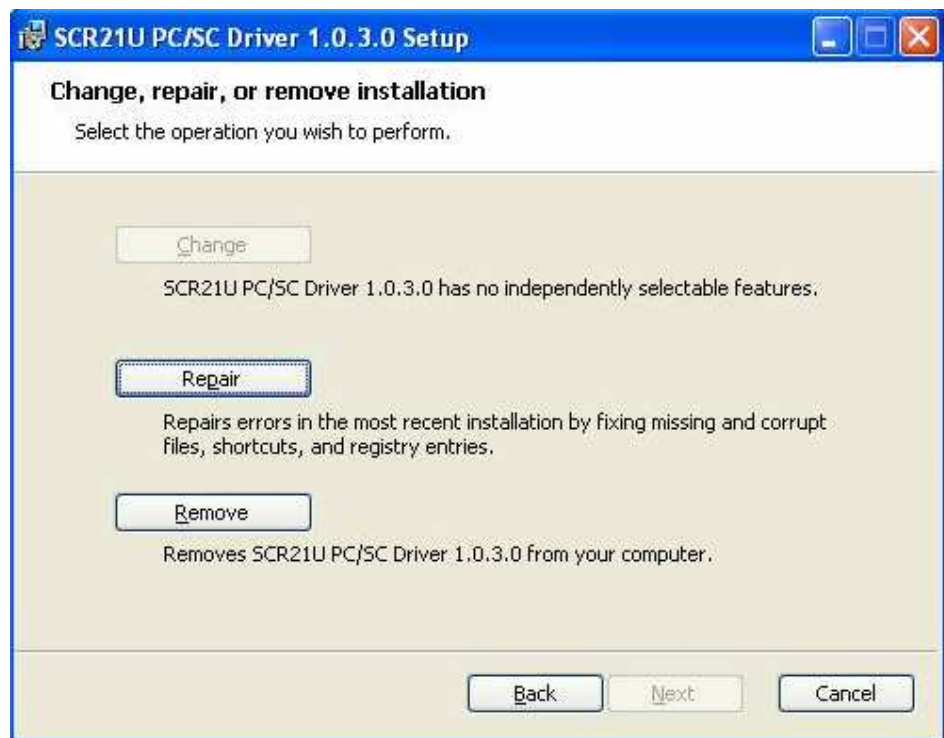
- 18 SCR21U Smart Card Reader is ready to be used now.

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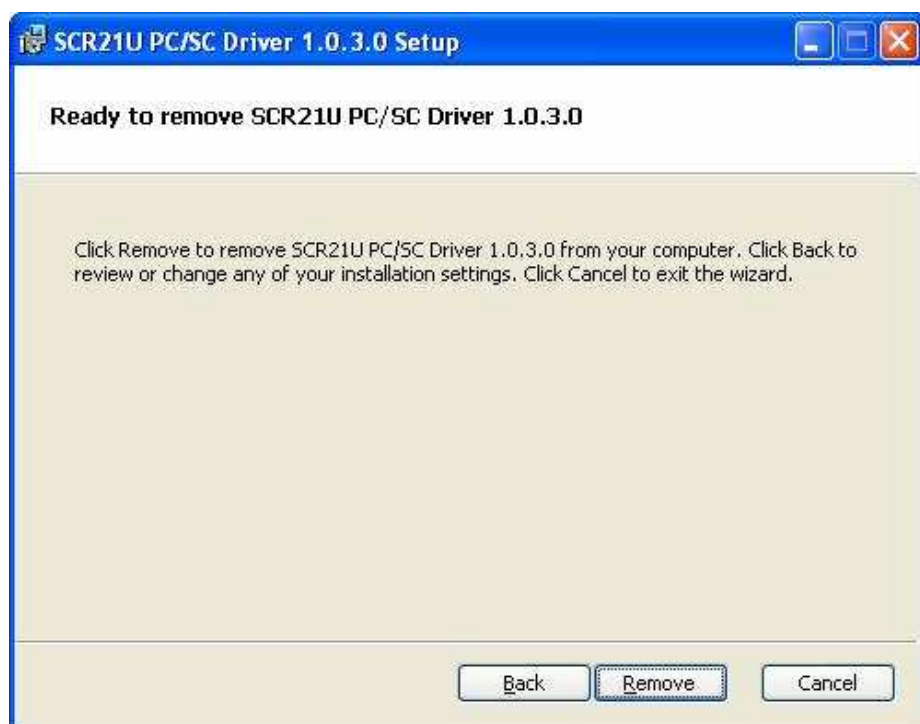
4.2 Driver Removal Procedure for IRIS SCR21U Smart Card Reader


Step(s)	Action
1	Disconnect the SCR21U Smart Card Reader that is attached to the USB port.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver removal process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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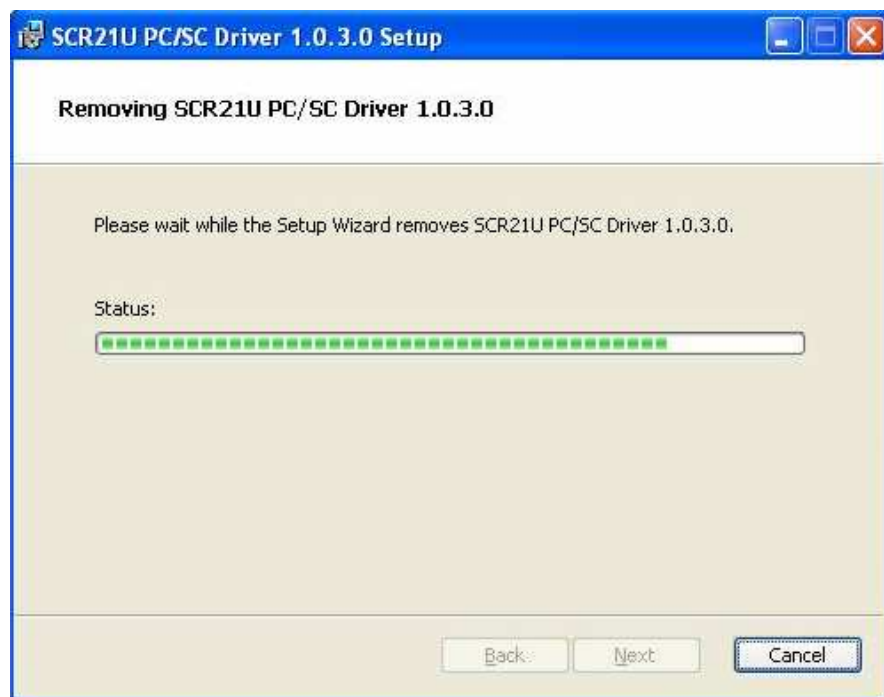


- 4 Select the “**Remove**” operation by clicking the <**Remove**> button. The following screen would be displayed.




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- 5 Click <**Remove**> button. The following screen would be displayed during removal process. Please wait.



- 6 Once the removal process completed, click <**Finish**> button to exit the Setup Wizard.

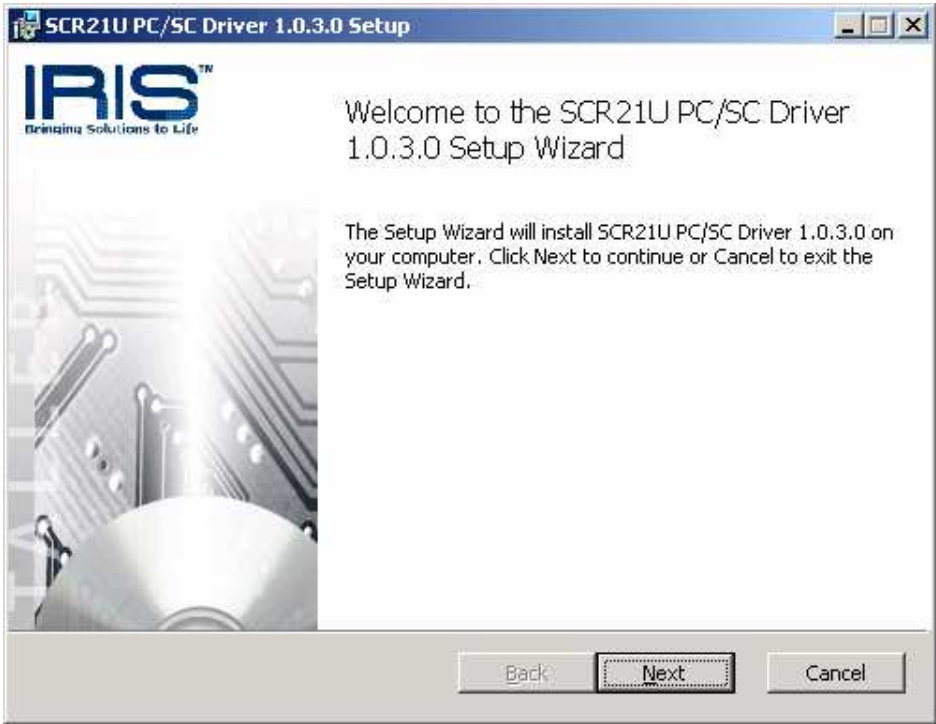



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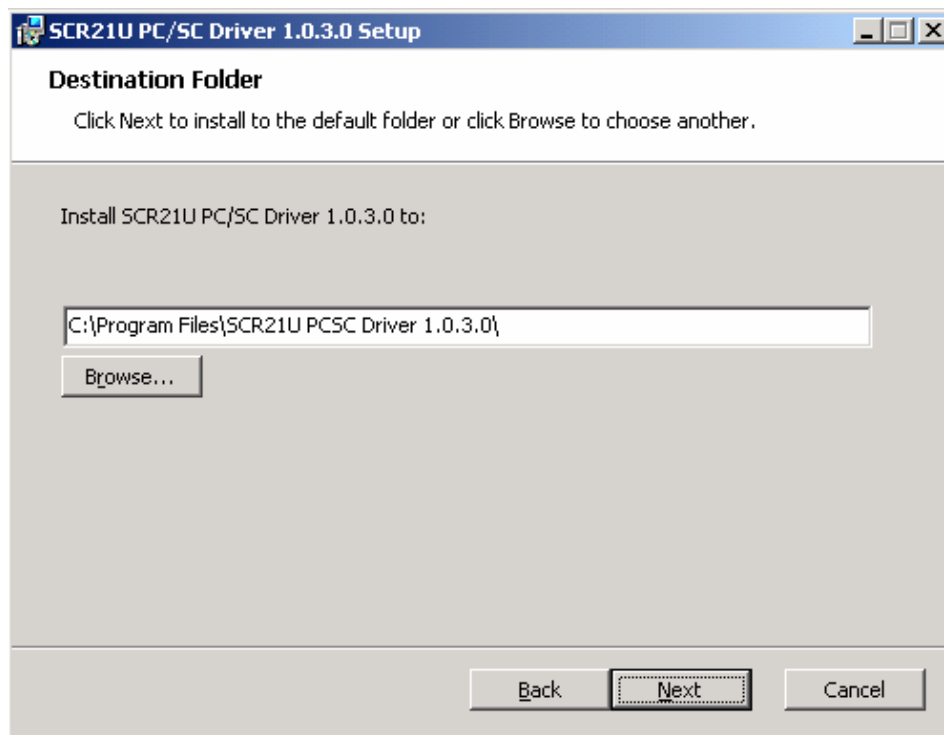
5 INSTALLATION GUIDE OF DRIVER FOR WINDOWS 2000

5.1 Driver Installation Procedure for IRIS SCR21U Smart Card Reader

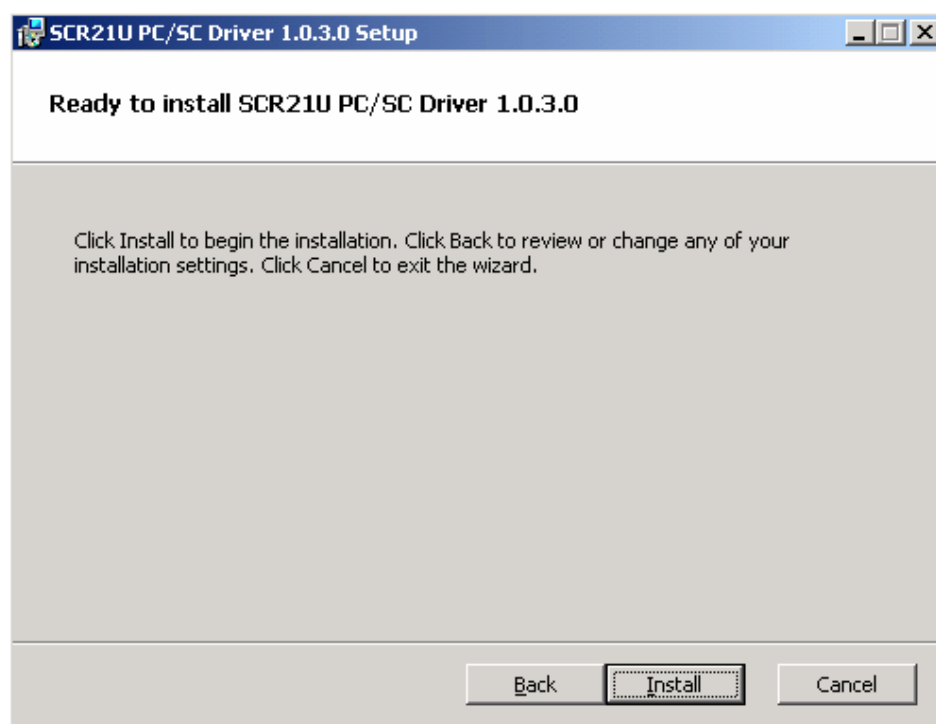
Please follow the steps below to install the IRIS Smart Card Reader, SCR21U driver:


Step(s)	Action
1	Make sure the SCR21U Smart Card Reader is disconnected from PC.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver installation process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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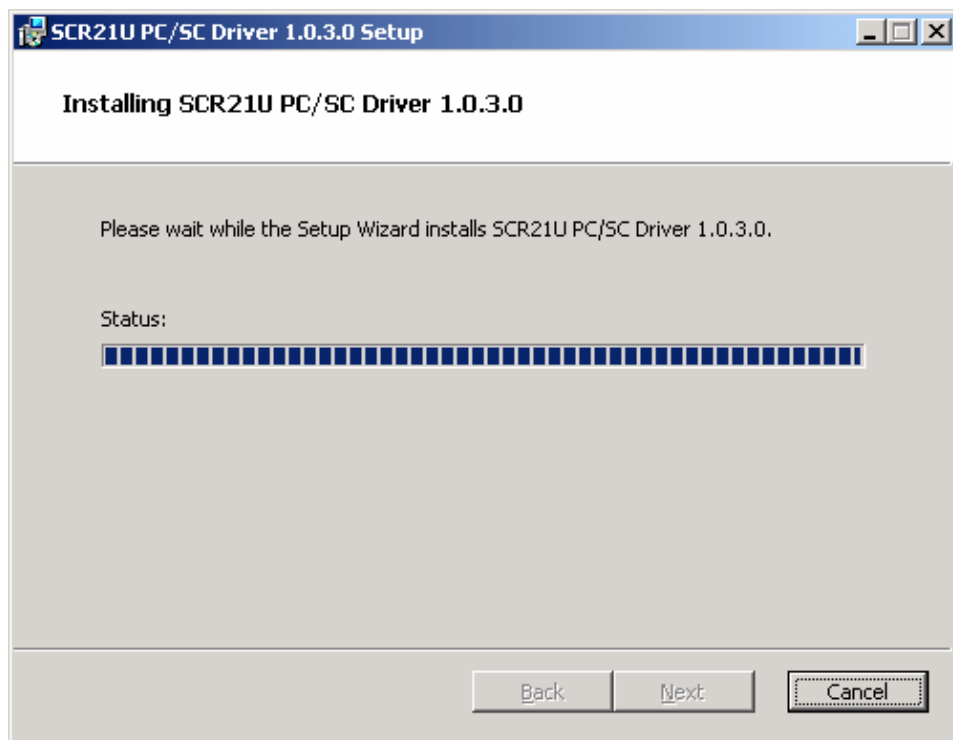


- 4 Click <Next> button to install to the default folder. The following screen would be displayed.




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- 5 Click <**Install**> button to begin the installation. The following screen would be displayed.



- 6 Please wait while the Setup Wizard installs the driver for your device. The following warning screen would be displayed. Click <**Yes**> button to proceed the installation process.



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7

Once the installation process completed, click <**Finish**> button to exit the Setup Wizard.




8

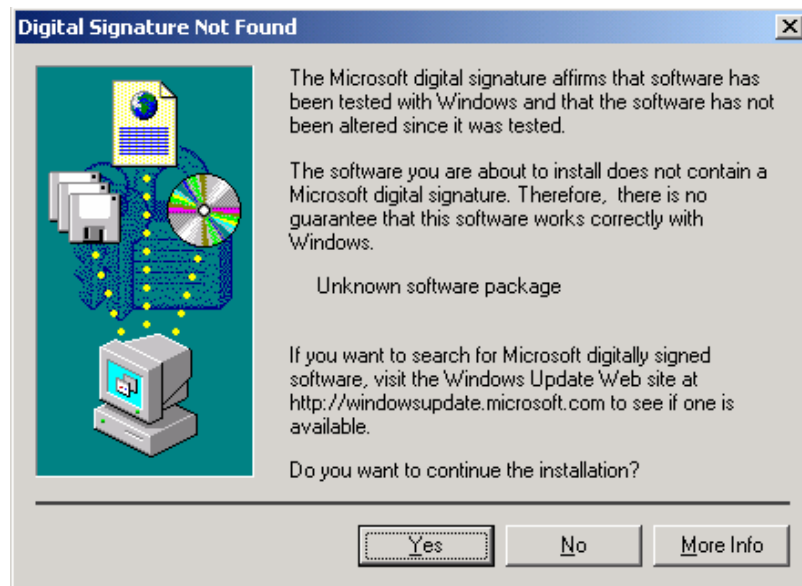
Once the driver has been completely installed into the PC, connect the SCR21U Smart Card Reader into USB port. The below screen shows the Windows detection of SCR21U Smart Card Reader. The subsequent steps show the Windows prompting the user to proceed for hardware installation.



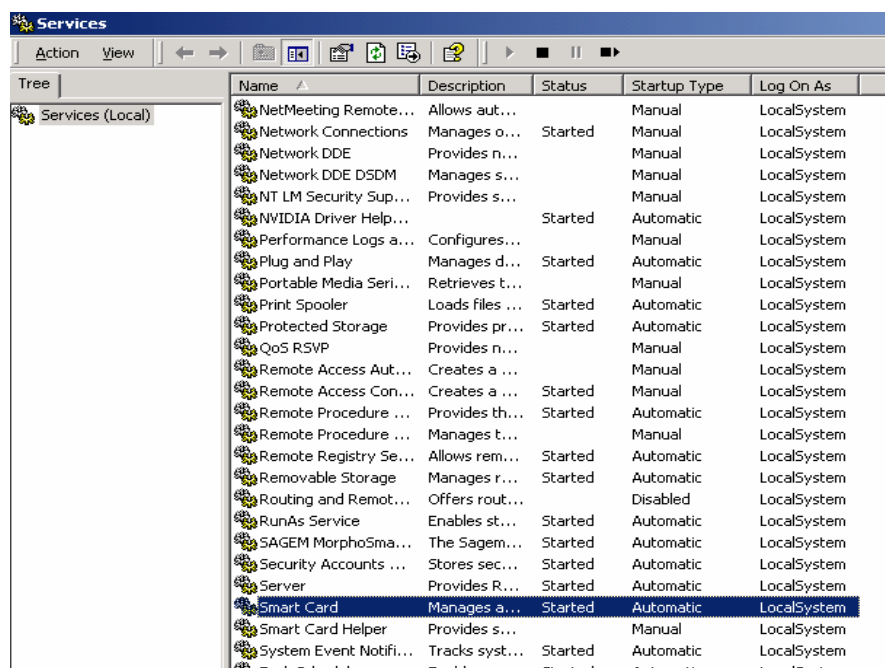
9


Click <**Yes**> to continue for installation. That's completed the hardware installation process.

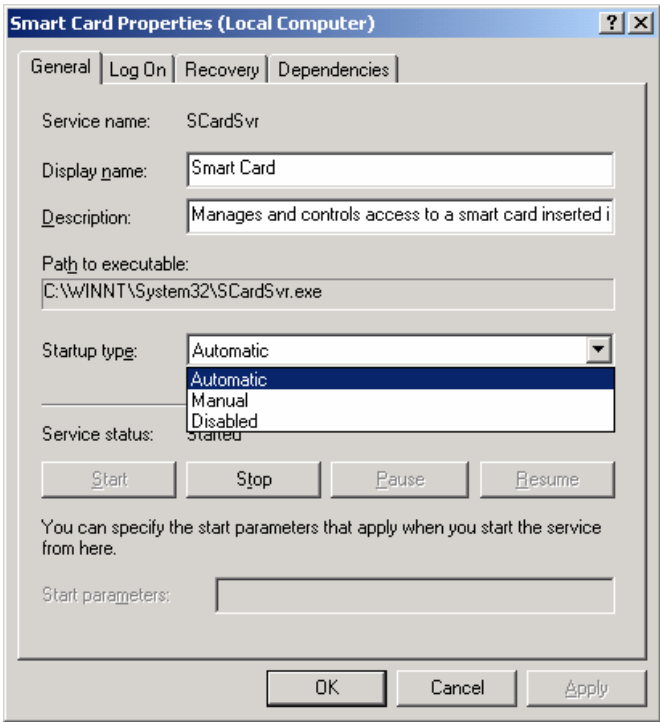
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- 10 To have the SCR21U driver installation for another USB port in the same PC, please repeat from step 8 to step 9.
- 11 Before start to use SCR21U Smart Card Reader to read card, check on the service which located in **Control Panel / Administrative Tools / Services**. Select “**Smart Card**” service as shown in picture below. Ensure the status is “**Started**” and Startup Type is “**Automatic**”.

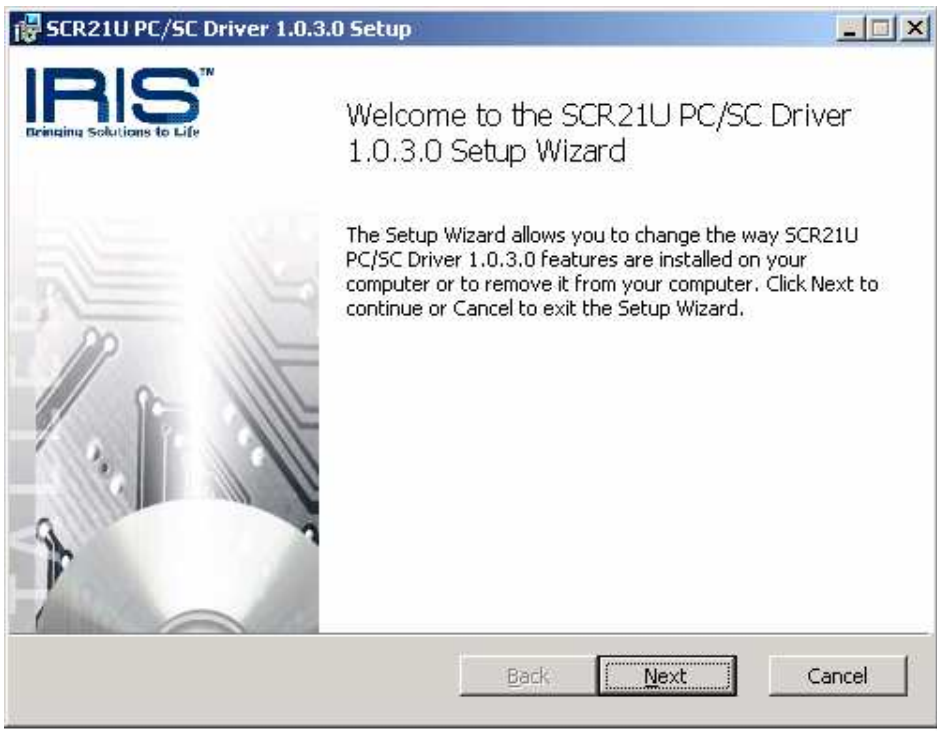



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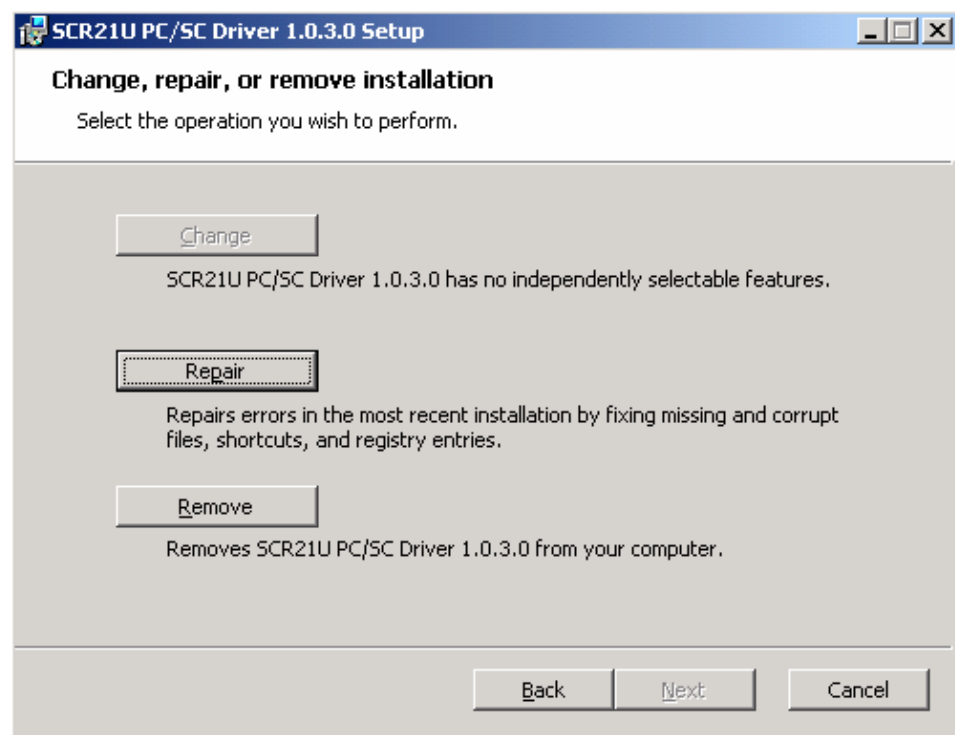
12	<p>If the status is “Stopped” and startup type is “Manual”, double click the “Smart Card” service to have Smart Card Properties dialog for configuration as shown in picture below. Select the “Automatic” in Startup type and click <Start> button to start the service immediately. If there is difficulty in starting the service, please contact your administrator. Click <Apply> button to confirm the changes and <OK> to exit.</p> 
13	SCR21U Smart Card Reader is ready to be used now.

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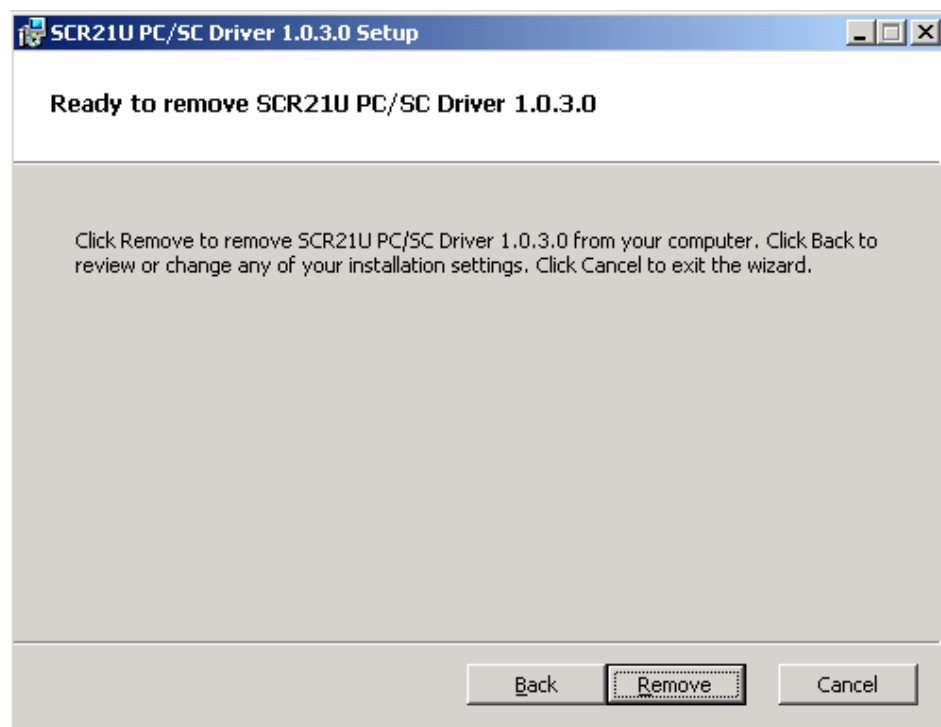
5.2 Driver Removal Procedure for IRIS SCR21U Smart Card Reader


Step(s)	Action
1	Disconnect the SCR21U Smart Card Reader that is attached to the USB port.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver removal process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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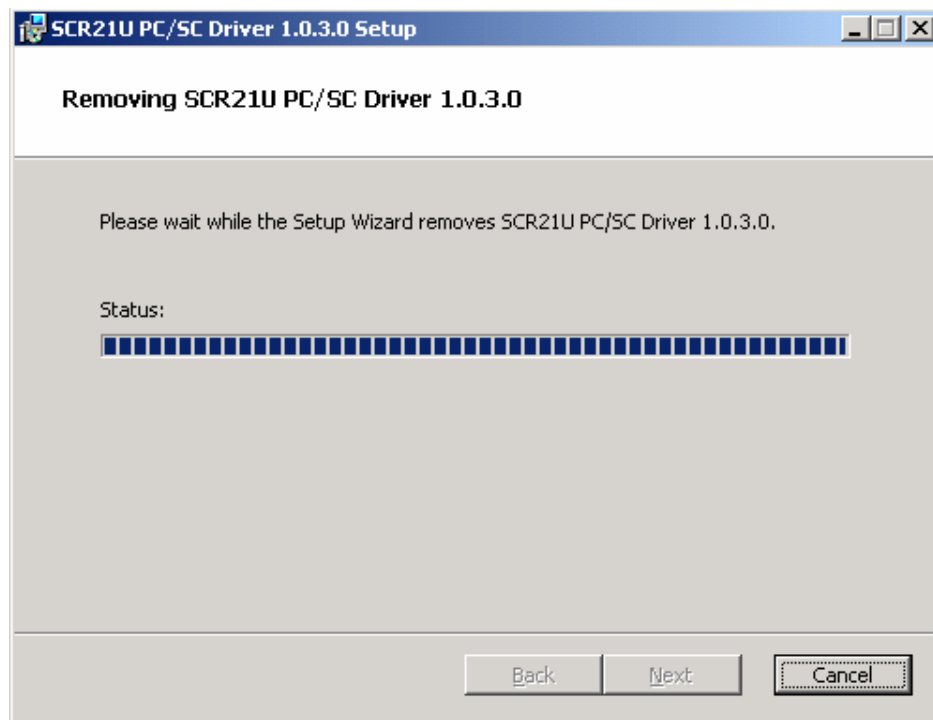


- 4 Select the “**Remove**” operation by clicking the <**Remove**> button. The following screen would be displayed.




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- 5 Click <**Remove**> button. The following screen would be displayed during removal process. Please wait.



- 6 Once the removal process completed, click <**Finish**> button to exit the Setup Wizard.

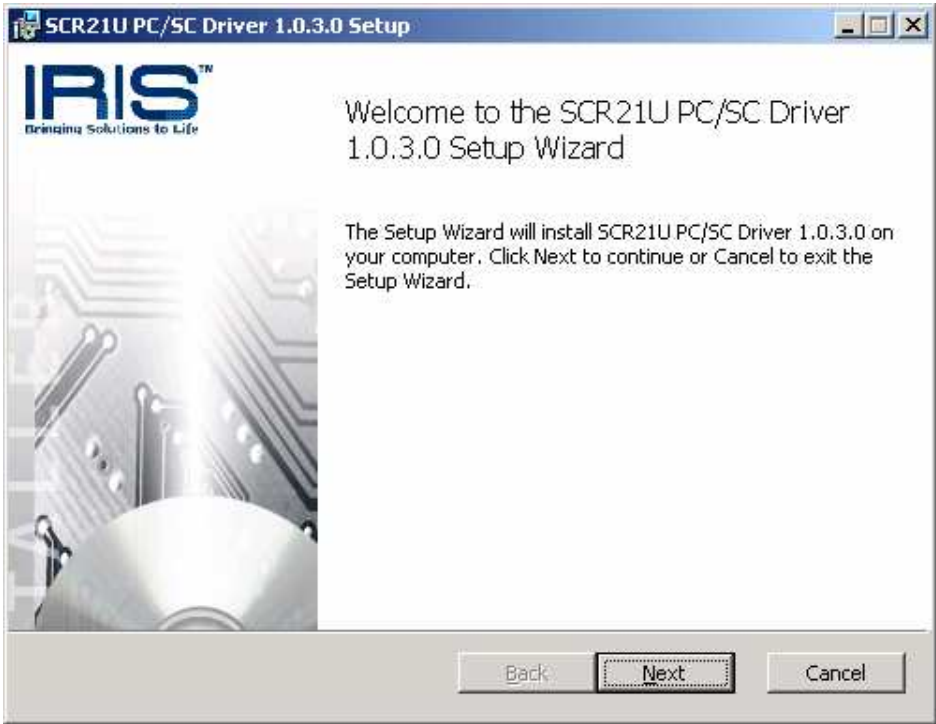



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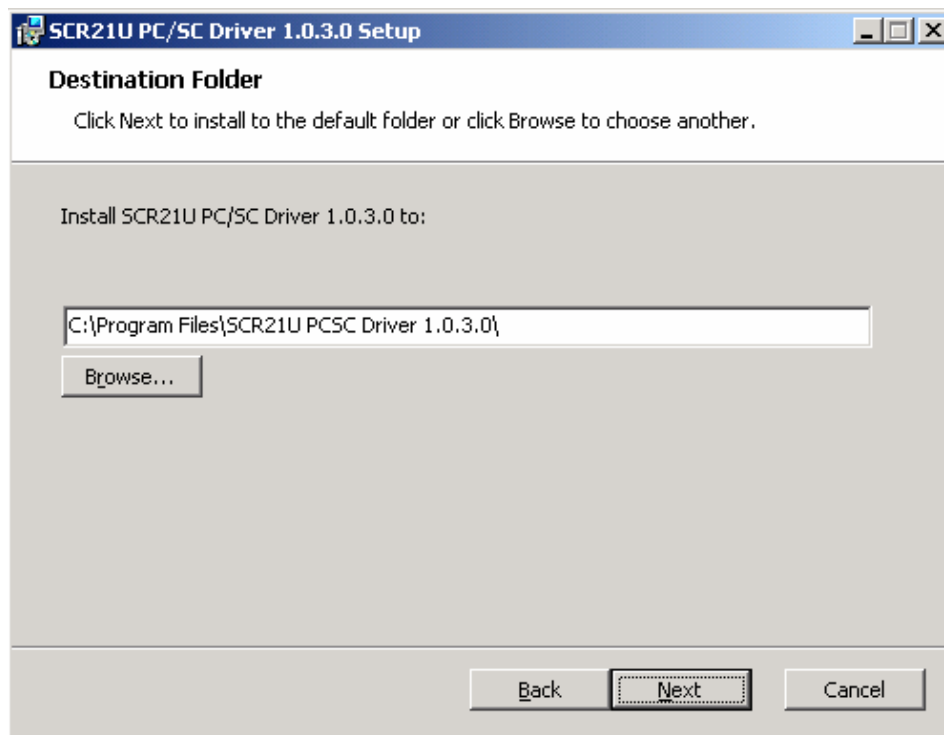
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6.1 Driver Installation Procedure for IRIS SCR21U Smart Card Reader

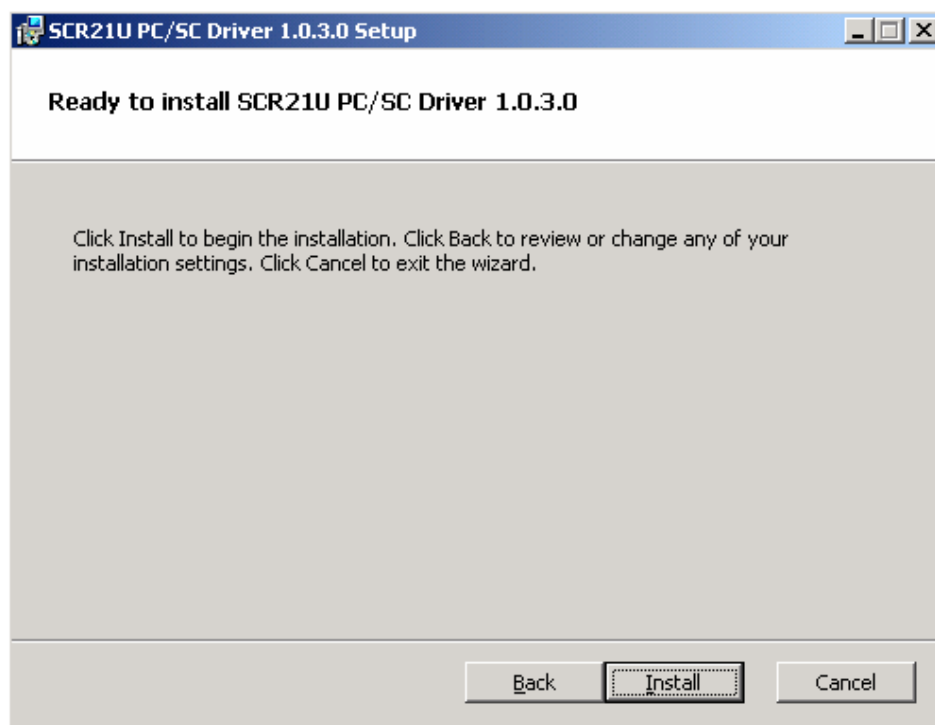
Please follow the steps below to install the IRIS Smart Card Reader, SCR21U driver:


Step(s)	Action
1	Make sure the SCR21U Smart Card Reader is disconnected from PC.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver installation process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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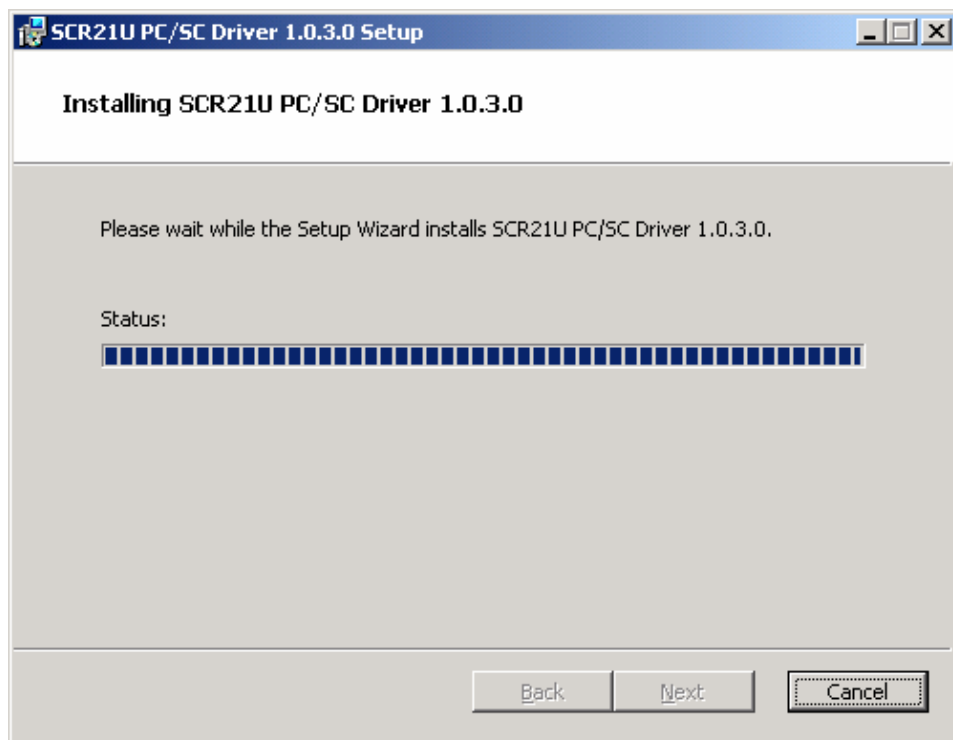


- 4 Click <Next> button to install to the default folder. The following screen would be displayed.




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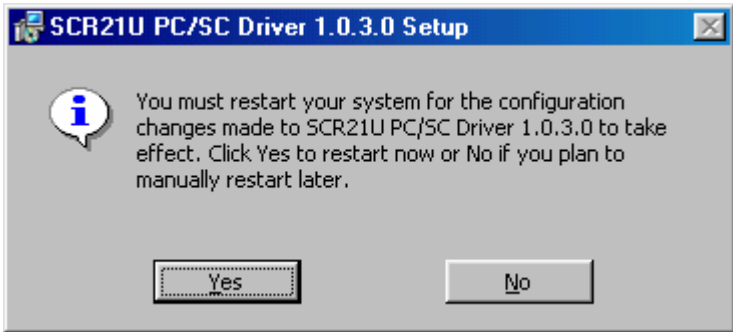

- 5 Click <**Install**> button to begin the installation. The following screen would be displayed.




- 6 Please wait while the Setup Wizard installs the driver for your device. Once the installation process completed, click <**Finish**> button to exit the Setup Wizard.

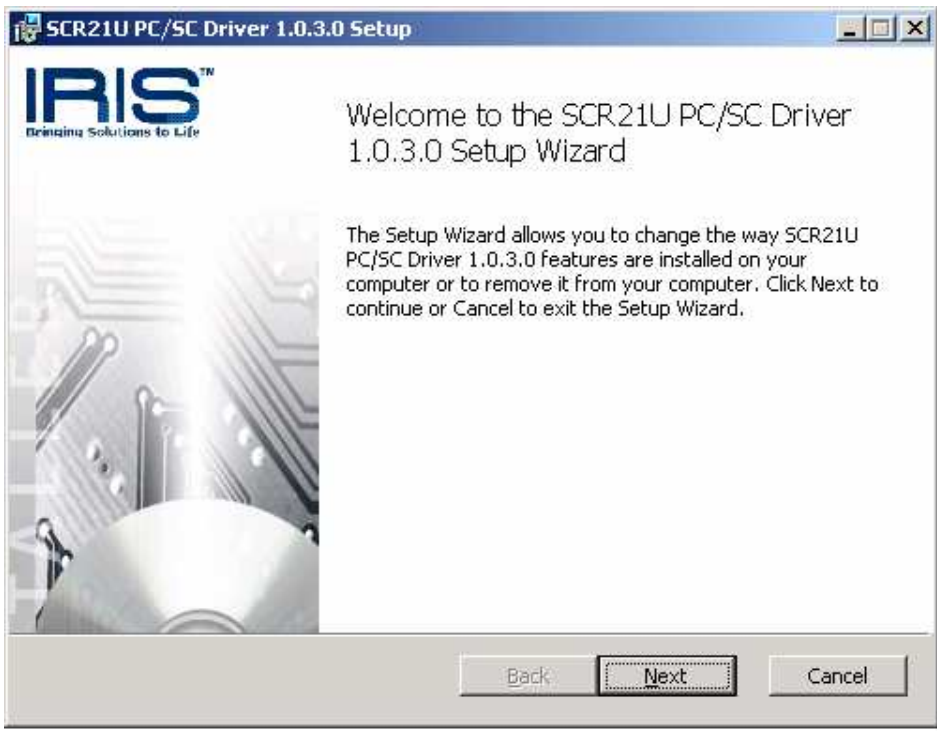



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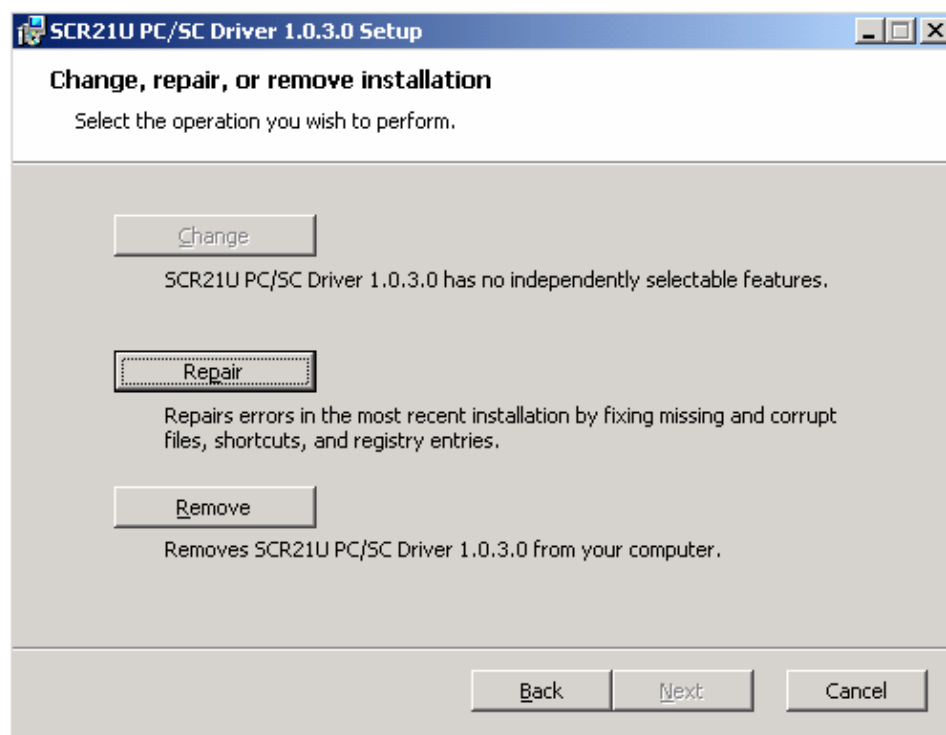
7	<p>Click <Yes> button to restart the PC to make the installation effective.</p> 
8	<p>Connect the SCR21U Smart Card Reader into USB port after PC rebooted. The below screen shows the Windows detection of SCR21U Smart Card Reader, a flash with message” New Hardware Found” will auto install the driver for the device. Please wait while the system is installing the driver for your hardware device.</p> 
9	<p>After the flash screen is closed, restart the PC with SCR21U Smart Card Reader left connected. The hardware installation process is now completely successful. The SCR21U Smart Card Reader is ready to be used after rebooted.</p>

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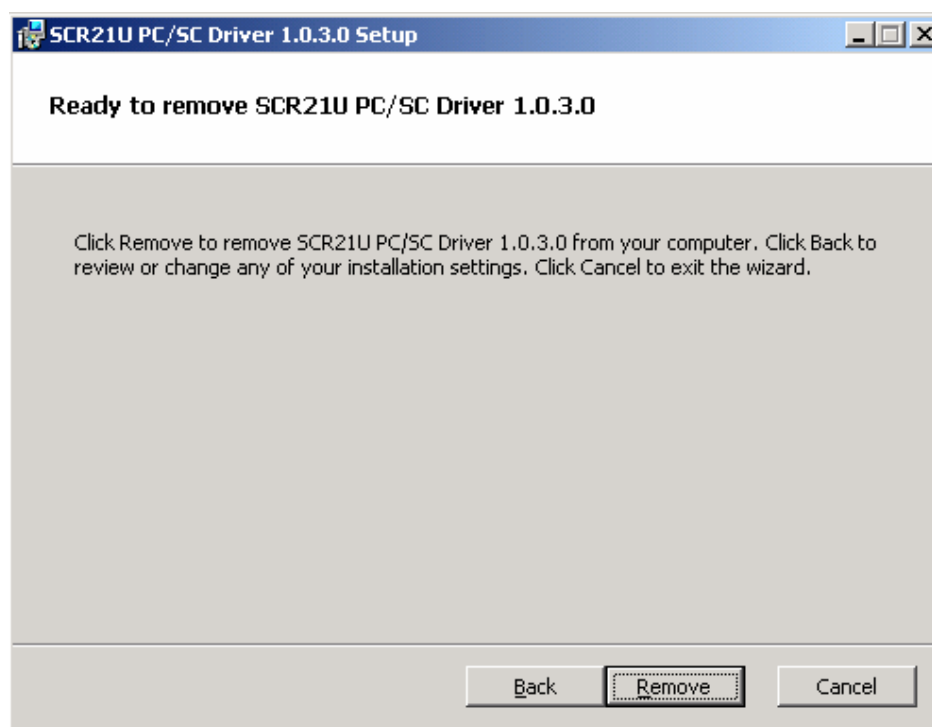
6.2 Driver Removal Procedure for IRIS SCR21U Smart Card Reader


Step(s)	Action
1	Disconnect the SCR21U Smart Card Reader that is attached to the USB port.
2	<p>Select the Setup.exe file from the CD provided and double-clicks on the file to start the driver removal process. The following screen would be displayed.</p> 
3	Click <Next> button to continue the Setup Wizard. The following screen would be displayed.

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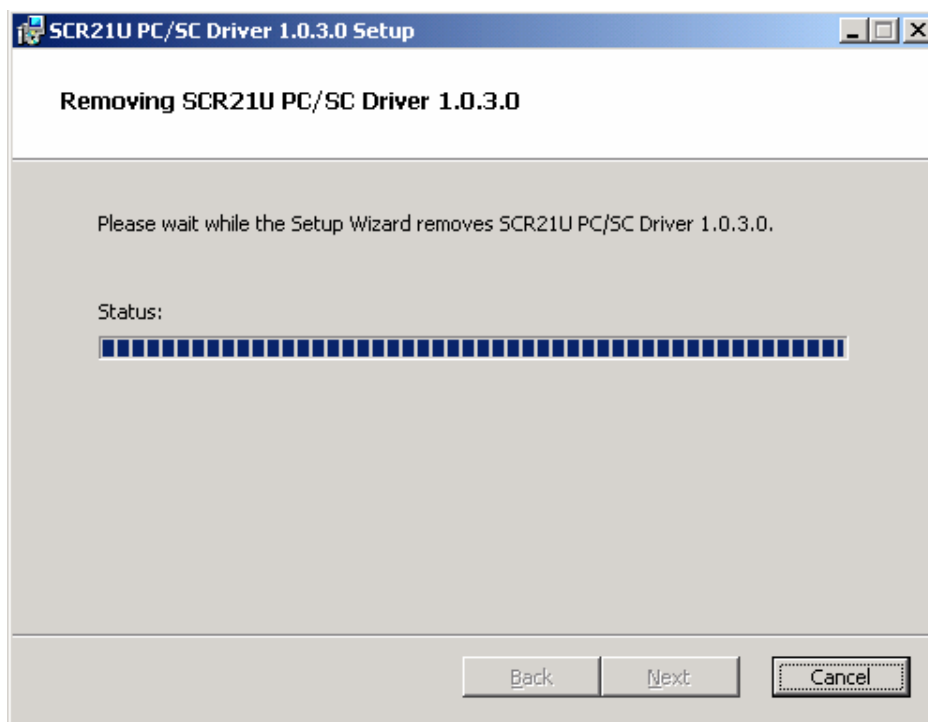
- 4 Select the “**Remove**” operation by clicking the <**Remove**> button. The following screen would be displayed.



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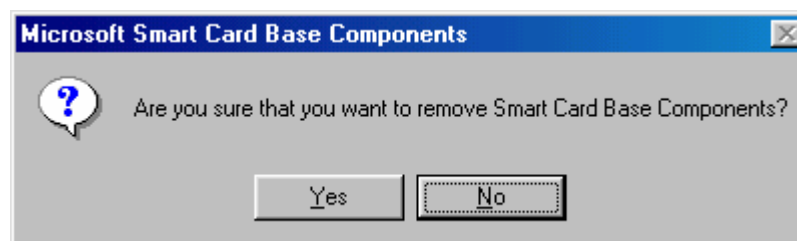
5


Click <**Remove**> button. The following screen would be displayed during removal process. Please wait.



6

The following screen would be displayed. Click <Yes> button to remove Smart Card Base Components.



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7


The following screen would be displayed, showing the Smart Card Base Components were successfully removed. Click <OK> button to proceed.

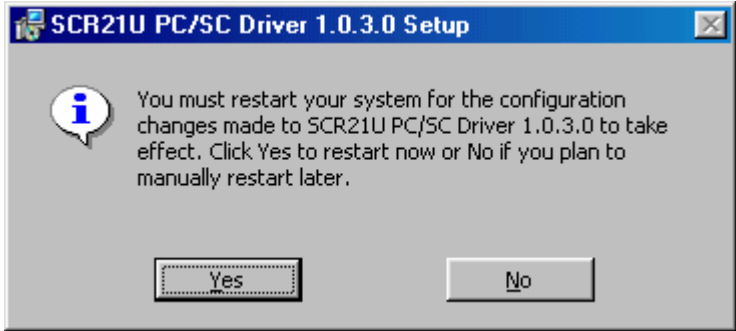


8

Click <Finish> button to exit the Setup Wizard.



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9	<p>Click <Yes> button to restart the PC. The driver has been completely removed from the PC.</p> 
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