

# **Security Escort**

SE3000 Series



# Table of contents

<b>1</b>	<b>Copyright and warranty</b>	<b>5</b>
<b>1.1</b>	Trademarks	<b>5</b>
<b>1.2</b>	Software license agreement	<b>5</b>
<b>1.3</b>	Limited warranty	<b>5</b>
<b>1.4</b>	Remedy	<b>5</b>
<b>1.5</b>	Use latest software	<b>6</b>
<b>2</b>	<b>Introduction</b>	<b>7</b>
<b>3</b>	<b>Demo installations</b>	<b>8</b>
<b>4</b>	<b>Upgrading process from previous versions of Security Escort</b>	<b>9</b>
<b>5</b>	<b>Non-network installations</b>	<b>10</b>
<b>6</b>	<b>Network installations</b>	<b>11</b>
<b>7</b>	<b>Installing the Security Escort software</b>	<b>12</b>
<b>7.1</b>	Software installation procedure	<b>12</b>
<b>7.2</b>	Uninstalling the Security Escort program	<b>21</b>
<b>8</b>	<b>Network setup</b>	<b>23</b>
<b>8.1</b>	Install and configure the network	<b>23</b>
<b>8.1.1</b>	Install a network interface card in the master and slave computers	<b>23</b>
<b>8.1.2</b>	Network setup on Windows	<b>23</b>
<b>8.2</b>	Install the Security Escort software on the master and slave computers	<b>29</b>
<b>8.3</b>	Configure and map Security Escort folder	<b>30</b>
<b>8.3.1</b>	Configure the Security Escort folder to be shared	<b>30</b>
<b>8.3.2</b>	Map the master's network drive from each slave and workstation	<b>33</b>
<b>8.3.3</b>	Map the slave's network drive from each master and workstation	<b>34</b>
<b>8.4</b>	Initial login	<b>36</b>
<b>8.5</b>	Configure the Security Escort software	<b>38</b>
<b>8.5.1</b>	Configure the software on the master computer	<b>39</b>
<b>8.5.2</b>	Configure the software on the slave computer	<b>40</b>
<b>8.5.3</b>	Configure the software on the workstation computers	<b>41</b>
<b>9</b>	<b>Troubleshooting</b>	<b>43</b>
<b>9.1</b>	Compatibility issues with HASP driver	<b>43</b>
<b>9.2</b>	"CAN'T OPEN THE OPERATOR.EDB FILE" error	<b>44</b>
<b>9.3</b>	Network connection fails	<b>45</b>
<b>9.4</b>	"THE MASTER COMPUTER MUST BE ON-LINE TO RETURN THE SYSTEM TO OPERATIONAL STATUS" message	<b>46</b>
<b>10</b>	<b>Maintenance</b>	<b>47</b>
<b>10.1</b>	Workstation and slave system synchronization	<b>47</b>
<b>10.2</b>	Reloading database to the workstation or slave	<b>47</b>
<b>11</b>	<b>Appendix: Files required for Security Escort</b>	<b>48</b>
<b>12</b>	<b>Appendix: Upgrading process from previous versions of Security Escort</b>	<b>50</b>
<b>12.1</b>	Upgrading process from SE2.14 and SE2.15 to SE3.0.0	<b>51</b>
<b>12.1.1</b>	Part 1A: Backup database from SE2.14 and SE2.15	<b>51</b>
<b>12.1.2</b>	Part 2A: Restore database to SE2.18.1.0 and export to XML	<b>52</b>
<b>12.1.3</b>	Part 3: Import Transponder Database (XML) and restore the other databases to SE3.0.0	<b>54</b>
<b>12.2</b>	Upgrading process from SE2.16, SE2.17 and SE2.18 to SE3.0.0	<b>58</b>
<b>12.2.1</b>	Part 1B: Export Transponder Database (XML) and backup other databases from SE2.16, 2.17 and 2.18	<b>58</b>
<b>12.2.2</b>	Part 3: Import Transponder Database (XML) and restore the other databases to SE3.0.0	<b>60</b>
<b>13</b>	<b>Appendix: Software licenses</b>	<b>63</b>

<b>13.1</b>	Bosch software	<b>63</b>
<b>13.2</b>	Other licenses – copyright notices	<b>63</b>
<b>13.3</b>	Warranties and disclaimer of warranties	<b>63</b>

# 1 Copyright and warranty

## 1.1 Trademarks

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

## 1.2 Software license agreement

Security Escort's Central Control software for Microsoft® Windows®.



### Notice!

This software relates to security. Access should be limited to authorized individuals. This software contains provisions for setting security passwords. Appropriate security levels should be established and passwords should be set before allowing operating personnel access to this software. The original disk should be safeguarded against unauthorized use. In addition, security/fire controls contain passwords to prevent unauthorized access; these passwords must also be set and their identity carefully safeguarded.

Please read the following license agreement prior to installing and operating the software. Do not install this software unless you agree to the following terms:

### You MAY

- Use the Security Escort program only on a single Security Escort system, with a single master computer, a single optional slave computer, and only the number of workstations originally factory programmed into the software key.
- This program can be used without a software key only for demo purposes. In no case can this program be used on a live system without an authorized software key.
- Copy the program into another computer only for backup purposes in support of your use of the program on one Security Escort system.

### You may NOT

- Transfer this program or license to any other party without the express written approval of Bosch Security Systems.

## 1.3 Limited warranty

Bosch Security Systems warrants that the program will substantially conform to the published specifications and documentation, provided that it is used on the computer hardware and with the operating system for which it was designed. Bosch Security Systems also warrants that the magnetic media on which the program is distributed and the documentation are free of defects in materials and workmanship. No Bosch Security Systems dealer, distributor, agent, or employee is authorized to make any modification or addition to this warranty, oral, or written. Except as specifically provided above, Bosch Security Systems makes no warranty or representation, either express or implied, with respect to this program or documentation, including their quality, performance, merchantability, or fitness for a particular purpose.

## 1.4 Remedy

Bosch Security Systems will replace defective media or documentation, or correct substantial program errors at no charge, provided you return the item with proof of purchase to Bosch Security Systems within 90 days of the date of delivery. If Bosch Security Systems is unable to replace defective media or documentation, or correct substantial program errors, Bosch Security Systems will refund the license fee. These are your sole remedies for any breach of warranty.

Because programs are inherently complex and may not be completely free of errors, you are advised to verify your work. In no event will Bosch Security Systems be liable for direct, indirect, incidental, or consequential damages arising out of the use of or inability to use the program or documentation, even if advised of the possibility of such damages. Specifically, Bosch Security Systems is not responsible for any costs including, but not limited to, those incurred as a result of lost profits or revenue, loss of use of the computer programs or data, the cost of any substitute program, claims by third parties, or for other similar costs. Bosch Security Systems does not represent that the licensed programs may not be compromised or circumvented. In no case shall Bosch Security Systems liability exceed the amount of the license.

Some states do not allow the exclusion or limitation of implied warranties, or limitation of liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Bosch Security Systems retains all rights not expressly granted. Nothing in this license constitutes a waiver of Bosch Security Systems rights under the U.S. Copyright laws or any other Federal or state law.

Should you have any questions concerning this license, write to:

Robert Bosch Security Solutions Pte Ltd  
11 Bishan Street 21  
Singapore 573943

## 1.5 Use latest software

Before operating the device for the first time, make sure that you install the latest applicable release of your software version. For consistent functionality, compatibility, performance, and security, regularly update the software throughout the operational life of the device. Follow the instructions in the product documentation regarding software updates.

For more information, refer to the Security Escort release notes and manuals from the Bosch online product catalog.

The following links provide more information:

- General information: <https://www.boschsecurity.com/xc/en/support/product-security/>
- Security advisories, that is a list of identified vulnerabilities and proposed solutions: <https://www.boschsecurity.com/xc/en/support/product-security/security-advisories.html>

Bosch assumes no liability whatsoever for any damage caused by operating its products with outdated software components.

## 2 Introduction



### Warning!

If this is a live system, back up the databases, maps, and preferences before installing the software! Refer to the Security Escort Technical Reference Manual, **Utilities** menu > **Backup** dialog.

This document describes the Security Escort software setup. The system setup for Windows® network connections for master computers, slave computers, and workstation computers is also covered.

Version 2.0 and later of the Security Escort software requires a software key connected to the universal serial bus (USB) port of the master computer to operate.

The system can communicate with the coordinators and modifies the operator's database and preference settings. The sole exception to this is software that is used for demo purposes only.

The software key is programmed with the allowable number of slave and workstation computers that may be concurrently connected to the master computer. This setting is displayed in Security Escort's **About** dialog under the **About** menu.

### Minimum system requirements

As a minimum, each computer in the Central Console should be equipped with the following features and components:

- **Processor:** Intel i5 and above
- **Operating system:** Microsoft Windows 7® 32/64-bit, Windows 8/8.1® 32/64-bit, Windows 10® 32/64-bit, Windows Server 2008, Windows Server 2012, Windows Server 2016 R2
- **Virtual operating system:** VMware® Workstation 12 Player or newer
- **RAM:** Minimum 2 GB, due to .NET requirement
- **Hard disk space:** 1 GB of hard disk space should be available to allow collection of historical data
- **Backup:** External backup drive for backup and history storage
- **Video:** Color depth of 32 bit should be used
- **Modem:** Optional V.32bis (14.4), V.34 (33.8), or V.90 (56.6) modem for remote access and pager dial-out. If modem is external an additional serial port is required.
- **Printer:** Network printers

### 3 Demo installations

When the software is used for demo purposes, there are limitations to the users and devices in the system. Users and devices are confined to these limits in the following table. If these limitations are observed, the system can be used with full functionality for demo purposes.

Components	Object	Limitations	Display in [About] dialog
Subscriber Database	Subscribers	30 records	30
Transponder Database	Transponders	1 record	1
	Receivers	Only any 24 receivers on Bus 0 to 2 are allowed	24
	SE coordinators	3 records	3
	SE receivers	Only 7 SE receivers from Points 1 to 7 of each SE coordinator are allowed	21
Workstations and Slave	Slave	1 computer	11
	Workstations	10 computers	

**Table 3.1:** Demo Limitations

In demo mode, communication is limited to 1 transponder and 3 SE coordinators even if the **Transponder Database** has more devices than above. All tests, supervisions and maintenance alarms will function normally; however only subscriber alarms from 24 receivers on bus 0 to 2 of the transponder, and 7 SE receivers from points 1 to 7 of each SE coordinator will function. If an alarm also includes other receivers or SE receivers, these alarms will be ignored. Therefore, actual Security Escort operations can be demonstrated using up to a total of 24 receivers on the transponder system and 21 SE receivers on the SE coordinator system. A demo system can be used to directly connect to SE coordinators using the actual **Transponder Database** from the system to perform all functions except subscriber alarms. This is desirable to allow a laptop to be plugged directly into an SE coordinator to diagnose problems. In both of these modes the **Subscriber Database** must have 30 or less subscribers. Refer to Installing the Security Escort software section for the installation procedure. After the software has been installed, the demo installation is complete at this point and you do not have to refer to the rest of this document.



## 4 Upgrading process from previous versions of Security Escort

Please refer to the *Appendix: Upgrading process from previous versions of Security Escort, page 50* section for detailed instructions on upgrading from previous SE software versions to the current SE software version. The upgrading involves migrating the various databases to the current version. Note that due to technical and database limitations, migration from SE2.14 and 2.15 requires an intermediate step which involves SE2.18.1.0.

## 5 Non-network installations

If this system is not using the network to connect master, slave and workstation computers, refer to Installing the Security Escort software section to install the software. After the software has been installed, plug the software key into the USB port on the computer. A non-network installation is complete at this point and you do not have to refer to the rest of this document.

## 6 Network installations

The Security Escort software supports a single master computer, a single slave computer (optional) and a maximum of eight workstations. The master computer normally processes the real time communications to the SE coordinators and controls the system. The slave computer can assume the master's role by switching the SE coordinator communications to the slave computer.

This system redundancy feature is explained in further detail in the System redundancy chapter of the Security Escort Technical Reference Manual.

The workstation computers allow other computers to respond to alarms, perform maintenance and edit the databases.

## 7 Installing the Security Escort software

### 7.1 Software installation procedure

Typically, the Security Escort program is delivered on a CD-ROM.

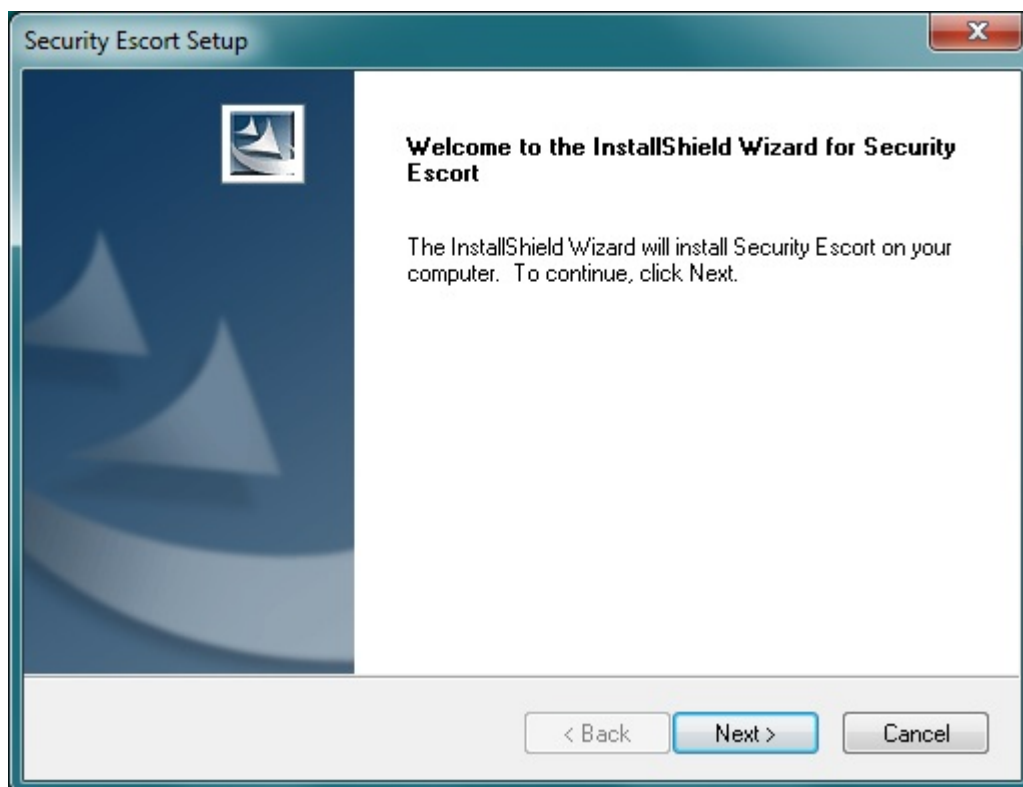
**Notice!**

Exit all other programs before inserting the CD-ROM.

An "autorun" feature should automatically start the installation program. If not, run SETUP.EXE using one of the following methods:

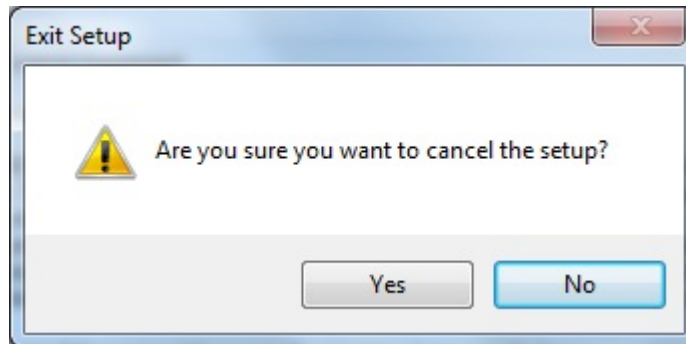
1. Double click the **Computer** icon on the desktop. Select the Compact Disc (X:), double-click the INSTALLER directory. Double-click the SETUP.EXE icon. X is the letter of the CD-ROM drive.
2. Go to **Start > Programs > Windows Explorer**. In Windows Explorer, select the Compact Disc (X:) and double-click the INSTALLER directory. Double-click the SETUP.EXE icon.
3. Click **Start > Run**. Type "X:\INSTALLER\SETUP.EXE" in the **Open** textbox and click the **[OK]** button. X is the drive letter for the CD-ROM drive.

Once SETUP.EXE is running, the following **Welcome** dialog appears.



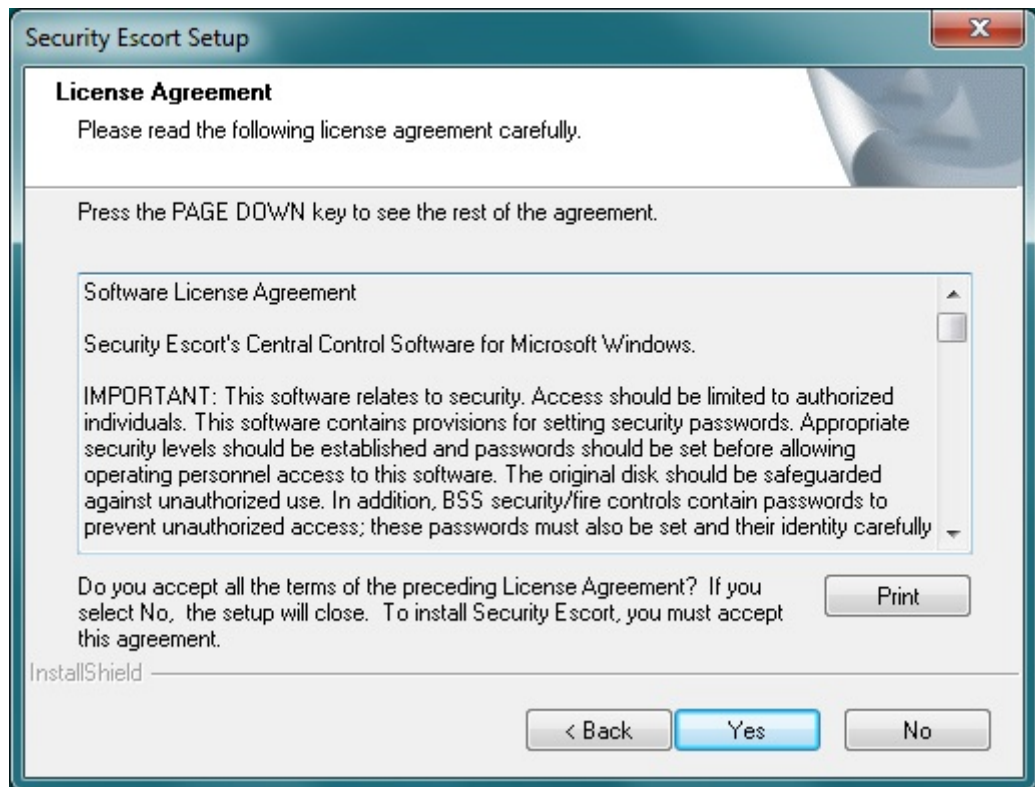
**Figure 7.1:** Security Escort Setup Welcome Dialog

You can click the **[Cancel]** button at any stage of installation to abort installation. The **Exit Setup** dialog will appear. Click the **[Yes]** button to abort installation.



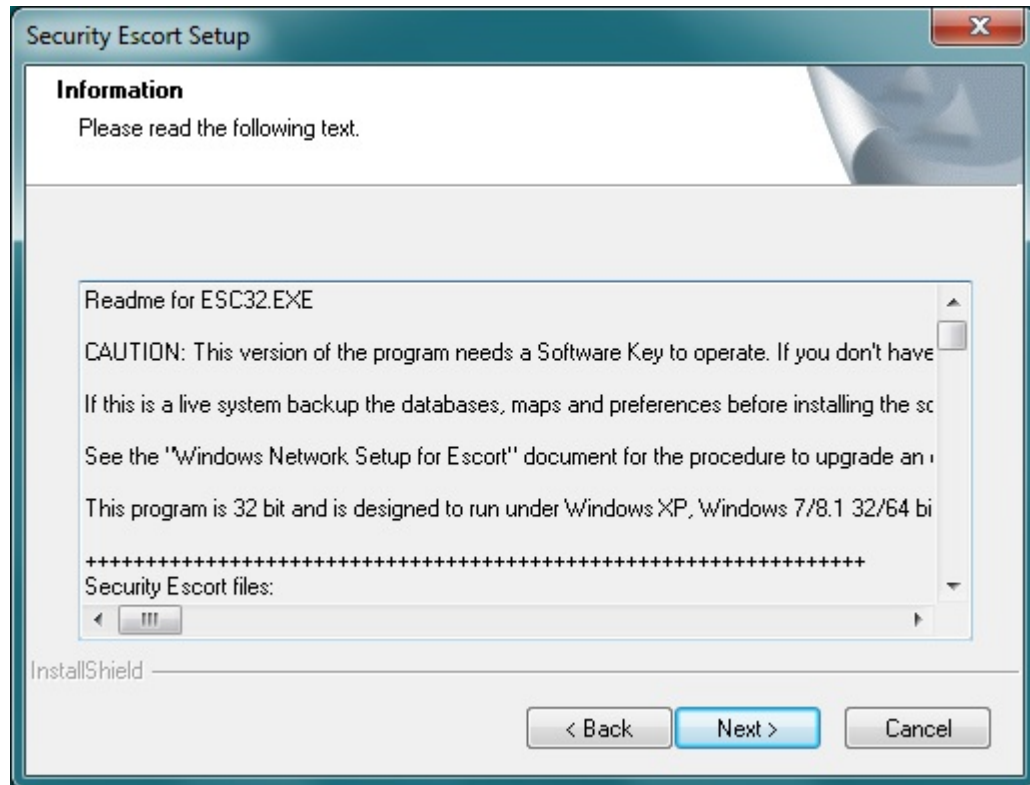
**Figure 7.2:** Exit Setup Dialog

Otherwise, click the **[Next >]** button. The **License Agreement** dialog appears.



**Figure 7.3:** License Agreement Dialog

Click the **[Yes]** button to accept the License Agreement. The **Readme Information** dialog appears.



**Figure 7.4:** Readme Information Dialog

Read the entire file before proceeding (use the scroll bar on the right side to see the portion not currently displayed). Once done, click the **[Next >]** button. The **Choose Destination Location** dialog appears. Select the location on the hard disk drive to install the Security Escort program. Typically, the default location ("C:\ESCORT") would be ideal.

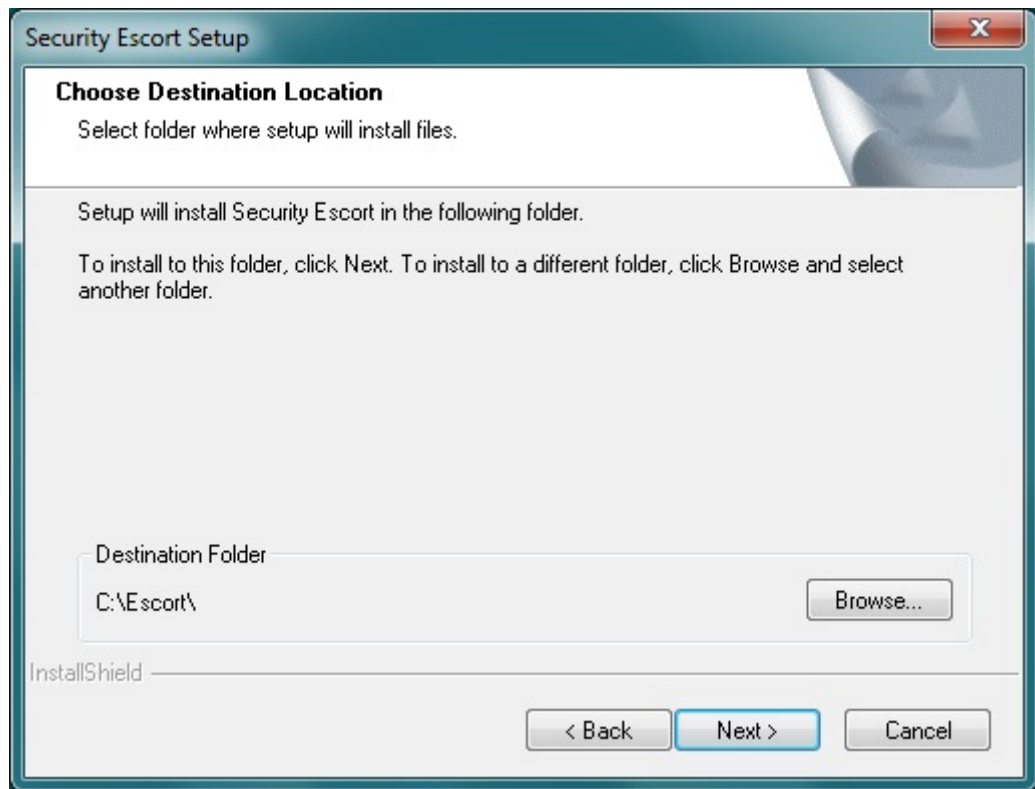


Figure 7.5: Choose Destination Location Dialog

If you wish to install the program in a different location, click the **[Browse]** button and the **Choose Folder** dialog appears. Select the desired folder and click the **[OK]** button. You will return to the **Choose Destination Folder** dialog.

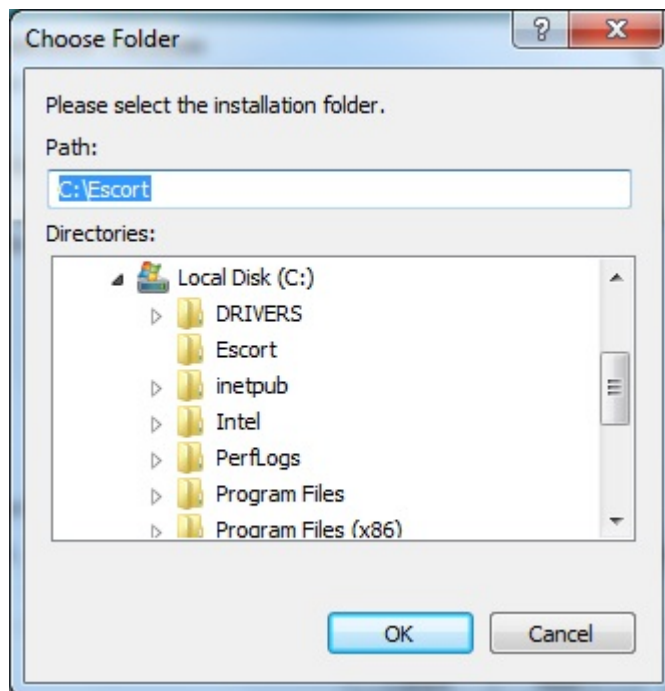
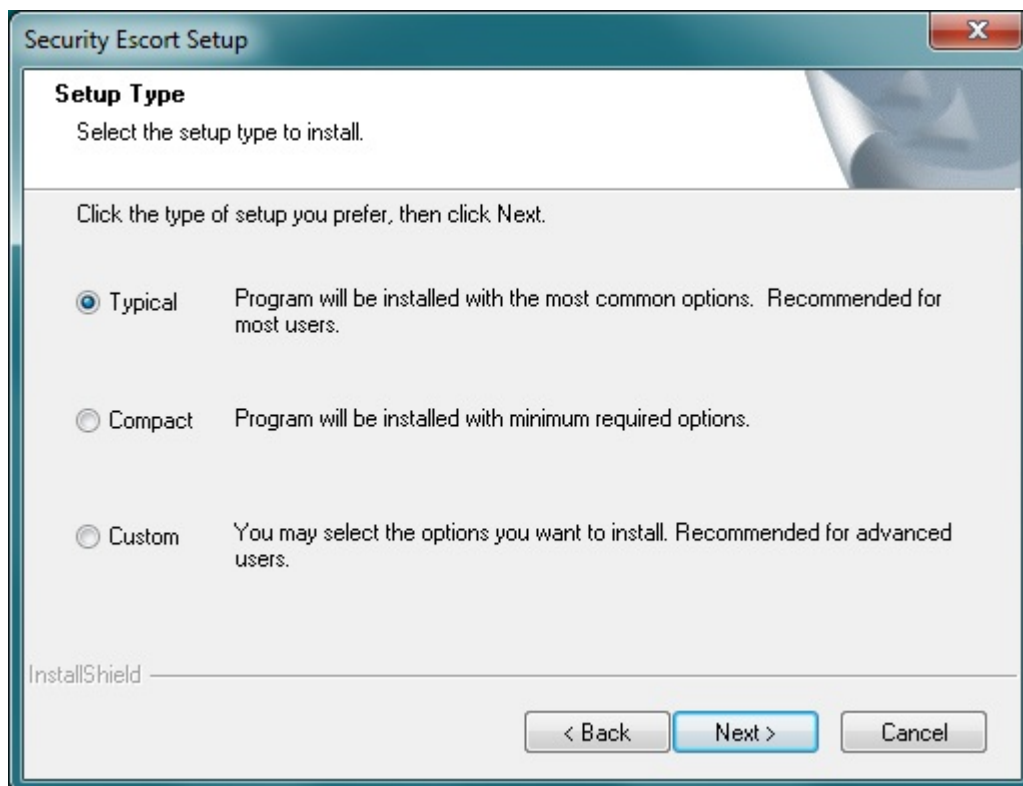


Figure 7.6: Choose Folder Dialog

Click the **[Next >]** button on the **Choose Destination Folder** dialog. The **Setup Type** dialog appears.



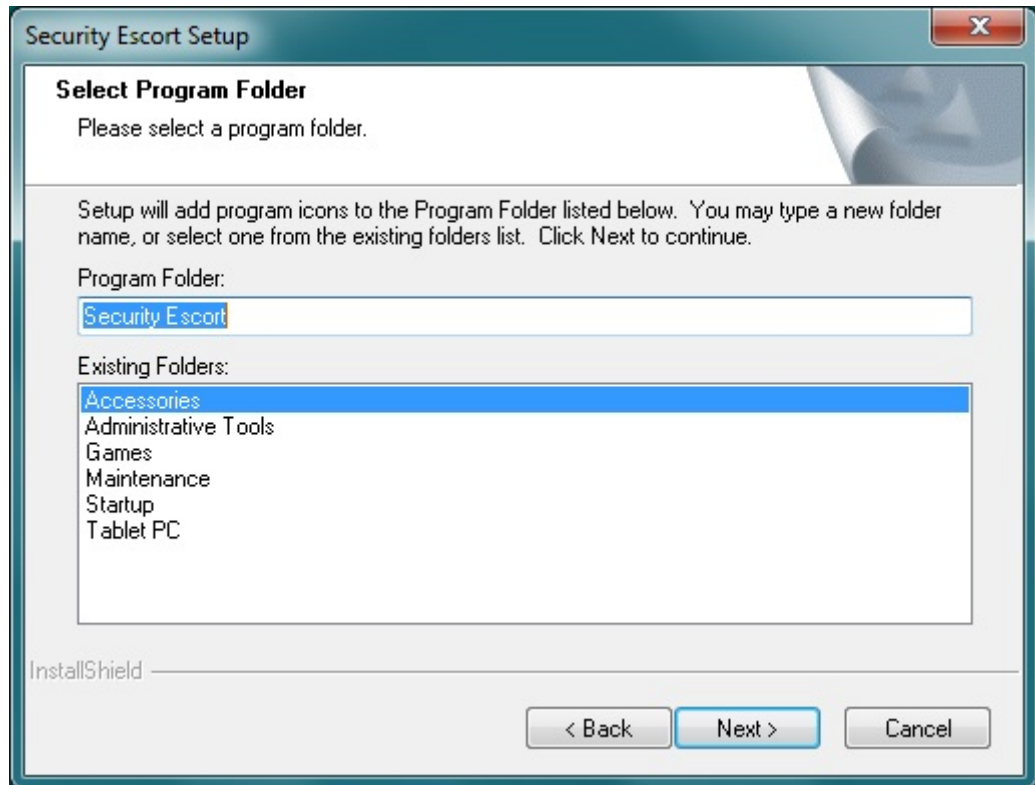
**Figure 7.7:** Setup Type Dialog

Select the type of installation you desire.

- **Typical** - For new installations, this is the option you should choose. It guarantees that all required components are installed and includes the installer for the software key. Use this selection for demo installations. Do not use this selection on existing installations; it replaces the databases and maps with the demo databases and maps.
- **Compact** - Only installs the application files. This selection can be used to update an existing installation. It does not write over the databases and map files. This selection cannot be used for new installations because it does not contain all required components, the installer for the software key, databases, and maps.
- **Custom** - This selection contains all systems components, databases, and maps. You may choose which to install.

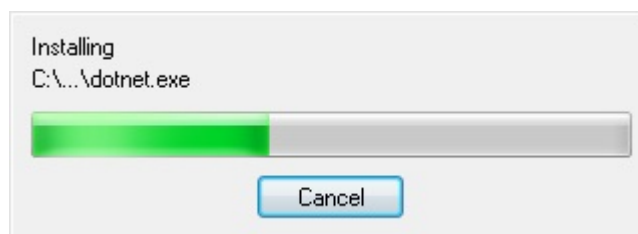


Click the **[Next >]** button. The **Select Program Folder** dialog appears for you to place the Security Escort shortcuts in the selected program folder.



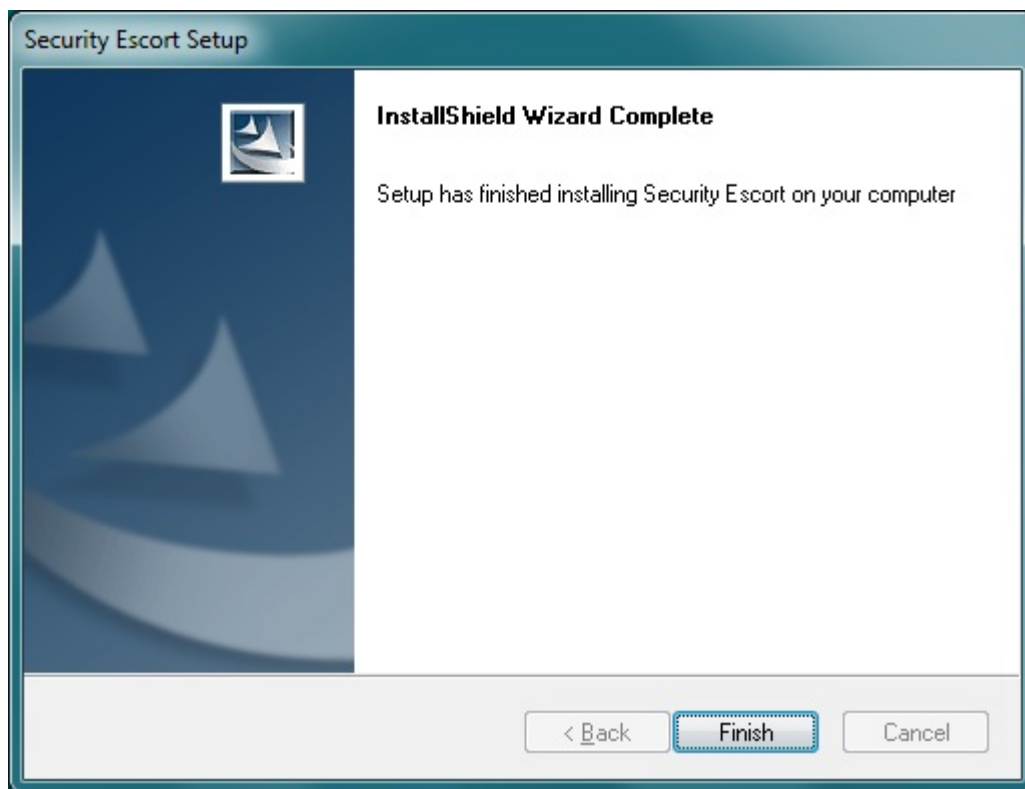
**Figure 7.8:** Select Program Folder Dialog

We are set to install the program. Click the **[Next >]** button. The installation starts, displaying the progress status.



**Figure 7.9:** Installation Progress Dialog

Once installation has completed, the **Installation Complete** dialog appears. Click the **[Finish]** button to finish the installation.



**Figure 7.10:** Installation Complete Dialog

To manually start the Security Escort program after installation, go to **Start > Programs > Security Escort**. In a live system, it is recommended that the Security Escort program be configured to automatically start. To auto start the program, place a shortcut to ESC32.EXE (the Security Escort program, typically located in "C:\ESCORT") in the following path:  
**C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Startup\Security Escort\**

### Turning on Microsoft .NET Framework feature

After installing the Security Escort software, you need to turn on the .NET feature in order for the software to work. Go to **Start > Control Panel > Programs and Features**.

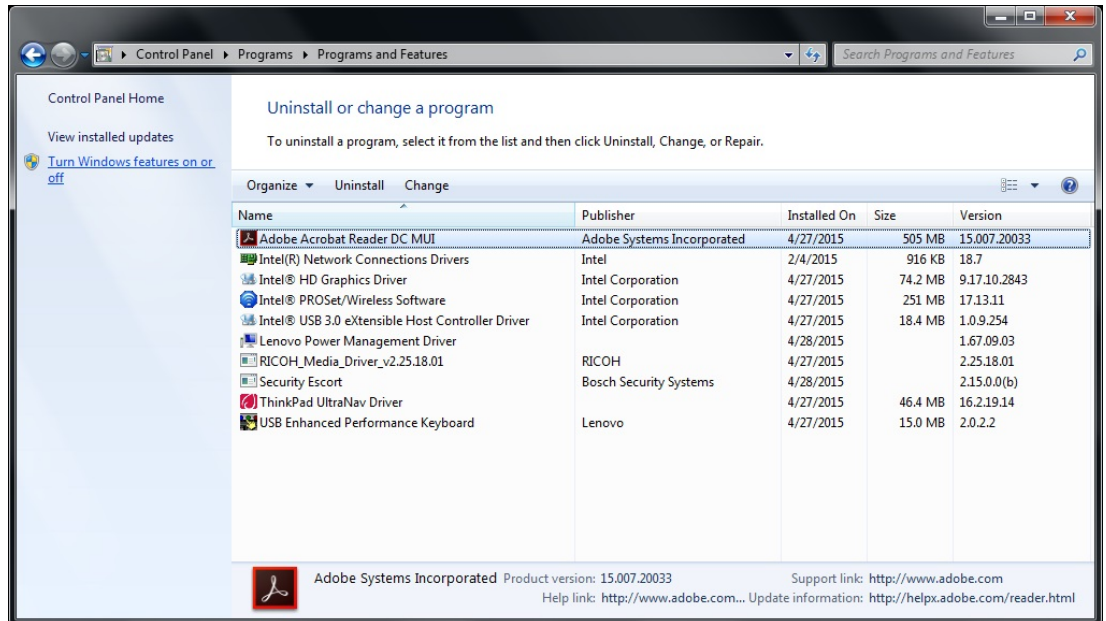


Figure 7.11: Control Panel

Click the **Turn Windows features on or off** link on the left of the window. The **Windows Features** dialog appears. Look for the **Microsoft .NET Framework 3.5.1** entry and ensure that the related checkboxes are selected.

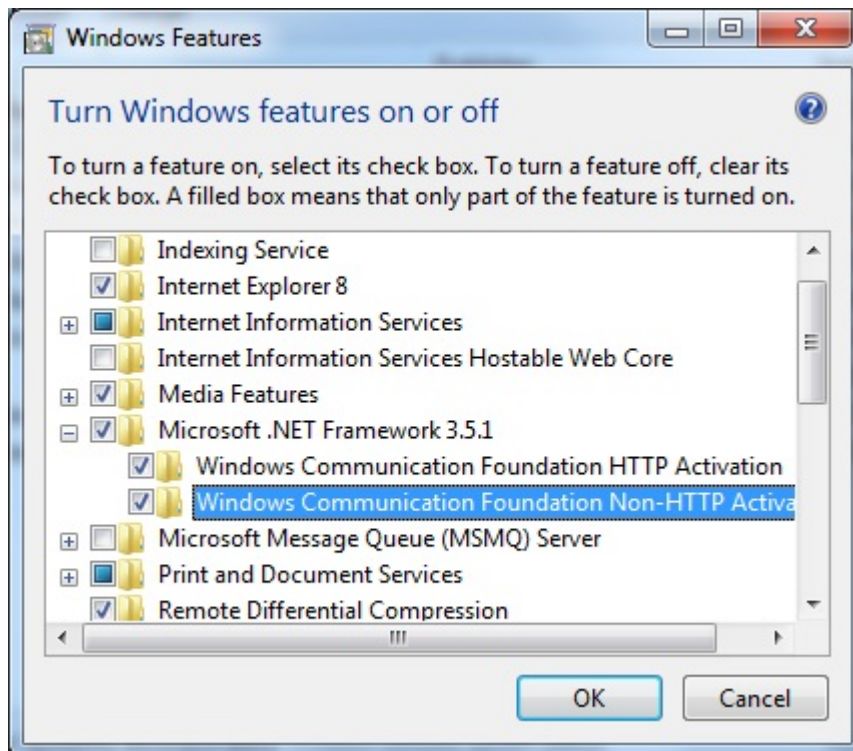
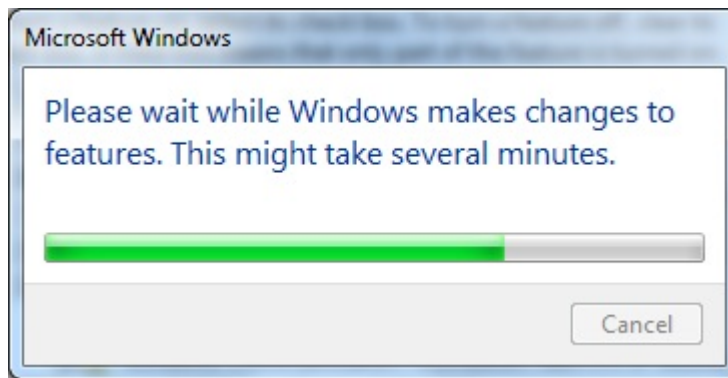


Figure 7.12: Windows Features Dialog

Click the **[OK]** button to turn on the Microsoft .NET Framework feature.



**Figure 7.13:** Change Progress Dialog

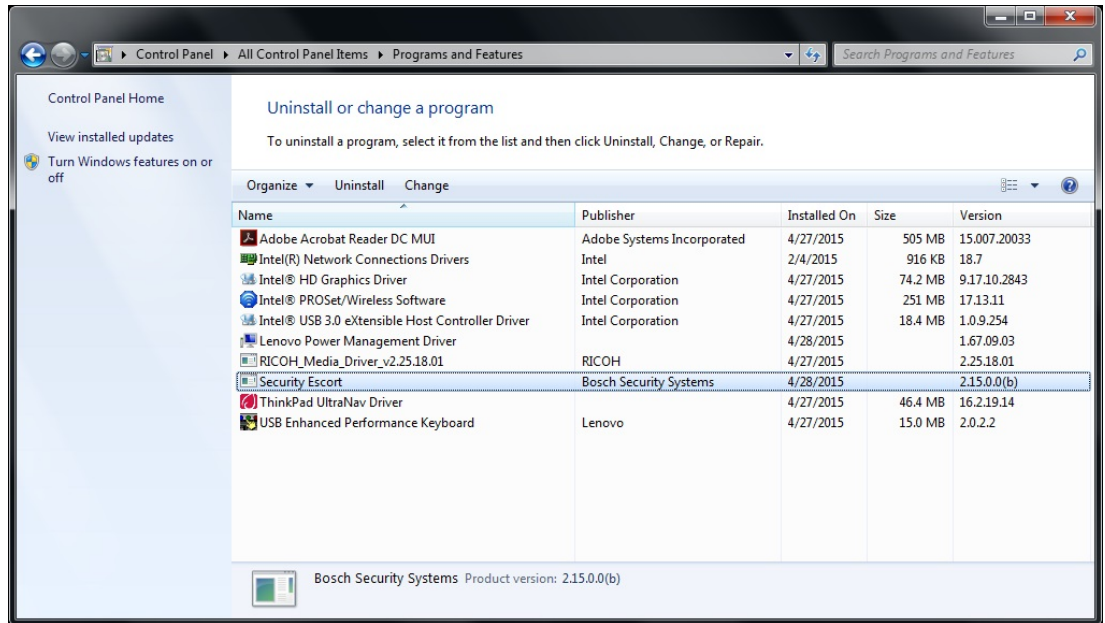
## 7.2 Uninstalling the Security Escort program



### Notice!

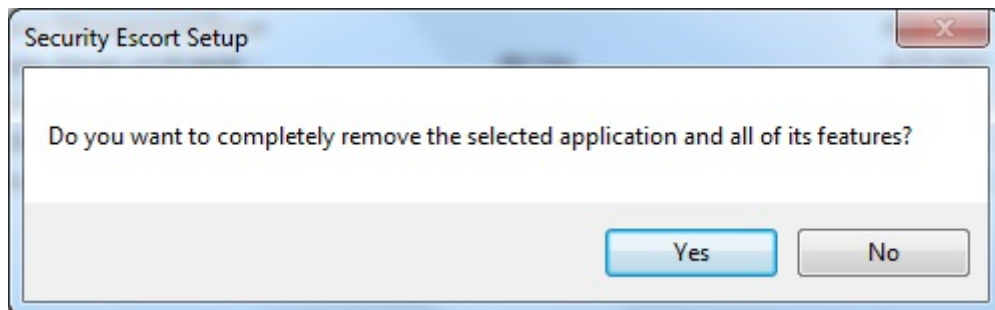
Do not do this unless you desire to remove the Security Escort program from this computer! Make sure you have backups of the databases and map files, after the uninstall, they can not be recovered.

Click **Start > Control Panel > Programs and Features**. From the list of programs, select **Security Escort** and click the **Uninstall** menu.



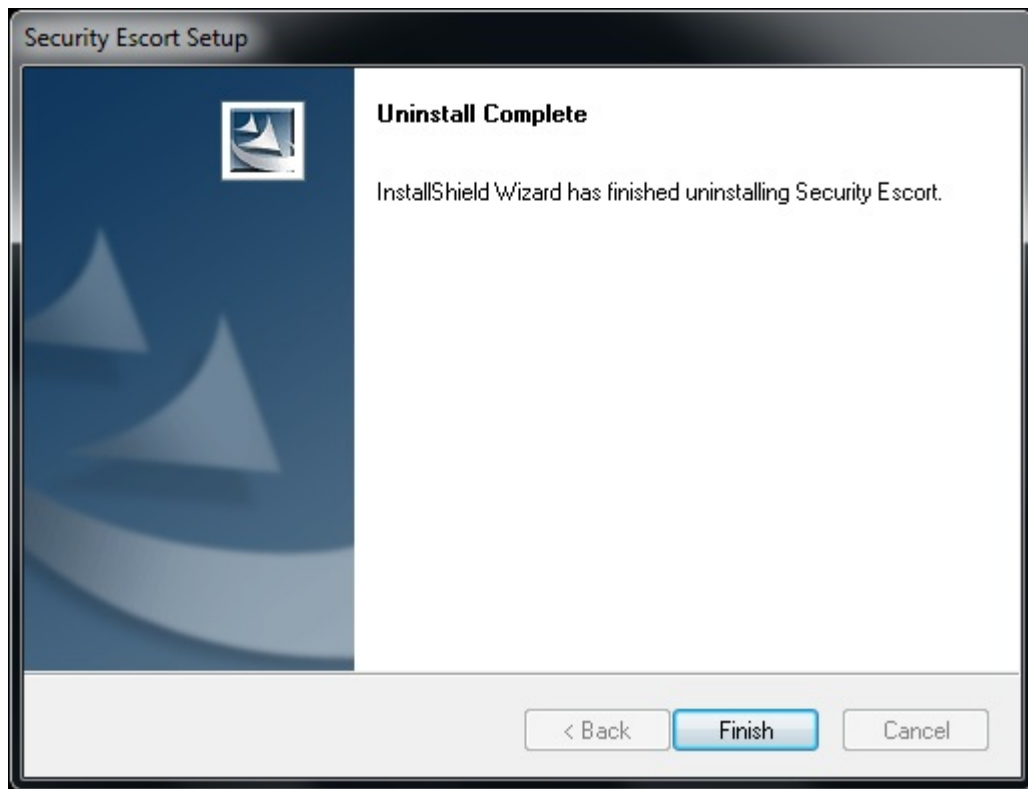
**Figure 7.14:** Control Panel Programs and Features Dialog

The dialog below appears. Click the **[Yes]** button and the Security Escort program uninstalls.



**Figure 7.15:** Confirm Remove Application Dialog

Once completed, the **Uninstall Complete** dialog window appears. Click the **[Finish]** button to return to your desktop.



**Figure 7.16:** Uninstall Complete Dialog

## 8 Network setup

### 8.1 Install and configure the network

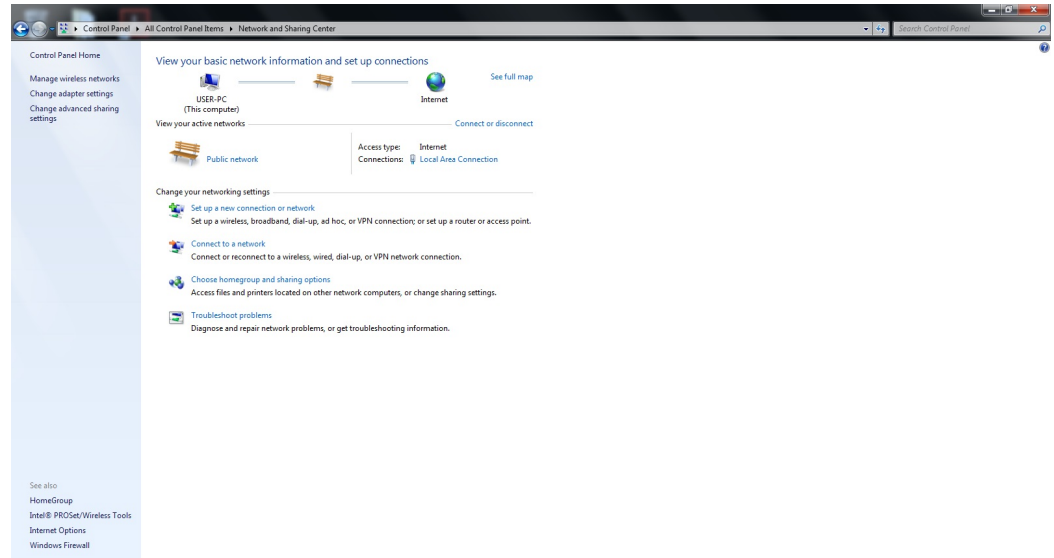
#### 8.1.1 Install a network interface card in the master and slave computers

If the computer already has a network interface card, there is no need to install another for Security Escort. It can share the existing card.

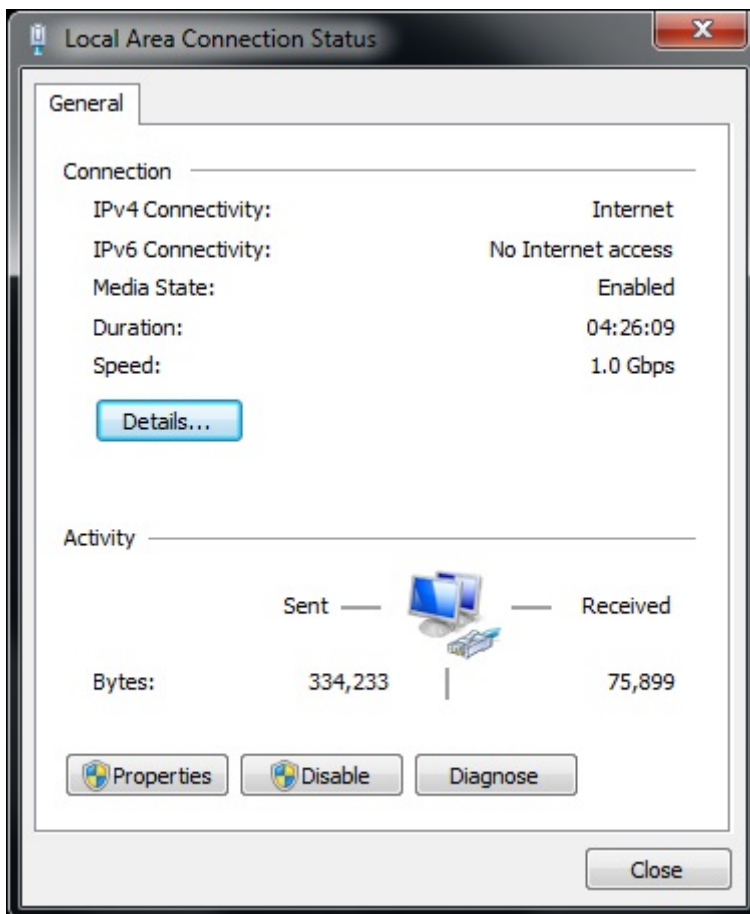
#### 8.1.2 Network setup on Windows

Windows installs the TCP/IP protocol by default; there should be no need to install it.

1. To setup the TCP/IP protocol, go to **Start > Control Panel > Network and Sharing**.

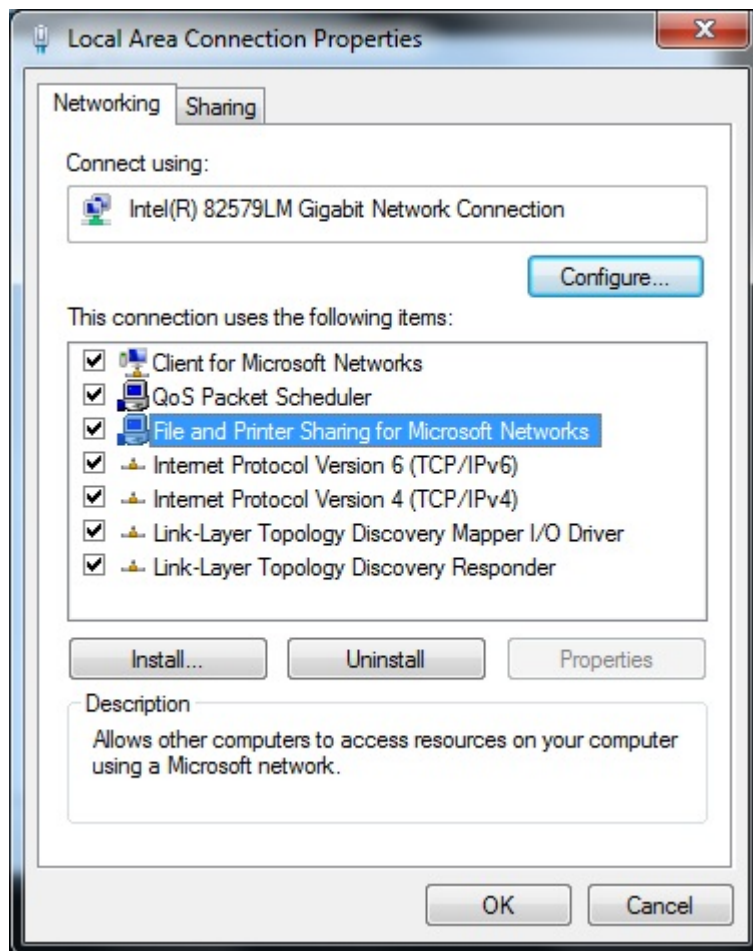


2. Click the **Local Area Connection** link. The **Local Area Connection Status** dialog appears.

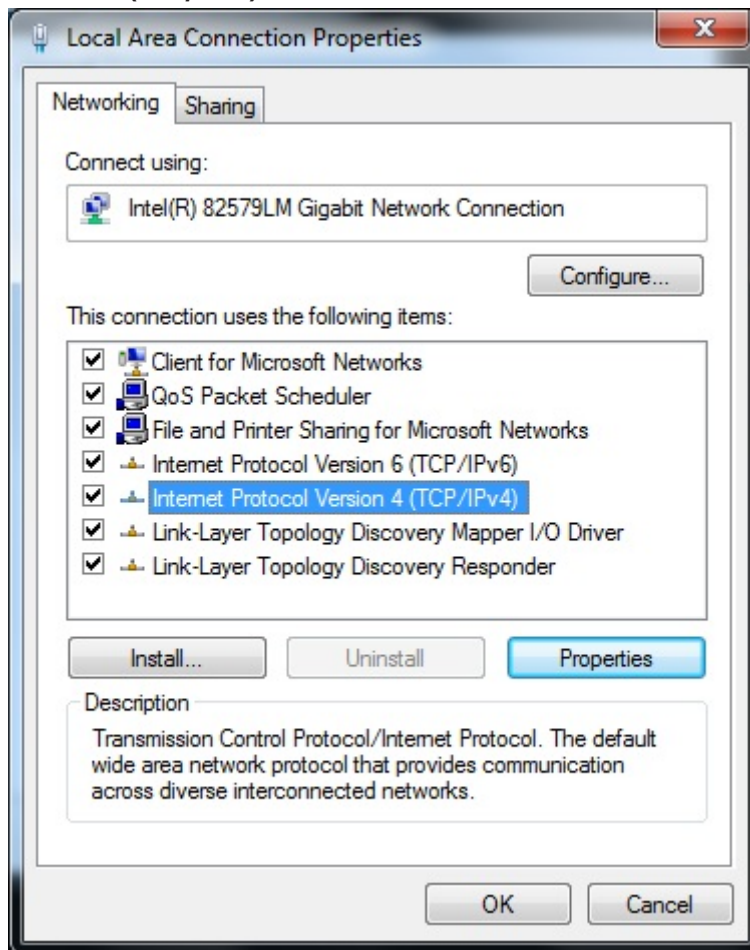




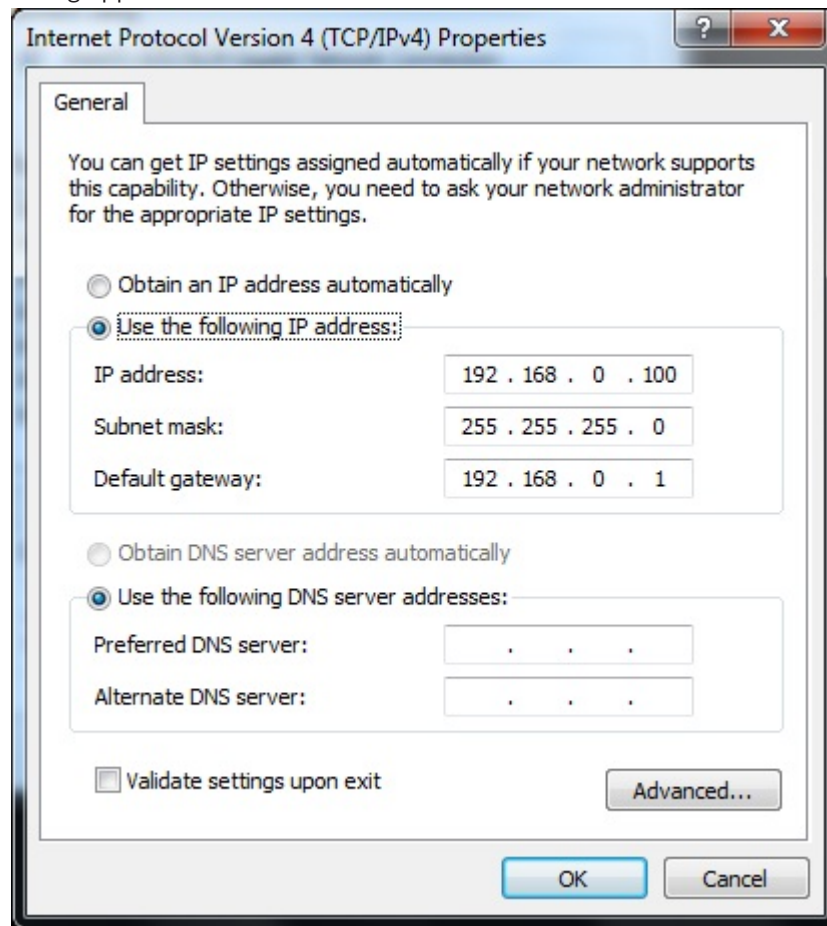
3. Click the **[Properties]** button. The **Local Area Connection Properties** dialog appears. Scroll to the **File and Printer Sharing for Microsoft Networks** item and ensure that the checkbox is checked.



4. In the same **Local Area Connection Properties** dialog, scroll to the **Internet Protocol Version 4 (TCP/IPv4)** item and select it.

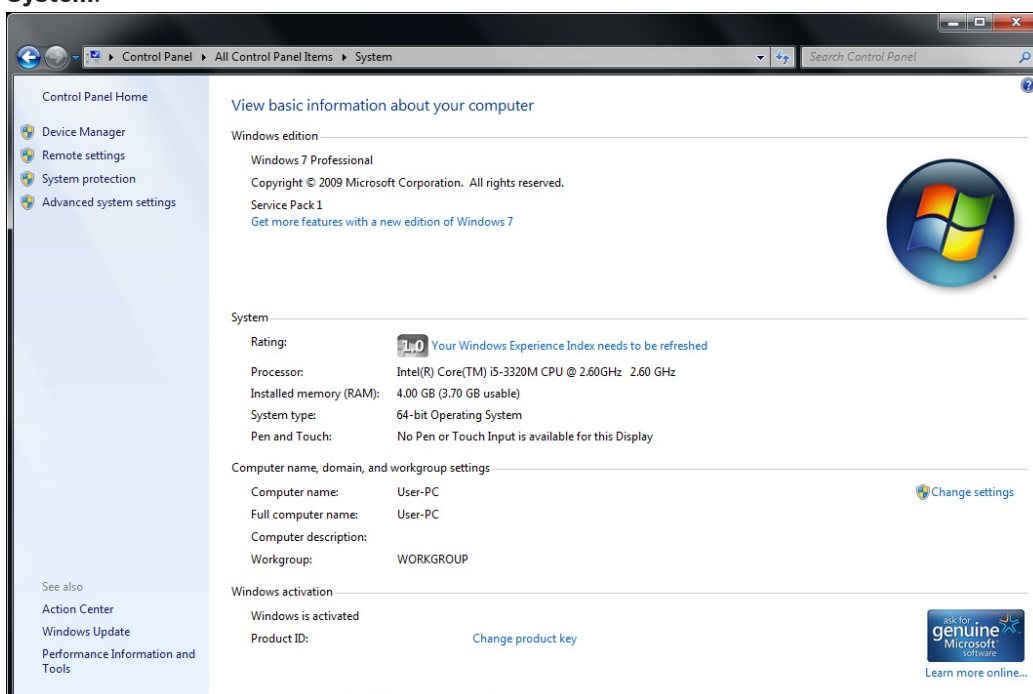


- Click the **[Properties]** button. The **Internet Protocol Version 4 (TCP/IPv4) Properties** dialog appears.

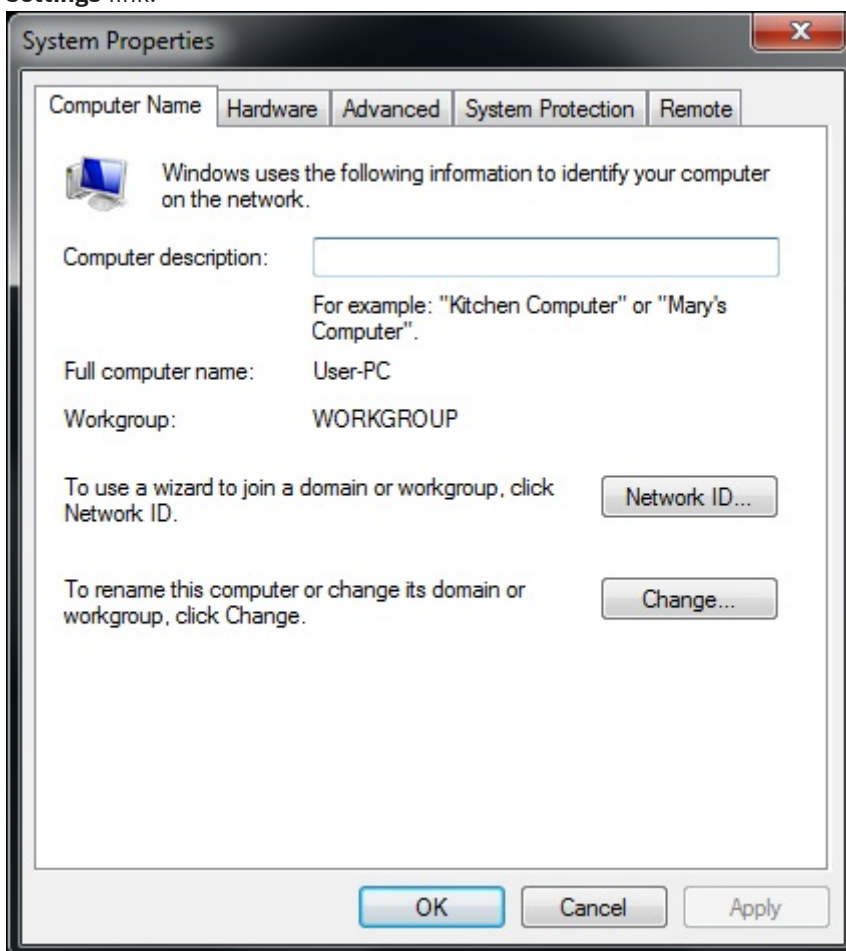


- You must program a fixed IP address for each of the master and slave computers. On the workstation computers, a fixed IP address is not required if your network supports DHCP. The **Obtain an IP address automatically** radio button can be selected for the workstation computers (not applicable for master and slave computers).
- On the master and slave computers, select **Use the following IP address** radio button.
- Program the **IP address** and **Subnet mask** uniquely for each master and slave computers. Do not guess the **IP address** and **Subnet mask** values. Ask the network administrator for the proper settings.
- Program the **Default gateway** if all computers are not on the same LAN segment. Obtain this setting from the network administrator. Many sites do not require a gateway setting.
- Click the **[OK]** button.

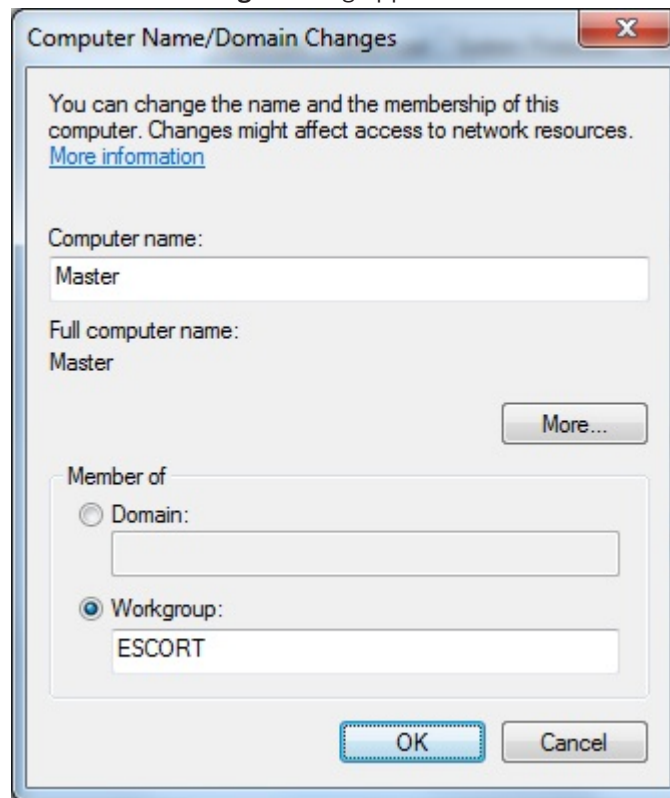
11. To set the Computer Name and Workgroup for the network, go to **Start > Control Panel > System**.



12. In the **Computer name, domain, and workgroup settings** group, click the **Change settings** link.



13. Click the **[Change]** button to change the computer name and workgroup. The **Identification Changes** dialog appears.



14. Assign a unique computer name (perhaps “MASTER” for the master computer and “SLAVE” for the slave computer) for each computer.
15. Under the **Member of** section, select the **Workgroup** radio button and assign a workgroup name, which can be any name (the same workgroup must be used for all workstations, slave, and master computers).
16. Click the **[OK]** buttons to return to the desktop.

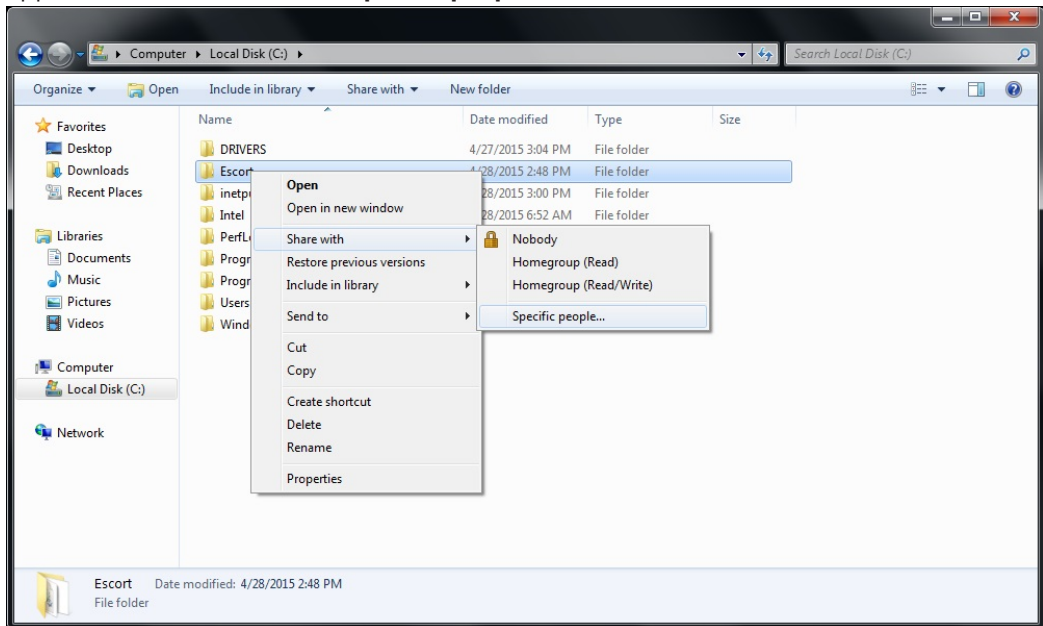
## 8.2 Install the Security Escort software on the master and slave computers

On the master and slave computers only, install the Security Escort program if not already installed (typically in the “C:\ESCORT” folder). At the end of the install process, do not run the Security Escort program.

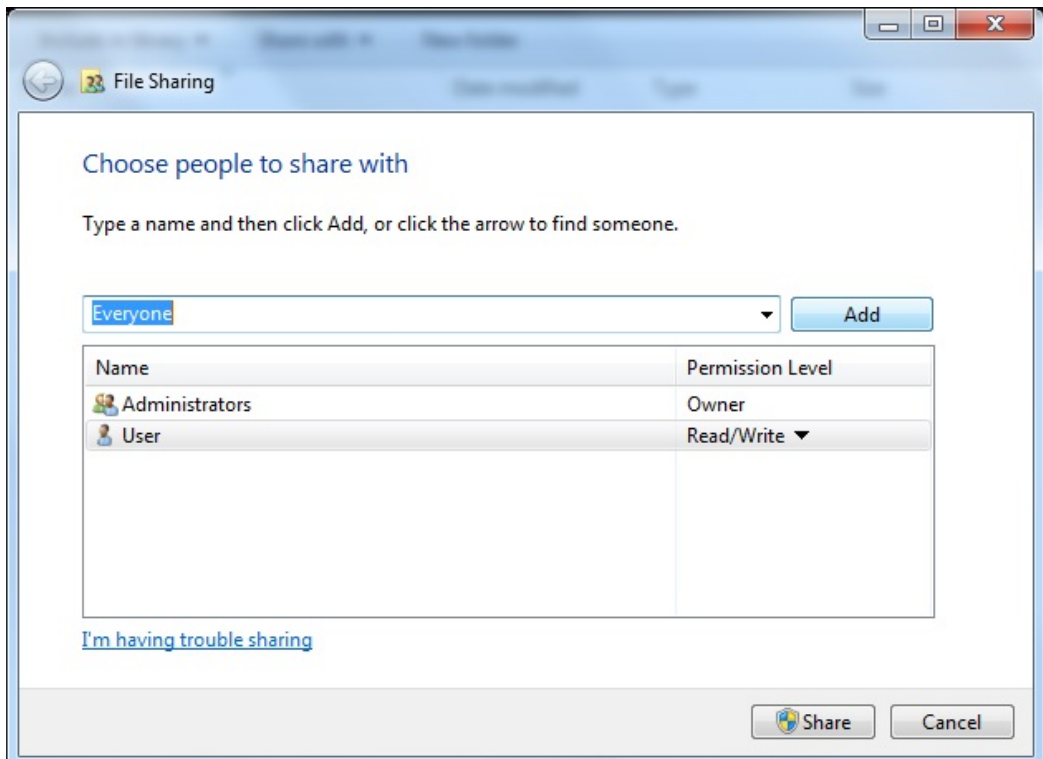
## 8.3 Configure and map Security Escort folder

### 8.3.1 Configure the Security Escort folder to be shared

1. From the master computer, double-click the **Computer** icon and select the Security Escort folder where you have just installed it (typically “C:\ESCORT”).
2. Click on the Security Escort folder icon with the right mouse button and a list of menu appears. Select **Share with > Specific people...** menu item.

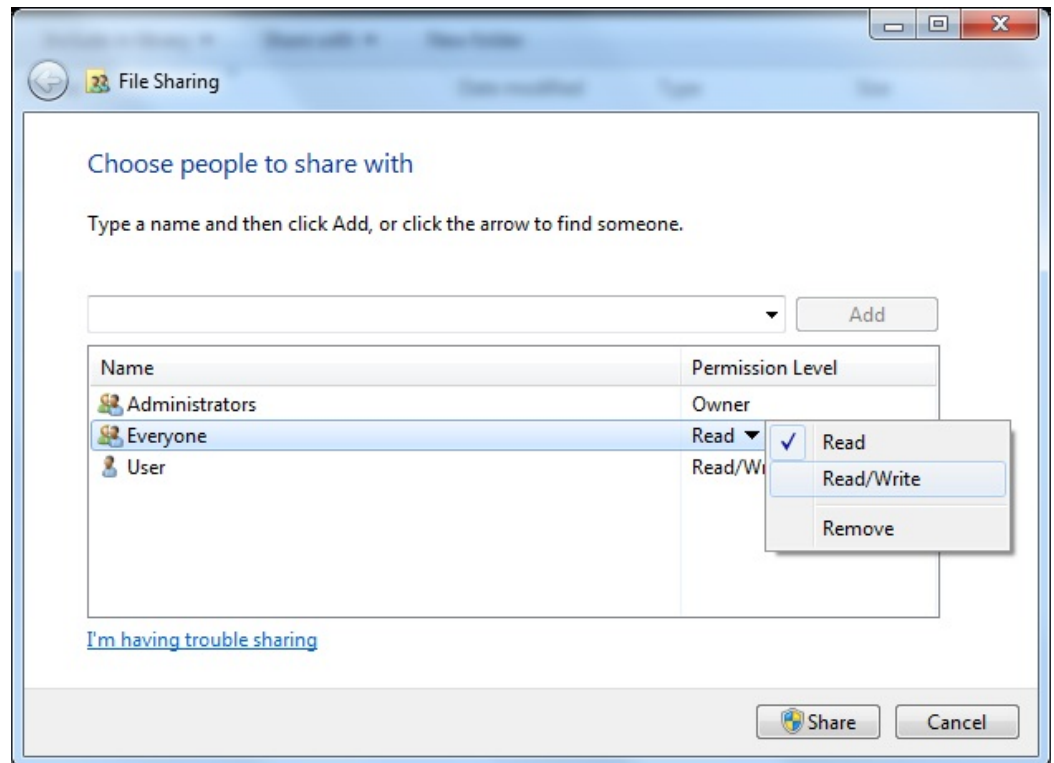


3. The **File Sharing** dialog appears. Click the drop-down list and select “Everyone”. Click the **[Add]** button to share the folder with “Everyone”. “Everyone” appears in the list with **Permission Level** set as “Read”.

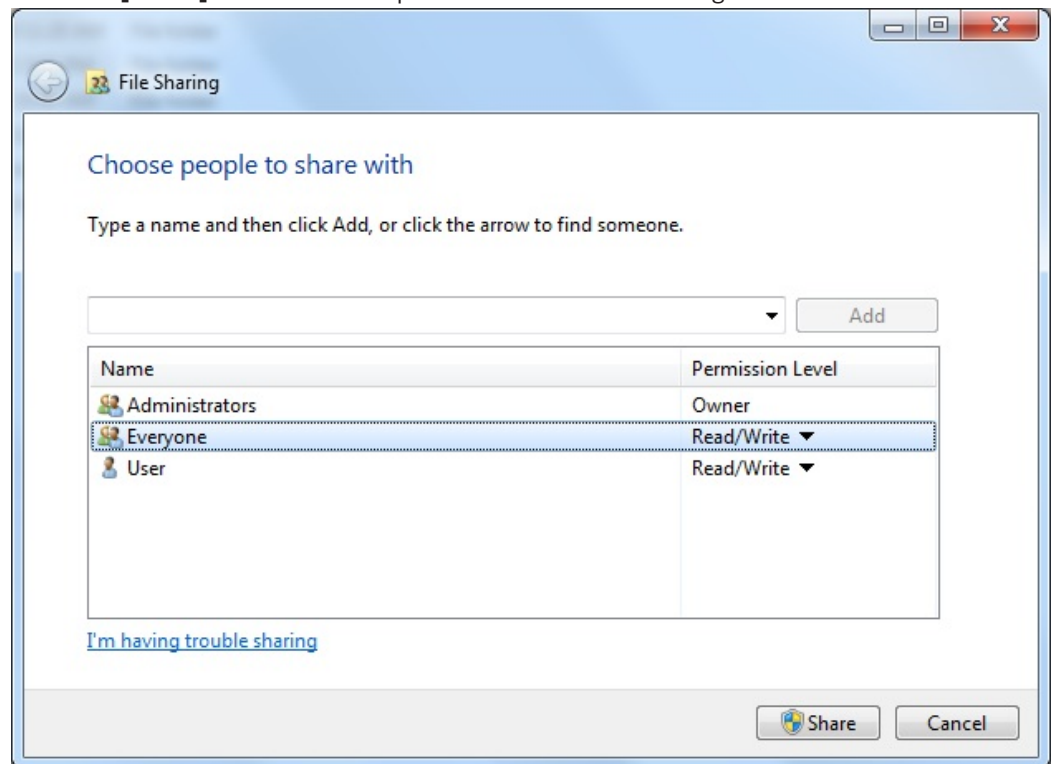




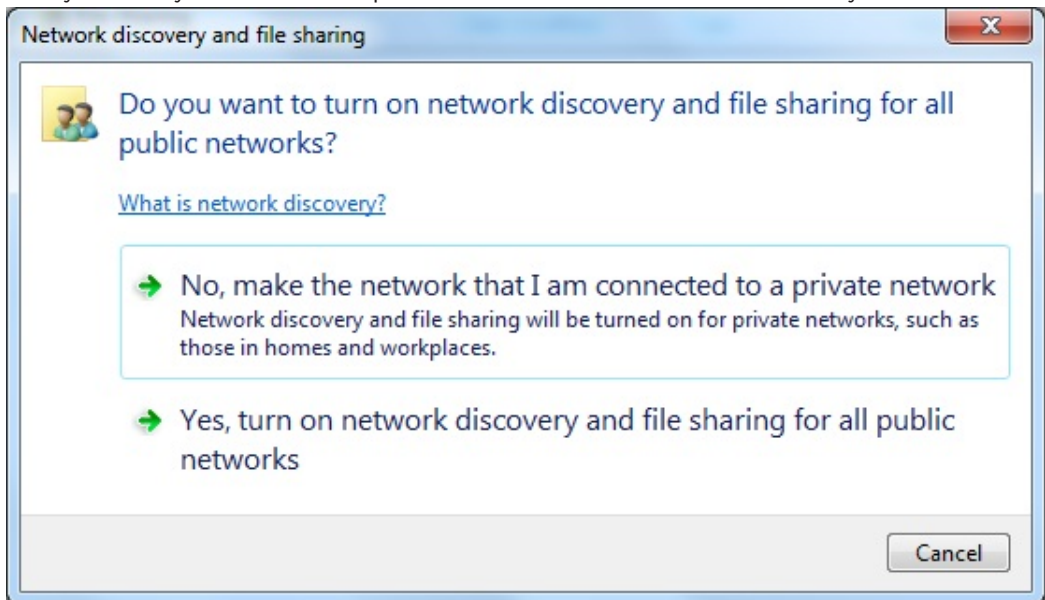
- Click the **Read** drop-down button of “Everyone” and a list of menu appears. Select “Read/Write”. Repeat this step for each group that must have access to the Security Escort master database.



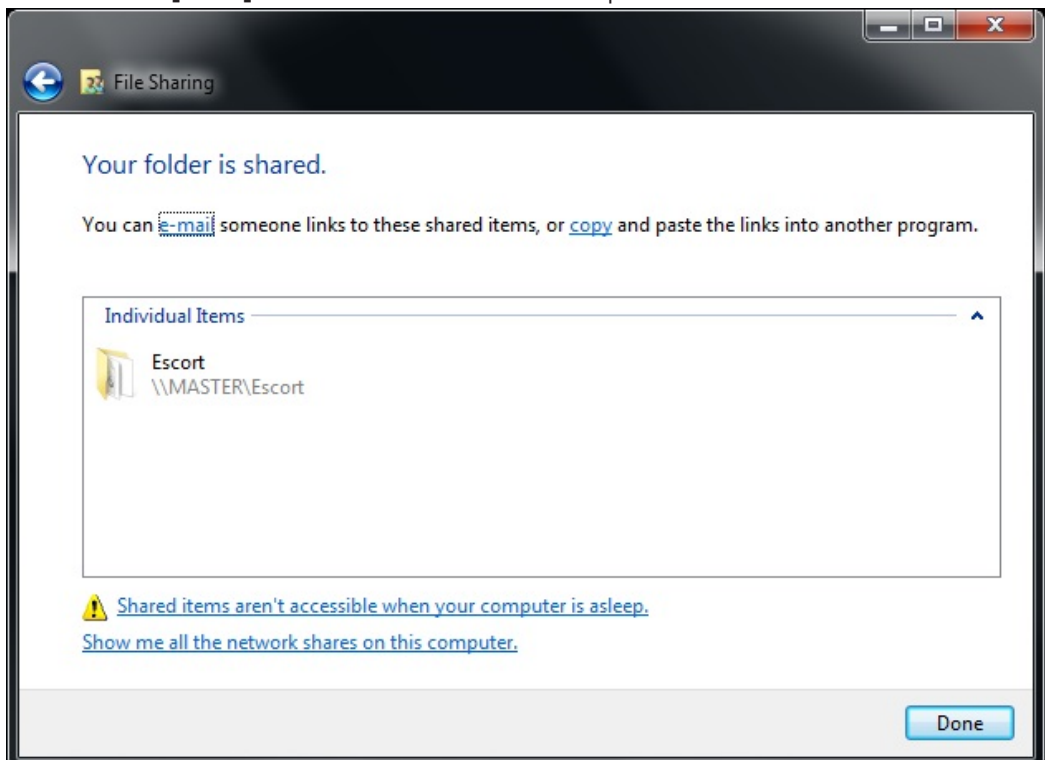
- Click the **[Share]** button once all permissions have been assigned.



6. If network discovery and file sharing have not been turned on, the following dialog may appear. Select **Yes** to turn on the network discovery and file sharing option. Otherwise, the system may encounter unexpected issues due to network connectivity.

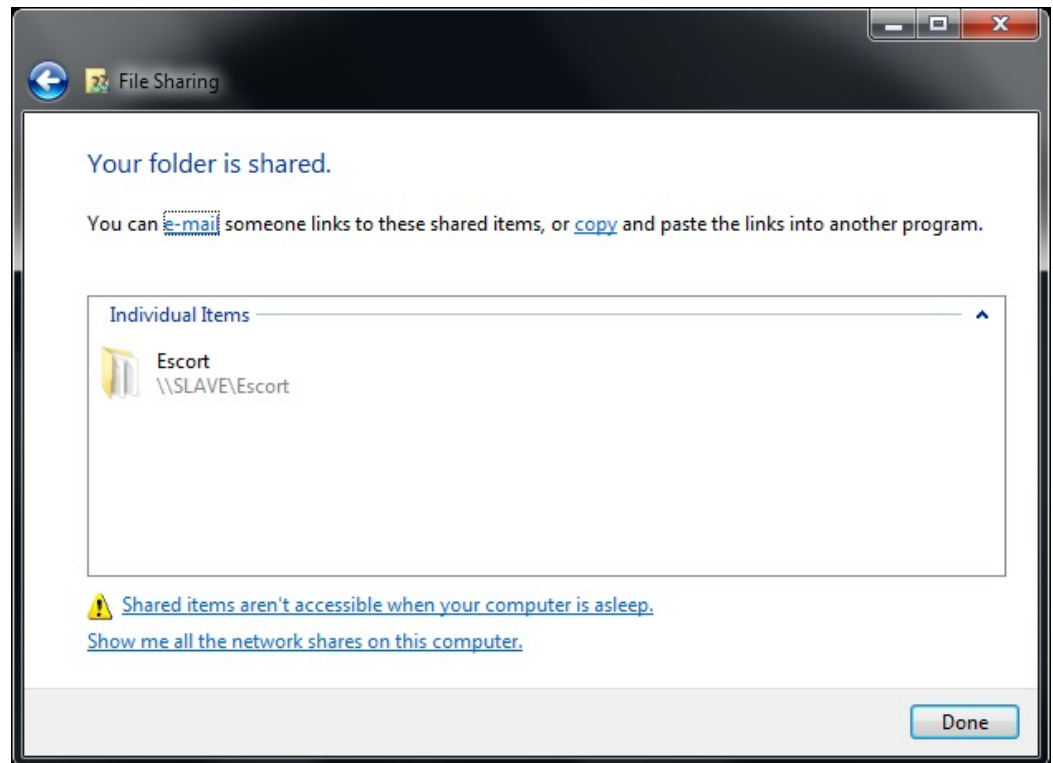


7. Once sharing is successful, a confirmation dialog appears with information of the shared link. Click the **Done** button to return to the desktop.





- Repeat the steps above to share the slave computer's Security Escort folder. Similarly, if sharing is successful, a confirmation dialog as of below appears with the information of the shared link.

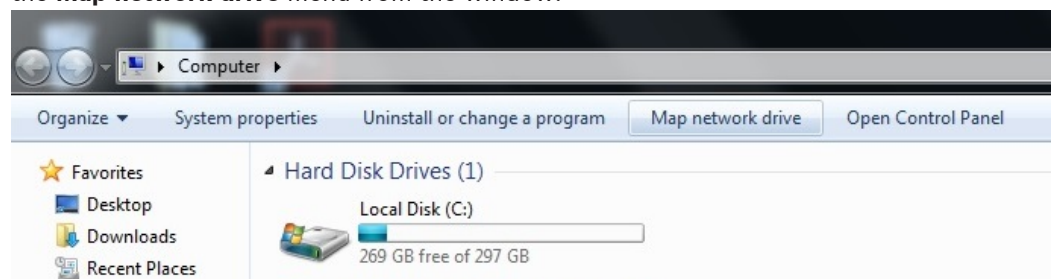
**Notice!**

Password-protected sharing is turned on by default. The person you want to share with must have a user account and password on your computer for full access to shared items. Password-protected sharing is located in the Window's **Control Panel** under **Advanced sharing settings**.

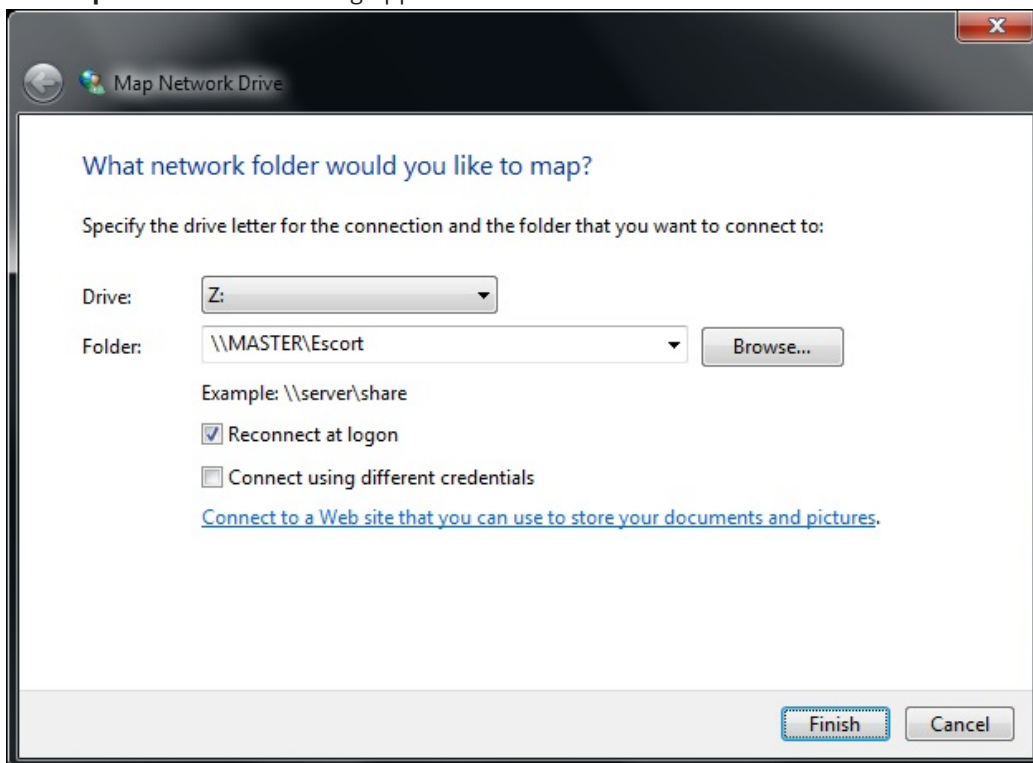
**8.3.2****Map the master's network drive from each slave and workstation****Notice!**

With version 2.04 of the software, it is possible to use UNC path names in the Security Escort software rather than mapping drive letters.

- From each of the slave and workstation computers, go to menu **Start > Computer**. Select the **Map network drive** menu from the window.



- The **Map Network Drive** dialog appears.



- The **Drive:** field should already be filled with an available drive letter. This drive letter will be needed for setting up the database access in the Security Escort program on the slave and workstation computers. This drive letter can be different for the respective slave and workstation computers.
- In the **Path:** field, type the path of the shared folder of the master computer, "\\MASTER\\ESCORT".
- Check the **Reconnect at logon** checkbox.
- Click the **[Finish]** button.
- Windows Explorer will show a drive letter as ESCORT(\\MASTER), the shared folder on the master computer.
- To verify the connection on the slave or workstation computer, double-click the drive. Look for the a\_audit.txt file, and double-click it.
- If you are able to open it successfully, there are no issues with the connection. Close the file and repeat the mapping of the drive for every slave and workstation computers. If there are errors or issues, you need to rectify them before you will be able to use the workstation computers with Security Escort.

### 8.3.3

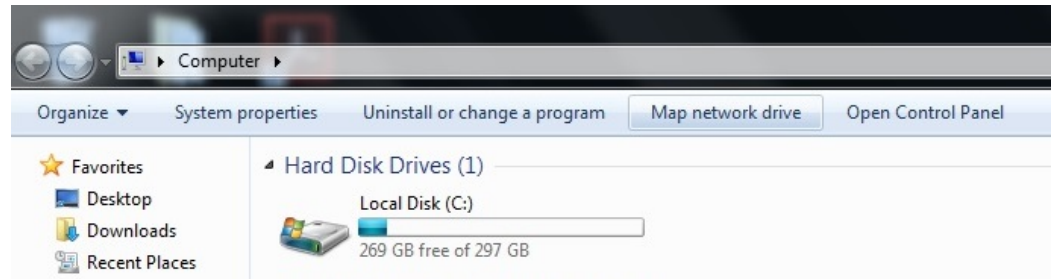
### Map the slave's network drive from each master and workstation



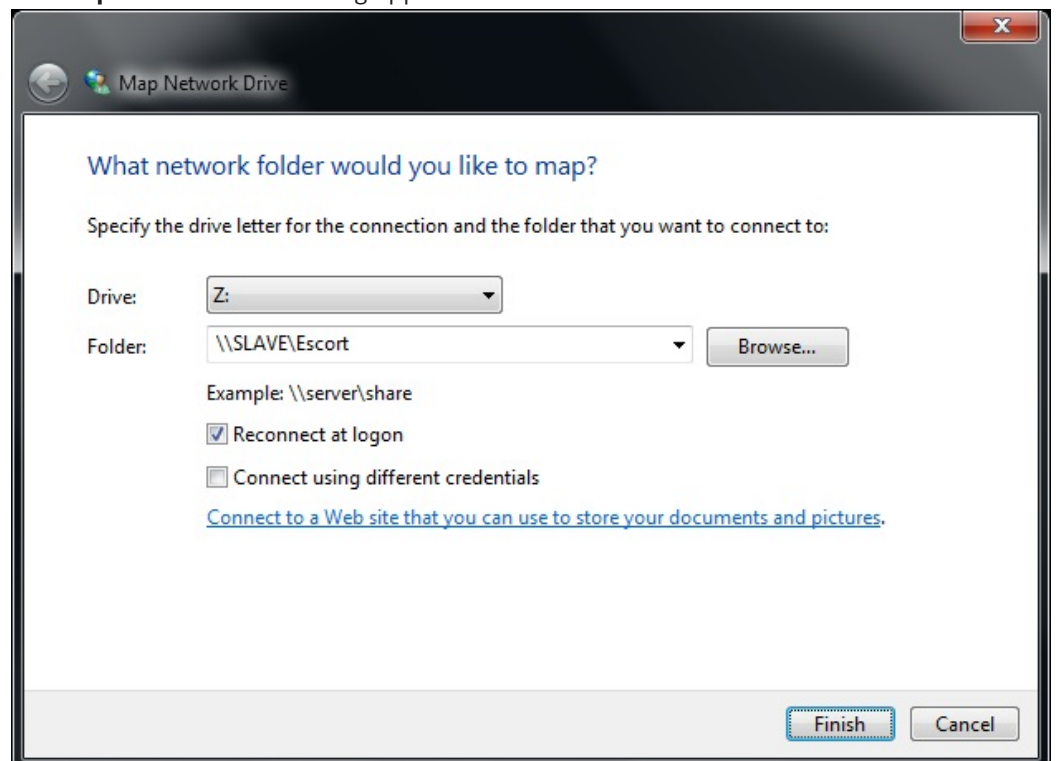
#### Notice!

With version 2.04 of the software, it is possible to use UNC path names in the Security Escort software rather than mapping drive letters.

1. If a slave computer is used in this system, from each of the master and workstation computers, go to menu **Start > Computer**. Select the **Map network drive** menu from the window.



2. The **Map Network Drive** dialog appears.



3. The **Drive:** field should already be filled with an available drive letter. This drive letter will be needed for setting up the database access in the Security Escort program on the master and workstation computers. This drive letter can be different for the respective master and workstation computers.
4. In the **Path:** field, type the path of the shared folder of the master computer, "\\SLAVE \\ESCORT".
5. Check the **Reconnect at logon** checkbox.
6. Click the **[Finish]** button.
7. Windows Explorer will show a drive letter as ESCORT(\\SLAVE), the shared folder on the slave computer.
8. To verify the connection on the master or workstation computer, double-click the drive. Look for the a\_audit.txt file, and double-click it.
9. If you are able to open it successfully, there are no issues with the connection. Close the file and repeat the mapping of the drive for every master and workstation computers. If there are errors or issues, you need to rectify them before you will be able to use the workstation computers with Security Escort.

## 8.4 Initial login

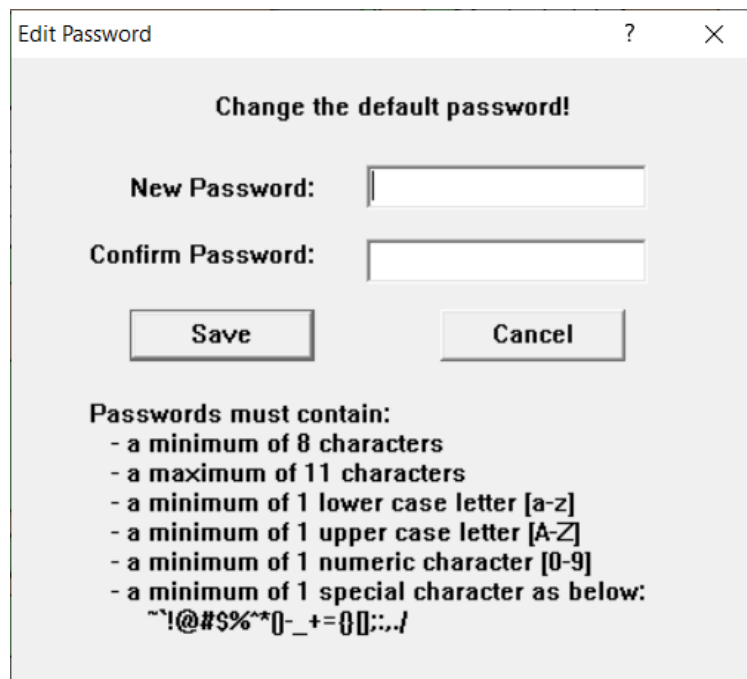
When you first start the **Security Escort** software, you will be prompted to login to the system.



**Figure 8.1:** Login dialog box

The default operator ID is 4 and password is PPP.

Enter the operator ID, password and click **OK**. A dialog box appears where you are prompted to change this default password.



**Figure 8.2:** Change password dialog box

Follow the instructions accordingly to change the password. If you do not change the default password, you will not have access to the **Security Escort** software.

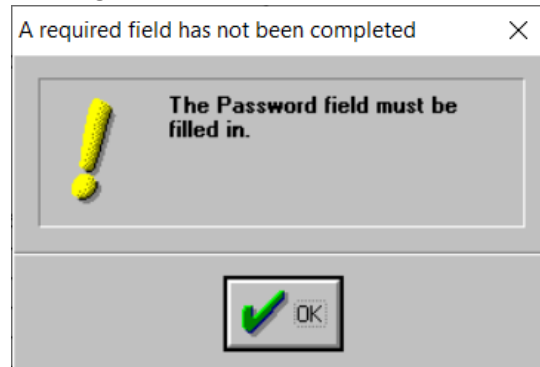
To change the default password:

1. Enter the new password in the **New Password** text field.
2. Enter the same new password in the **Confirm Password** text field.
3. Click the **Cancel** command button to abort changing the password at any time. You will return to the login dialog box.
4. Click the **Save** command button once you have entered the **New Password** and **Confirm Password** text fields.

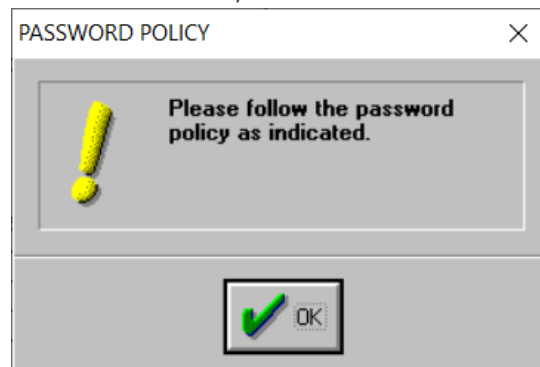
5. If the **New Password** and **Confirm Password** text fields match, the password has been changed successfully. You will return to the login dialog box where you can enter the operator ID and the new password to login.
6. If the **New Password** and **Confirm Password** fields do not match, a warning dialog box will appear. You will need to reenter the **New Password** and/or **Confirm Password** text fields.

Warning dialog boxes that you may encounter:

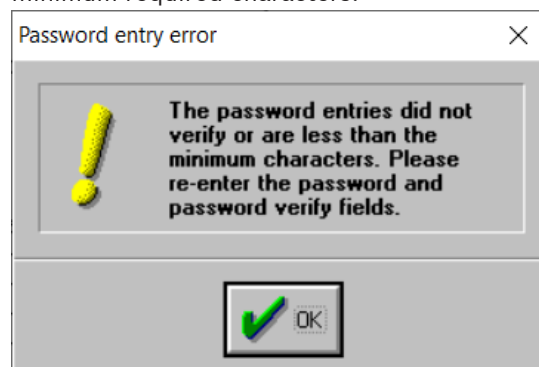
1. The following warning dialog box appears if you click the **Save** command button without entering the **New Password** text field.



2. The following warning dialog box appears if you click the **Save** command button and the **New Password** and/or **Confirm Password** text fields do not follow the password policy.



3. The following warning dialog box appears if you click the **Save** command button, and:
  - the **New Password** and **Confirm Password** text fields do not match, or
  - the **New Password** and/or **Confirm Password** text fields match but do not meet the minimum required characters.



For all these warning dialog boxes, click the **OK** command button to return to the change password dialog box.

## 8.5 Configure the Security Escort software

Firstly, assign the computers accordingly as the default master, the default slave or the workstation computers by selecting the menu **Setup > Remote Setup**.

**Edit Slave And Remote Computer Access Parameters**

**Computer Mode**

- ☒ Default Master computer
- ☐ Default Slave computer
- ☐ Workstation computer
- ☐ Remote computer

**Modem access setup**

- ☒ Emergency answer only
- ☐ Master computer answers
- ☐ Slave computer answers
- ☐ Direct connect port
- ☒ Answering machine override
- ☐ Pulse dial

Answer on ring: 4

Dialing prefix:

Password: \*\*\*\*\*

Password verify: \*\*\*\*\*

**System serial ports**

Port 1	Port 2
<input checked="" type="radio"/> Disabled.....	<input checked="" type="radio"/> Disabled.....
<input type="radio"/> History filter output	<input type="radio"/> History filter output
<input type="radio"/> Serial Output control .....	<input type="radio"/> Serial Output control .....
<input type="radio"/> Remote system control	<input type="radio"/> Remote system control
<input type="radio"/> Local Service Pages.....	<input type="radio"/> Local Service Pages.....
<input type="radio"/> Local Security Pages	<input type="radio"/> Local Security Pages
<input type="radio"/> All Local Pages .....	<input type="radio"/> All Local Pages .....
<input type="radio"/> Wheelock port	<input type="radio"/> Wheelock port

Serial Output restore:

Modem init: ATEMN1QVXS0=0S7=120

Modem reset: ATZ

Save Cancel

**Figure 8.3:** Remote Setup Dialog

Use this dialog to set up the network IP addresses, ports and related options. Database file and backup paths is also configured using this dialog window.

The following section shows how to use these dialogs to configure the software on the master, slave and workstation computers.

### 8.5.1

#### Configure the software on the master computer

1. On the master computer, go to menu **Network > System directories and network address....**

**Edit System Directories and Network Address**

☐ Databases are not shared      ☐ Disable auto reconnect  
☐ Show connection pop-ups      ☒ Auto synchronize time  
☐ Show all error pop-ups      ☐ Comm. fail reset

**Master's Network Address**  
 10.123.43.50  
**Master's Network Listen Port**  
 4561      **Learn address**

**Slave's Network Address**  
 10.123.43.59  
**Slave's Network Listen Port**  
 4561

**Remote Control Listening Port** 4562  
**Master Database path**  
 C:\ESCORT\  
**Slave Database path**      ☐ Autobackup to the slave database  
 S:\  
**Local Escort path**  
 C:\ESCORT\  
**Other Backup/Restore path**  
 C:\OTHERDRIVE\FOLDERPATH\  
**Subscriber image file path**      **Extension** JPG      **Scaling %** 100  
 C:\ESCORT\IMAGES\

**Import**      **Export**      **Save**      **Cancel**

2. Ensure that the **Databases are not shared** checkbox is not selected. The **Show connection pop-ups** and **Show all error pop-ups** checkboxes can be selected while the network is being set up and verified. Typically, they are not selected in normal operation.
3. Click the **[Learn address]** button to automatically populate the **Master's Network Address** textbox. This information should be the same IP address that was programmed in the network Control Panel TCP/IP protocol for the master computer's network card. In the **Master's Network Listen Port** textbox, key in "4561". (This can be any number from 2000 to 65535 that is not already used by another program. It is unlikely that there will be conflicts with this number.)
4. The database path should already be set to "C:\ESCORT". The image path should already be set to "C:\ESCORT\IMAGES".
5. If the Security Escort system is using shared database, enter the mapped drive letter or the UNC path of the slave's shared folder in the **Slave Database path** textbox.
6. Click the **[Save]** button, exit Security Escort, and restart the program.



**Notice!**

If Security Escort is using mapped share folders on Windows 8 or 8.1, you need to run it as an administrator.

7. Make any other changes to the Security Escort settings you want.

**8.5.2****Configure the software on the slave computer**

1. Run the Security Escort program on the slave. Select menu **Setup > Remote Setup**.

2. Verify that **Default Slave computer** is selected. If it is not, select **Default Slave computer** and click the **[Save]** button. Terminate the Security Escort program and restart it.
3. Go to menu **Network > System directories and network address....** Do not change the settings of the **Databases are not shared**, **Show connection pop-ups**, or **Show all error pop-ups** options.
4. Information of the **Master's Network Address** and **Master's Network Listen Port** should already be populated automatically when the master computer was already set up and established. If the information is incorrect, enter them manually.
5. Click the **[Learn address]** button to populate the **Slave's Network Address** or **Slave's Network Listen Port** information. If the information is incorrect, enter them manually.
6. Enter the mapped drive letter or UNC path of the master's shared folder in the **Master's Database path** textbox.
7. The **Subscriber image file path** can be left as "C:\ESCORT\IMAGES" if images of the subscribers are not used, or are stored locally. If the images are stored only on the master, change this to the mapped drive letter or UNC path of the master's shared folder.
8. Click the **[Save]** button, exit Security Escort, and restart the Security Escort program. Most likely you do not need to make any other preferences changes at the slave computer.



**Notice!**

If Security Escort is using mapped share folders on Windows 8 or 8.1, you need to run it as an administrator.

9. When Security Escort restarts on the slave computer, the caption bar on both the slave and master computer should indicate that there is a connection.
10. Try an alarm, making sure it appears on all computers and can be acted on from any computer.

**8.5.3****Configure the software on the workstation computers**

1. Install Security Escort on each workstation computer.
2. Run the Security Escort program on the workstation computer. Select menu **Setup > Remote Setup**.

**Edit Slave And Remote Computer Access Parameters**

**Computer Mode**

- ☐ Default Master computer
- ☐ Default Slave computer
- ☒ Workstation computer
- ☐ Remote computer

**Modem access setup**

- ☒ Emergency answer only
- ☐ Master computer answers
- ☐ Slave computer answers
- ☐ Direct connect port
- ☒ Answering machine override
- ☐ Pulse dial

Answer on ring: 4

Dialing prefix:

Password: \*\*\*\*\*

Password verify: \*\*\*\*\*

**System serial ports**

Port 1	Port 2
<input checked="" type="radio"/> Disabled.....	<input checked="" type="radio"/> Disabled.....
<input type="radio"/> History filter output	<input type="radio"/>
<input type="radio"/> Serial Output control .....	<input type="radio"/>
<input type="radio"/> Remote system control	<input type="radio"/>
<input type="radio"/> Local Service Pages.....	<input type="radio"/>
<input type="radio"/> Local Security Pages	<input type="radio"/>
<input type="radio"/> All Local Pages .....	<input type="radio"/>
<input type="radio"/> Wheelock port	<input type="radio"/>

Serial Output restore:

Modem init: ATEMN1QVXS0=0S7=120

Modem reset: ATZ

Save Cancel

3. Verify that **Workstation computer** is selected. If it is not, select **Workstation computer** and click the **[Save]** button.
4. Terminate the Security Escort program and restart it.
5. Go to menu **Network > System directories and network address....** Do not change the settings of **Databases are not shared**, **Show connection pop-ups**, **Show all error pop-ups**, **Master's Network Address**, **Master's Network Listen Port**, **Slave's Network Address**, or **Slave's Network Listen Port** fields.
6. Enter the mapped drive letter or UNC path of the master's shared folder in the **Master's Database path** textbox.
7. The **Subscriber image file path** can be left as "C:\ESCORT\IMAGES" if images of the subscribers are not used, or are stored locally. If the images are stored only on the master, change this to the mapped drive letter or UNC path of the master's shared folder.
8. Click the **[Save]** button, exit Security Escort, and restart the Security Escort program. Most likely you do not need to make any other preferences changes at the workstation computer.

**Notice!**

If Security Escort is using mapped share folders on Windows 8 or 8.1, you need to run it as an administrator.

---

9. When Security Escort restarts on the workstation computer, the caption bar should indicate there is a connection with both the slave and master computer if they are online.
10. Try an alarm, making sure it appears on all computers and can be acted on from any computer.

## 9 Troubleshooting

Security Escort uses two network connections between the master computer and the slave computer and workstations.

The access to all the Security Escort databases is through the Micro Kernel Database Engine (MKDE). The MKDE on each computer automatically opens a connection to the master databases. The path to the master databases is defined in the **Master Database Path** textbox of the **Network > System Directories and Network Address** dialog.

The second connection is through a TCP/IP socket that the slave computer or workstation opens to the master. The IP address and port to the master computer is defined in the **Master's Network Address** and **Master's Network Listen Port** textboxes of the **Network > System Directories and Network Address** dialog. There is also a similar address and port for the slave computer.

Stored with the master database path is the global preference file (gpreferences.edb). The Security Escort application on the master computer must be run first. Under the **Network > System Directories and Network Address** dialog, click the **[Learn Address]** button. This automatically populates the **Master's Network Address** and the **Master's Network Listen Port** textboxes. Save the changes. This places the master's network address and port in the global preferences file.

When the slave and workstation computers are first started, set the path to the master database in the **Master Database Path** textbox of the **Network > System Directories and Network Address** dialog. When the path is set, shut down the Security Escort application without making any other changes and restart it. The slave or workstation computer then reads the software key information and the master's network address and port from the global preferences file. This allows the **Operator Database** to open successfully and the network connection to open to the master computer.

### 9.1 Compatibility issues with HASP driver

If you encounter error messages about HASP drivers on Windows 10, use one of the following options to resolve the issue.

#### Option 1: Reinstall the SE software using the latest ISO image version

To reinstall the SE software:

1. Download the latest ISO image version from the Security Escort online product catalog.
2. Open the ISO image.
3. Run the installer and it will install the correct HASP driver.

#### Option 2: Install the HASP driver manually

To install the HASP driver manually:

1. Download the latest ISO image version from the Security Escort online product catalog.
2. Open the ISO image.
3. Select **Install\HASP Installer**.
4. Double-click the **HASPIInstaller.bat** file to install the driver.

For details, refer to the documentation provided by Thales Knowledge Base article KB0018319.

## 9.2 “CAN'T OPEN THE OPERATOR.EDB FILE” error

If a yellow box is displayed with the message “Can’t open the OPERATOR.EDB file,” the file might be missing or corrupt, the software key or its driver might not be installed, or the database manager might not be loaded. To correct, use the Restore or Install buttons. If the slave computer cannot open the Operator database, check the following:

- Verify the master computer can access the databases by starting Security Escort first. Also verify the Security Escort software does not indicate it is running in “Demo” mode.
- Verify the correct type (default master computer, default slave computer or workstation computer) is set in the **Remote Setup** dialog under the **Setup** menu. There can be only one master computer and one slave computer in a system. Only the master computer has a software key installed.
- Check to see if the master database path is set up correctly in the **System directories and Network Address** dialog under the **Network** menu on both the slave and workstation computers. Confirm the drive letter used is the correct letter that was set up in the Map Network drive. You might have to double click the Security Escort icon and immediately press and hold down the <Ctrl>, <Shift>, and <Tab> keys on the keyboard. Do not release the keys until the **System directories and Network Address** dialog displays. Make any changes required and click the **[Save]** button. Repeat through all of the setup screens.
- Determine if the slave computer can access the shared drive on the master computer. We verified this access in the Map the master’s network drive from each slave and workstation for the slave computer when we read the readme.txt file. Re-verify this connection and that you can read and write files (edit the readme.txt file remotely to test the ability to write).
- Determine if the slave computer can access the global preferences file (gpreferences.edb) that is stored in the same directory as the OPERATOR.EDB file on the master computer.
- Determine if the master computer saved the global preferences correctly. Verify the preference settings on the master computer. Even if they appear correct, change something in the **System directories and network address** dialog on the master computer and click the **[Save]** button. This forces the global preferences to be rewritten. Now change the setting back to where it should be and click the **[Save]** button again.
- Verify the TCP/IP settings in the network control panel are correct.

## 9.3 Network connection fails

If the databases can be accessed and the Security Escort program starts up but indicates that a network connection failed:

- Check that the master and slave (if used) computers have a static IP address. The workstations can have dynamic IP addresses.
- Check to see if the **Master's Network Address** and **Master's Network Listen Port** fields are saved correctly in the **System directories and Network Address** dialog under the **Network** menu on the slave and workstation computers. Verify these preference settings on the master computer. Even if they appear correct, change something in the **System directories and network address** dialog on the master computer and click the **[Save]** button. This forces the global preferences to be rewritten. Now change the setting back to where it should be and click the **[Save]** button again.
- Stop and start the Security Escort program on the master computer. Then stop and start the Security Escort program on the slave computer.
- Confirm the **Slave's Network Address** and **Slave's Network Listen Port** fields are saved correctly in the **System directories and network address** dialog under the **Network** menu on the workstation computers.
- Try changing the **Master's Network Listen Port** number and click the **[Save]** button. If you do change the port number, exit the Security Escort program on the master computer and then restart it. Then restart the slave computers. Try port numbers in this order 4561, 5001, 6001, 7001, 8001, and so on.
- If the master and slave computers are on different LAN or WAN segments, verify the gateway setting in the TCP/IP section of the network control panel is correct.
- Verify the TCP/IP settings in the network control panel are correct. Database edits can be made from any computer and all computers instantly see the changes. If another computer has a database record open in the editor and another computer attempts to edit that record, the record is locked, a message pops-up, and you cannot edit the record from the second computer. Another computer cannot edit that record even after the first computer saved the record, until the first computer edits another record.

## 9.4

### **“THE MASTER COMPUTER MUST BE ON-LINE TO RETURN THE SYSTEM TO OPERATIONAL STATUS” message**

This may be normal.

The system is designed to allow the slave and workstation computers to operate for about a week if the master computer fails. To accomplish this, the master computer writes specific data to the global preferences file each evening that is based on the software key and the time and date. The slave and workstation computers then read this data to determine if they are allowed to run a system. Until the master computer has run continuously over night with a valid software key attached, these specific values are not in the global preferences file.

Therefore the “THE MASTER COMPUTER MUST BE ON-LINE TO RETURN THE SYSTEM TO OPERATIONAL STATUS” message is displayed. Once the master computer has run overnight, this message disappears. If the master computer fails, has its software key removed, or is taken off-line, the “The slave computer has xxx hours of operation left before an operational master must be online” message appears. This happens when there is approximately four days of operation left.

## 10

## Maintenance

### 10.1

### Workstation and slave system synchronization

On successful connection with the workstation or slave, the master system sends a request to sync to the workstation or slave. On receiving the request, the workstation or slave deletes all its existing alarms and sends an acknowledgement to the master. On receiving the acknowledgement the master sends all the available alarms to the workstation or slave one by one.

After this sync at any point of time the slave, workstation and master will be having the same number of alarms.

### 10.2

### Reloading database to the workstation or slave

When a workstation or slave system is not able to load the database from the master, a retry dialog box consisting of **[Silence]**, **[Retry]** and **[Terminate]** options appears. On displaying this dialog, an alarm sound will be generated. Clicking the **[Silence]** button will silence the sound, clicking the **[Retry]** button will give another try to access the database and clicking the **[Terminate]** button will quit from the application. At any point of time if the connection to the master database is successful, then the retry dialog box will close automatically.

## 11

**Appendix: Files required for Security Escort**

The following files must be in the same directory as ESC32.EXE (default “C:\ESCORT”).

Files	Description
Esc32.exe	the main program
Bwcc32.dll	support for the dialog appearance
Cdrvdl32.dll	communications support
Cdrvfh32.dll	communications support
Cdrvxf32.dll	communications support
Comm32.dll	communications support
W32mkde.exe	the database manager
W32mkrc.dll	support for the database manager
Wbtrcall.dll	support for the database manager
Wbtrv32.dll	support for the database manager
Lfbmp70n.dll	support for the screen images
Lfcmp70n.dll	support for the screen images
Ltkrn70n.dll	support for the screen images
Ltfil70n.dll	support for the screen images

The following files are preferences for this workstation and stored in the same directory as ESC32.EXE.

Files	Description
Wprefers.edb	the workstation preferences settings
Prefersc.edb	Old system preferences settings. This file is converted to gprefers.edb and wprefers.edb, and then is automatically deleted.



The map of the facility is a standard Windows bitmap (BMP) file. It must be stored in the same directory as ESC32.EXE.

Files	Description
MAP0.EDB	Main map bitmap file.
MAP1.EDB	Extra map bitmap file if used.
MAP2.EDB	Extra map bitmap file if used.

The following files are the system databases that are stored at the Master Database path (duplicate copy in the Slave Database Path).

Files	Description
Operator.edb	System Operators Database
Reports.edb	Alarm Reports database
Subscrib.edb	Database of the Subscribers/ Transmitters
Transpon.edb	Database of the System Configuration
Gprefers.edb	Global system preferences settings

The following sound files should be in the Windows\media directory:

Files	Description
SEtroubl.wav	trouble sound
SEalarm.wav	alarm sound

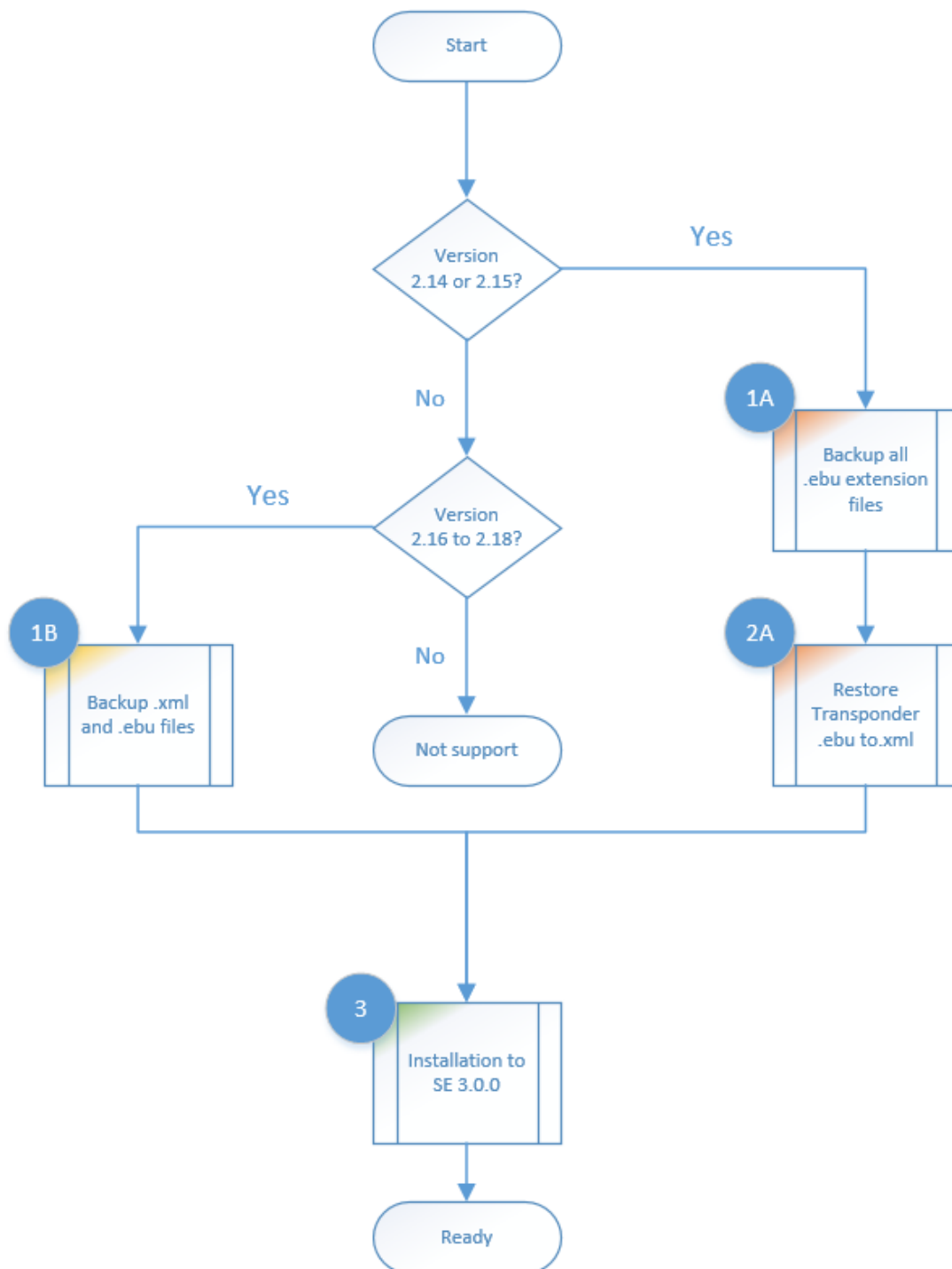
These are sample images for demo and test. The following files should be in the IMAGES directory, which is a sub-directory to the ESC32.EXE directory (default "C:\ESCORT\IMAGES")

Files	Description
Image1.jpg	sample subscriber image
Image2.jpg	sample subscriber image
Image3.jpg	sample subscriber image

## 12

## Appendix: Upgrading process from previous versions of Security Escort

The following appendices provide detailed steps of migration the existing database of previous Security Escort versions to the current Security Escort version 3.0.0.



**Figure 12.1:** Overview of Upgrade Process

## 12.1 Upgrading process from SE2.14 and SE2.15 to SE3.0.0

Follow the steps below to migrate the database from Security Escort 2.14/2.15 to Security Escort 3.0.0. Due to database compatibility limitations, the migration process would require an additional intermediate step of using Security Escort 2.18.1.0.

Note: There is no difference between the features relating to the database migration for Security Escort 2.14 and 2.15.

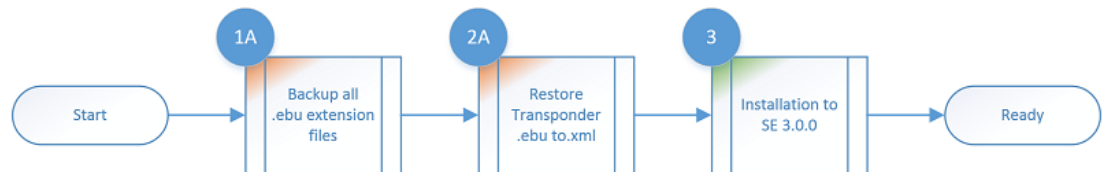
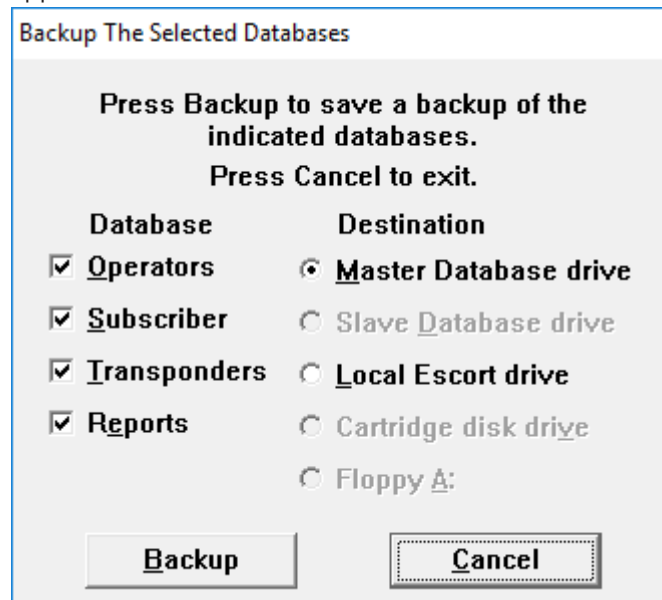


Figure 12.2: Upgrading process from SE2.14 and SE2.15 to SE3.0.0

### 12.1.1 Part 1A: Backup database from SE2.14 and SE2.15

1. Go to **Utilities** menu.
2. Select the **Backup** menu item. The **Backup The Selected Databases** dialog window appears.



3. From the dialog window, select the **Database** to backup and the **Destination** drives to save the databases.
4. Click the **[Backup]** button to start the backup process. Once completed, the **Backup The Selected Databases** dialog window closes automatically.
5. Ensure that the backups were successfully saved in the **Destination** drive. You should see the files of the respective database backups: **OPERATOR.EBU**, **REPORTS.EBU**, **SUBSCRIB.EBU** and **TRANSPON.EBU**.
6. Create a folder on the computer desktop with the name **Escort Backup**.
7. Copy all the backup files **OPERATOR.EBU**, **REPORTS.EBU**, **SUBSCRIB.EBU** and **TRANSPON.EBU** from the **Destination** drive to the **Escort Backup** folder.
8. Copy all **Map.EDB** files from the **Escort** folder to the **Escort Backup** folder.
9. Copy the **O.EDB**, **PHONEBOK.EDB**, **GPREFERS.EDB** and **WPREFERS.EDB** files from the **Escort** folder to the **Escort Backup** folder.

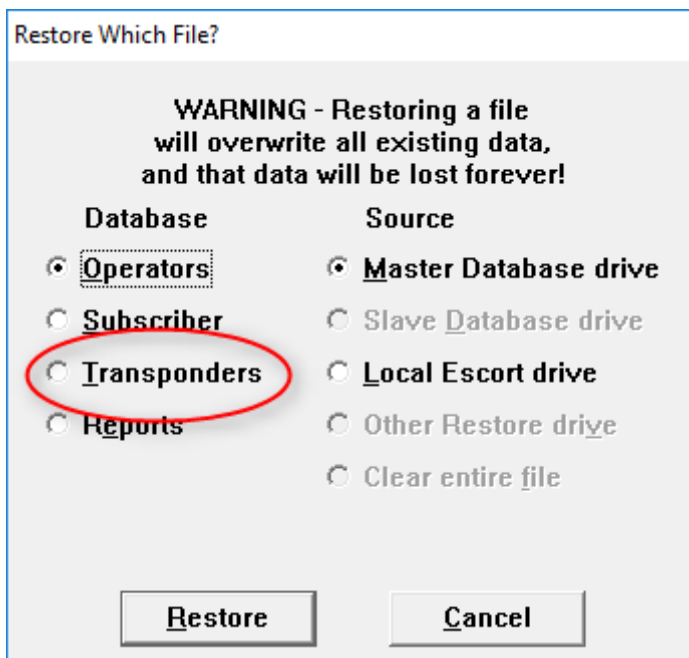
**Notice!**

Ensure that the **Escort Backup** folder contains the following **OPERATOR.EBU**, **REPORTS.EBU**, **SUBSCRIB.EBU**, **TRANSPON.EBU**, **O.EDB**, **PHONEBOK.EDB**, **GPREFERS.EDB**, **WPREFERS.EDB** and all **Map.EDB** files before proceeding with the next steps.

10. Uninstall the Security Escort program from the **Control Panel**.
11. Restart the computer.
12. Delete the **Escort** folder from C drive.
13. Proceed to the following stage of upgrading.

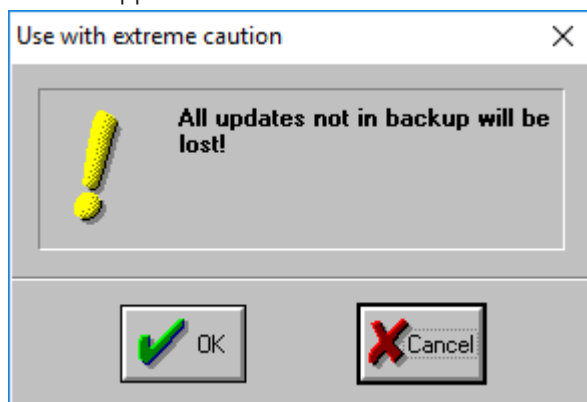
**12.1.2****Part 2A: Restore database to SE2.18.1.0 and export to XML****Restore database to SE2.18.1.0**

1. Install the SE2.18.1.0 software.
2. Copy the **Transponder Database** backup file **TRANSPON.EBU** from the **Escort Backup** folder to the **Escort** folder on C drive.
3. Go to **Utilities** menu.
4. Select the **Restore** menu item. The **Restore Which File?** dialog window appears.

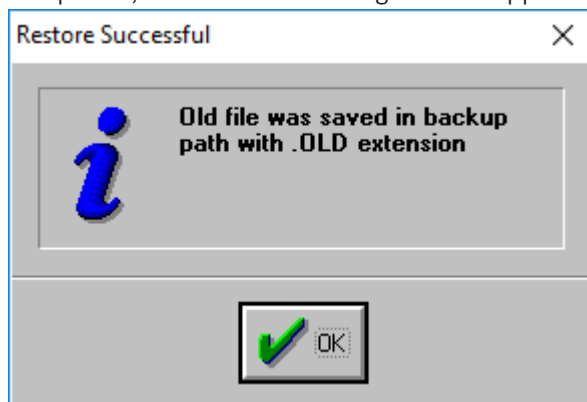


5. From the dialog window, select the **Transponders** option as the **Database** to restore and the **Source** drive of the file (**Escort** folder on C drive).

- Click the **[Restore]** button to start the restore process. A warning confirmation dialog window appears.



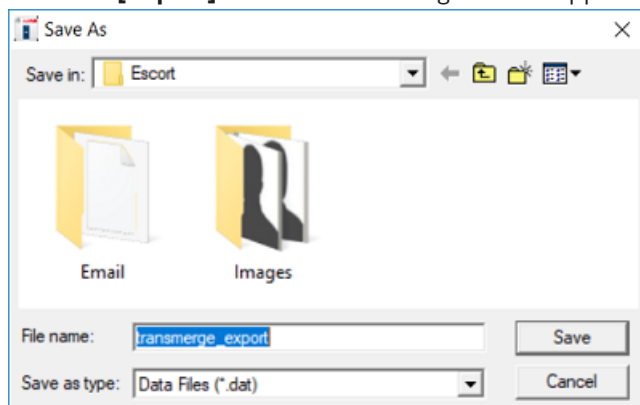
- Click the **[OK]** button to proceed with the restore process. Once the restore has completed, a confirmation dialog window appears.



- Click the **[OK]** button to close the dialog windows.
- Proceed to the following stage of upgrading.

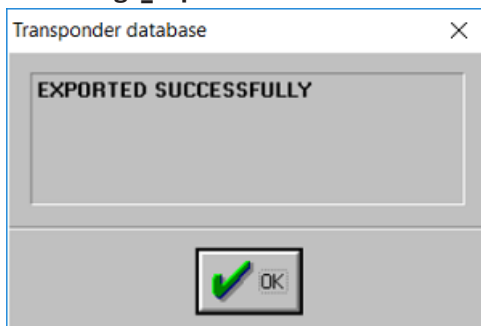
#### Export Transponder Database from SE2.18.1.0

- Go to **File** menu.
- Select the **Transponder Database** menu item. The **Find Transponder's Database Record** dialog window appears.
- Click the **[Export]** button. A file dialog window appears.



- Navigate to the **Escort Backup** folder on the computer desktop to save the file.
- Select the **Save as type** as "xml Files (\*.xml)".

6. Click the **[Save]** button. Once the export has completed successfully, the **transmerge\_export.xml** file is saved and a confirmation dialog window appears.



7. Click the **[OK]** button to close the dialog window.
8. Click the **[Cancel]** button to close the **Find Transponder's Database Record** dialog window.
9. Exit the Security Escort program.



#### Notice!

Ensure that the **Escort Backup** folder contains the following files **OPERATOR.EBU**, **REPORTS.EBU**, **SUBSCRIB.EBU**, **TRANSPON.EBU** and **transmerge\_export.xml** before proceeding with the next steps.

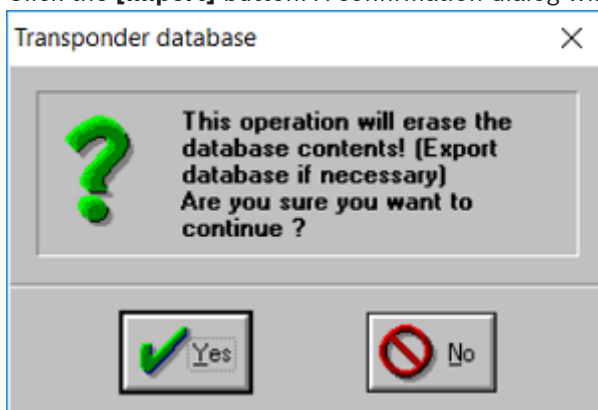
10. Uninstall the Security Escort program from the **Control Panel**.
11. Restart the computer.
12. Delete the **Escort** folder from C drive.
13. Proceed to the following stage of upgrading.

### 12.1.3

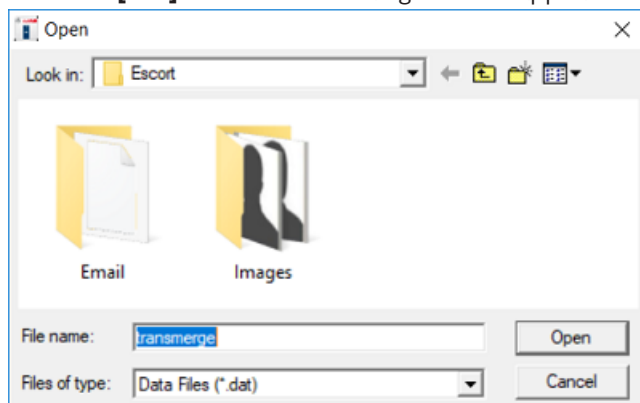
## Part 3: Import Transponder Database (XML) and restore the other databases to SE3.0.0

### Import Transponder Database (XML) to SE3.0.0

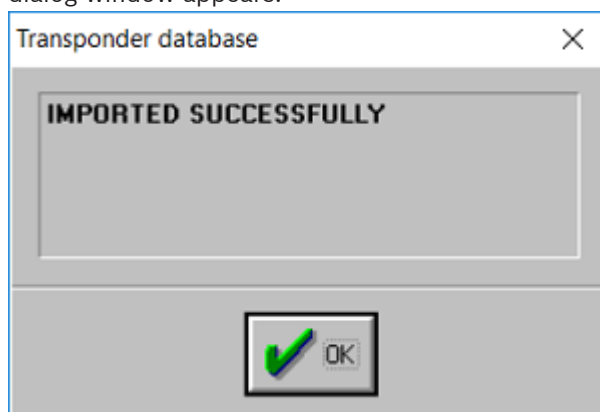
1. Install the SE3.0.0 software.
2. Go to **File** menu.
3. Select the **Transponder Database** menu item. The **Find Transponder's Database Record** dialog window appears.
4. Click the **[Import]** button. A confirmation dialog window appears.



5. Click the **[Yes]** button. A file dialog window appears.



6. Navigate to the **Escort Backup** folder on the computer desktop where the file can be found.
7. Select the **Files of type** as "xml Files (\*.xml)".
8. Select the **File name** as "transmerge\_export.xml".
9. Click the **[Open]** button. Once the import has completed successfully, a confirmation dialog window appears.

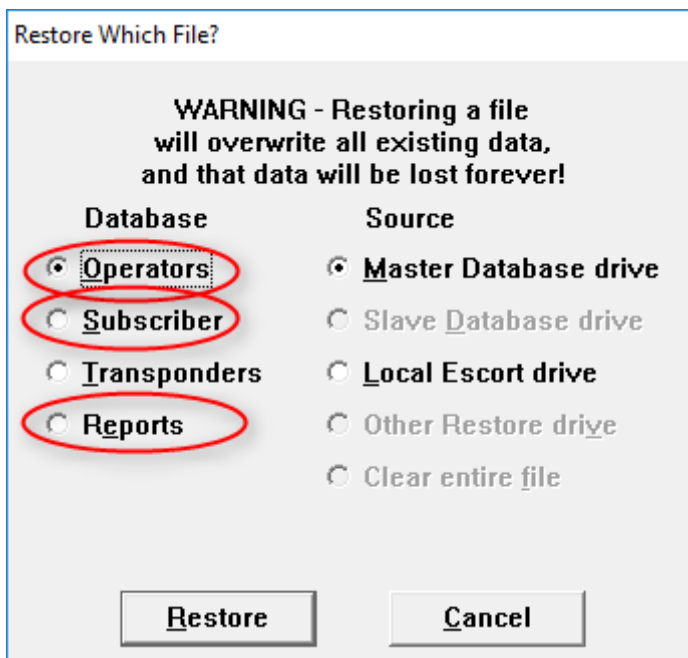


10. Click the **[OK]** button to close the dialog window.
11. Click the **[Cancel]** button to close the **Find Transponder's Database Record** dialog window.
12. The database import has completed. Check the **Transponder Database** to ensure that the import is successful.
13. Proceed to the following stage of upgrading.

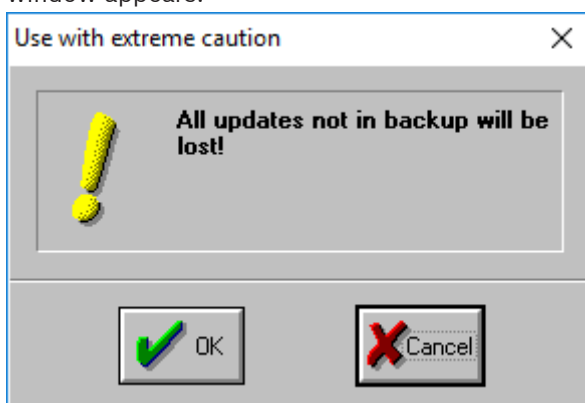
#### **Restore the Operator, Reports and Subscriber Database, and other files to SE3.0.0**

1. Copy the backup files **OPERATOR.EBU**, **REPORTS.EBU** and **SUBSCRIB.EBU** from the **Escort Backup** folder on the computer desktop to the **Escort** folder on C drive.
2. Go to **Utilities** menu.

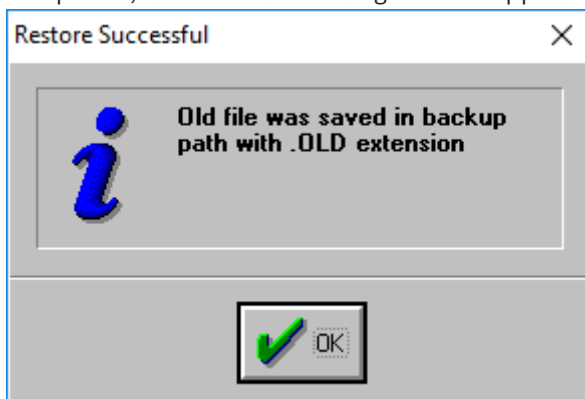
3. Select the **Restore** menu item. The **Restore Which File?** dialog window appears.



4. From the dialog window, select the **Operators** option as the **Database** to restore and the **Source** drive of the file (**Escort** folder on C drive).
5. Click the **[Restore]** button to start the restore process. A warning confirmation dialog window appears.



6. Click the **[OK]** button to proceed with the restore process. Once the restore has completed, a confirmation dialog window appears.



7. Click the **[OK]** button to close the dialog windows.
8. Repeat steps 2 to 7 for the **Subscriber** and **Reports** options of the **Database** to restore.



9. Copy all **Map.EDB** files from the **Escort Backup** folder to the **Escort** folder.
10. Copy the **O.EDB**, **PHONEBOK.EDB**, **GPREFERS.EDB** and **WPREFERS.EDB** files from the **Escort Backup** folder to the **Escort** folder.
11. Restart the Security Escort program. The entire upgrading process has completed.

## 12.2 Upgrading process from SE2.16, SE2.17 and SE2.18 to SE3.0.0

Follow the steps below to upgrade the database from Security Escort 2.16, 2.17 and 2.18 to Security Escort 3.0.0.

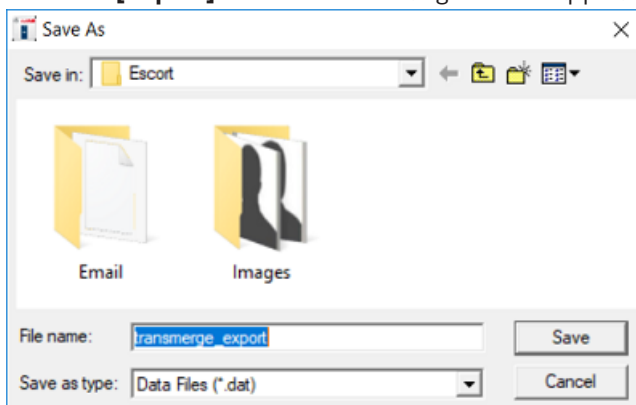


**Figure 12.3:** Upgrade Process from SE2.16, SE2.17 and SE2.18 to SE3.0.0

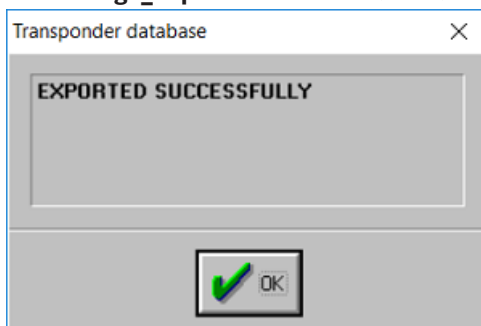
### 12.2.1 Part 1B: Export Transponder Database (XML) and backup other databases from SE2.16, 2.17 and 2.18

#### Export Transponder Database (XML) from SE2.16, 2.17 and 2.18.1.0

1. Create a folder on the computer desktop with the name **Escort Backup**.
2. Go to **File** menu.
3. Select the **Transponder Database** menu item. The **Find Transponder's Database Record** dialog window appears.
4. Click the **[Export]** button. A file dialog window appears.



5. Navigate to the **Escort Backup** folder on the computer desktop to save the file.
6. Select the **Save as type** as "xml Files (\*.xml)".
7. Click the **[Save]** button. Once the export has completed successfully, the **transmerge\_export.xml** file is saved and a confirmation dialog window appears.

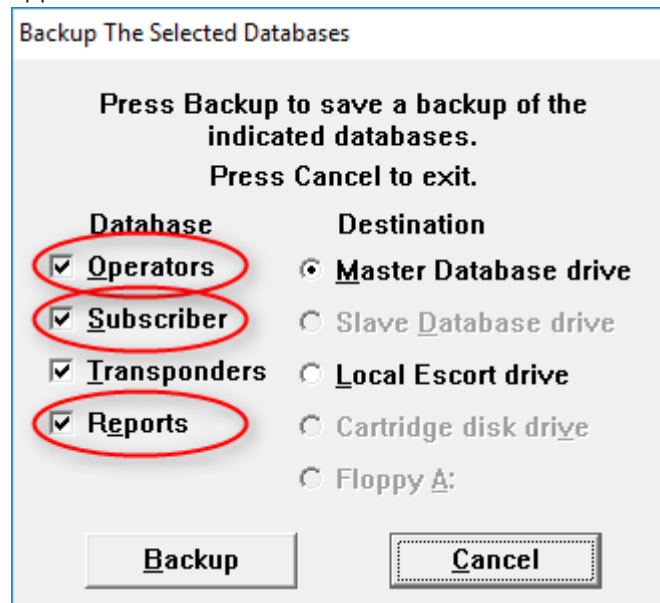


8. Click the **[OK]** button to close the dialog window.
9. Click the **[Cancel]** button to close the **Find Transponder's Database Record** dialog window.

**Notice!**

Ensure that the **Escort Backup** folder contains the **transmerge\_export.xml** file before proceeding with the next steps.

10. Proceed to the following stage of upgrading.
11. Go to **Utilities** menu.
12. Select the **Backup** menu item. The **Backup The Selected Databases** dialog window appears.



13. From the dialog window, select the **Operators**, **Subscriber** and **Reports** options as the **Database** to backup, and the **Destination** drive (**Escort** folder on C drive) to save the databases.
14. Click the **[Backup]** button to start the backup process. Once completed, the **Backup The Selected Databases** dialog window closes automatically.
15. Copy the backup files **OPERATOR.EBU**, **REPORTS.EBU** and **SUBSCRIB.EBU** from the **Destination** drive to the **Escort Backup** folder.
16. Copy all **Map.EDB** files from the **Escort** folder to the **Escort Backup** folder.
17. Copy the **O.EDB**, **PHONEBOK.EDB**, **GPREFERS.EDB** and **WPREFERS.EDB** files from the **Escort** folder to the **Escort Backup** folder.

**Notice!**

Ensure that the **Escort Backup** folder contains the following **OPERATOR.EBU**, **REPORTS.EBU**, **SUBSCRIB.EBU**, **TRANSPON.EBU**, **O.EDB**, **PHONEBOK.EDB**, **GPREFERS.EDB**, **WPREFERS.EDB**, **transmerge\_export.xml** and all **Map.EDB** files before proceeding with the next steps.

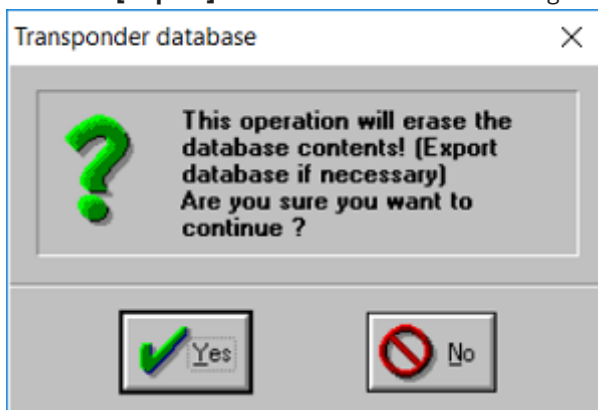
18. Exit the Security Escort program.
19. Uninstall the Security Escort program from the **Control Panel**.
20. Restart the computer.
21. Delete the **Escort** folder from C drive.
22. Proceed to the following stage of upgrading.

## 12.2.2

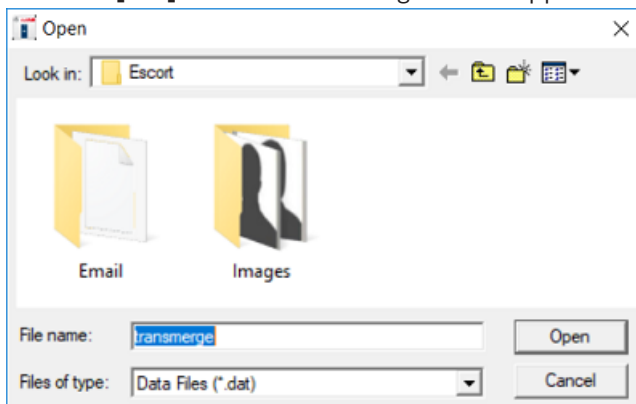
### Part 3: Import Transponder Database (XML) and restore the other databases to SE3.0.0

#### Import Transponder Database (XML) to SE3.0.0

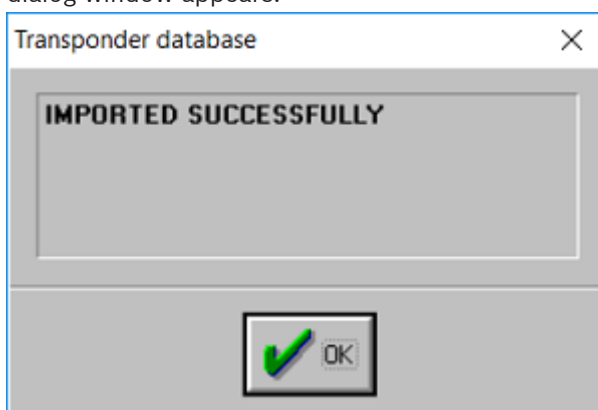
1. Install the SE3.0.0 software.
2. Go to **File** menu.
3. Select the **Transponder Database** menu item. The **Find Transponder's Database Record** dialog window appears.
4. Click the **[Import]** button. A confirmation dialog window appears.



5. Click the **[Yes]** button. A file dialog window appears.



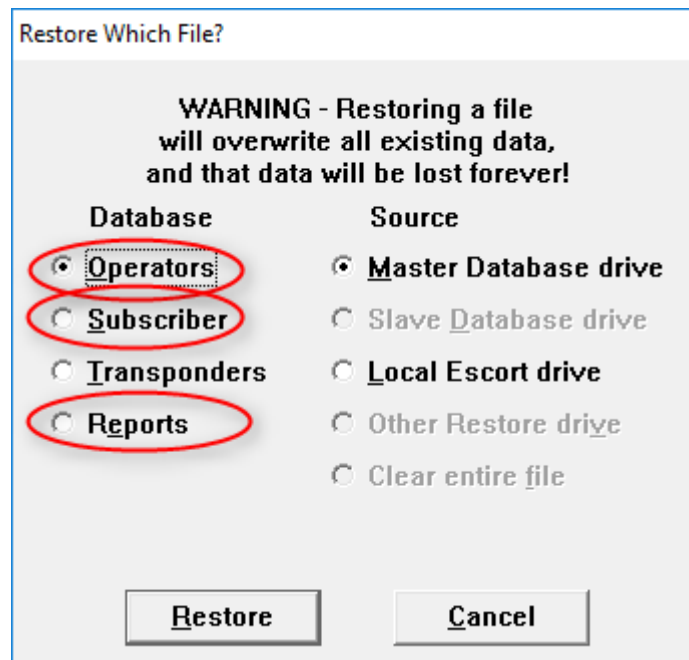
6. Navigate to the **Escort Backup** folder on the computer desktop where the file can be found.
7. Select the **Files of type** as "xml Files (\*.xml)".
8. Select the **File name** as "transmerge\_export.xml".
9. Click the **[Open]** button. Once the import has completed successfully, a confirmation dialog window appears.



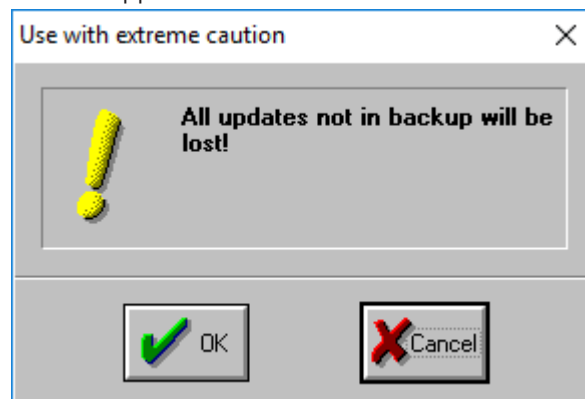
10. Click the **[OK]** button to close the dialog window.
11. Click the **[Cancel]** button to close the **Find Transponder's Database Record** dialog window.
12. The database import has completed. Check the **Transponder Database** to ensure that the import is successful.
13. Proceed to the following stage of upgrading.

**Restore the Operator, Reports and Subscriber Database, and other files to SE3.0.0**

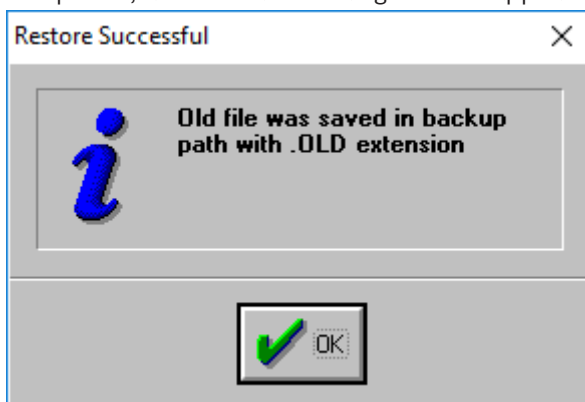
1. Copy the backup files **OPERATOR.EBU**, **REPORTS.EBU** and **SUBSCRIB.EBU** from the **Escort Backup** folder on the computer desktop to the **Escort** folder on C drive.
2. Go to **Utilities** menu.
3. Select the **Restore** menu item. The **Restore Which File?** dialog window appears.



4. From the dialog window, select the **Operators** option as the **Database** to restore and the **Source** drive of the file (**Escort** folder on C drive).
5. Click the **[Restore]** button to start the restore process. A warning confirmation dialog window appears.



6. Click the **[OK]** button to proceed with the restore process. Once the restore has completed, a confirmation dialog window appears.



7. Click the **[OK]** button to close the dialog windows.
8. Repeat steps 2 to 7 for the **Subscriber** and **Reports** options of the **Database** to restore.
9. Copy all **Map.EDB** files from the **Escort Backup** folder to the **Escort** folder.
10. Copy the **O.EDB**, **PHONEBOOK.EDB**, **GPREFERS.EDB** and **WPREFERS.EDB** files from the **Escort Backup** folder to the **Escort** folder.
11. Restart the Security Escort program. The entire upgrading process has completed.

## 13 Appendix: Software licenses

This product contains both software that is proprietary Bosch software licensed under the Bosch standard license terms, and software licensed on the basis of other licenses.

### 13.1 Bosch software

All Bosch software © Bosch Security Systems. Bosch software is licensed under the terms of the End User License Agreement (EULA) of Bosch Security Systems B.V. or Bosch Security Systems Inc, as available together with the physical carrier (CD or DVD). Any use is subject to agreement and compliance with such EULA, as applicable.

### 13.2 Other licenses — copyright notices

Bosch is committed to comply with the relevant terms of any open source license included in its products. The open source licenses for Security Escort are listed in the **OpenSourceLicensing.doc** file in the Open Source folder of the CD-ROM. The relevant open source software or source code can also be obtained by downloading from the Bosch product catalog website.

### 13.3 Warranties and disclaimer of warranties

Software provided under other licenses has specific disclaimers of warranties. These are repeated in the full license texts, and apply in full to the relevant software components. All software components provided under the other licenses are provided "as is" without any warranty of any kind, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, unless stated otherwise in writing. Please see the full text of the relevant software licenses for further details. The Bosch standard product warranty only applies to the combination of hardware and software as delivered by Bosch. Without prejudice to any licensee's right to apply the provisions of a relevant software license, any modification of any software delivered with or as part of the product may render any warranty on the whole product or any parts thereof null and void, and Bosch is entitled to charge fees for any services in relation thereto.











**Bosch Security Systems B.V.**

Torenallee 49

5617 BA Eindhoven

Netherlands

**[www.boschsecurity.com](http://www.boschsecurity.com)**

© Bosch Security Systems B.V., 2022

**Building solutions for a better life.**

202203221016