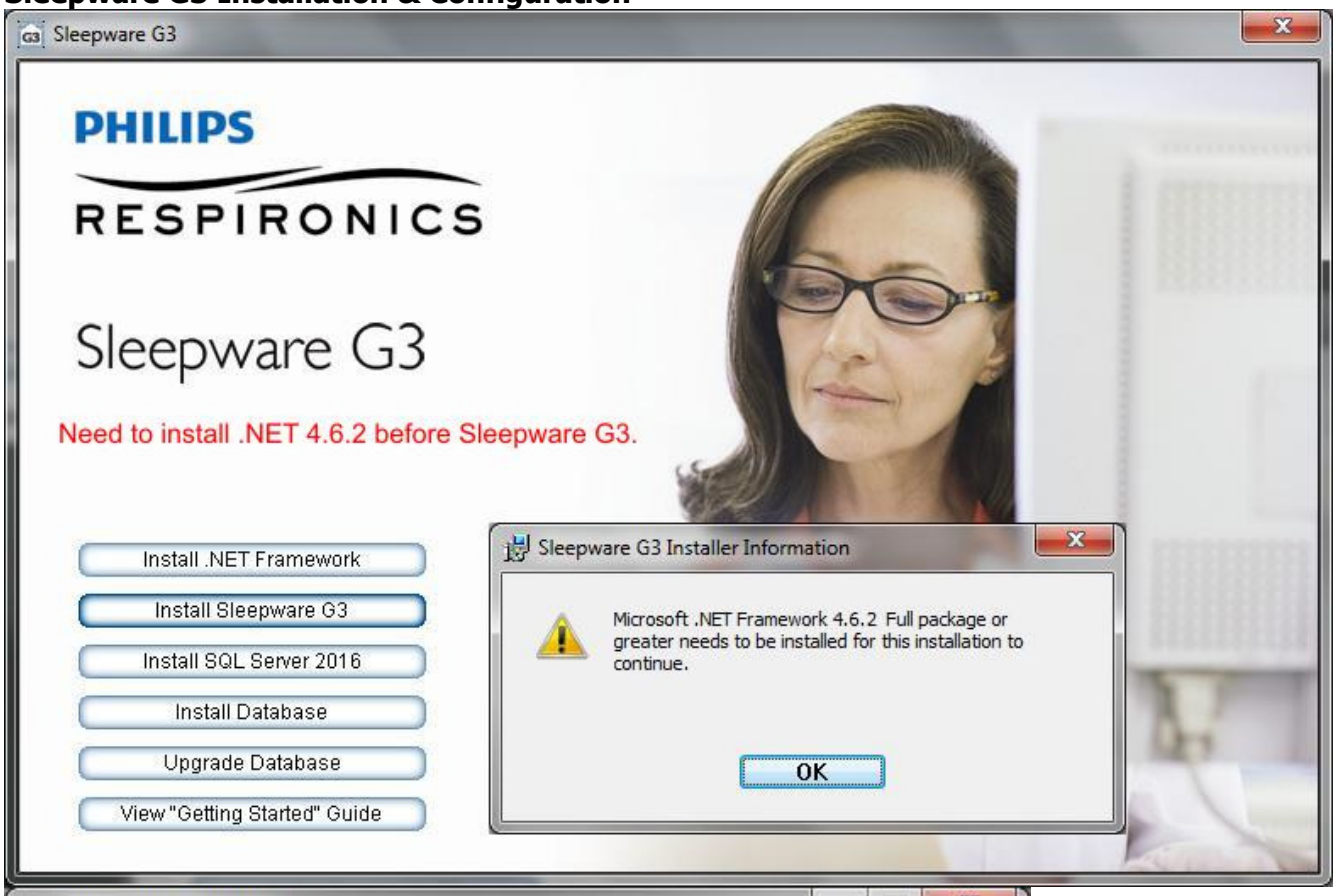
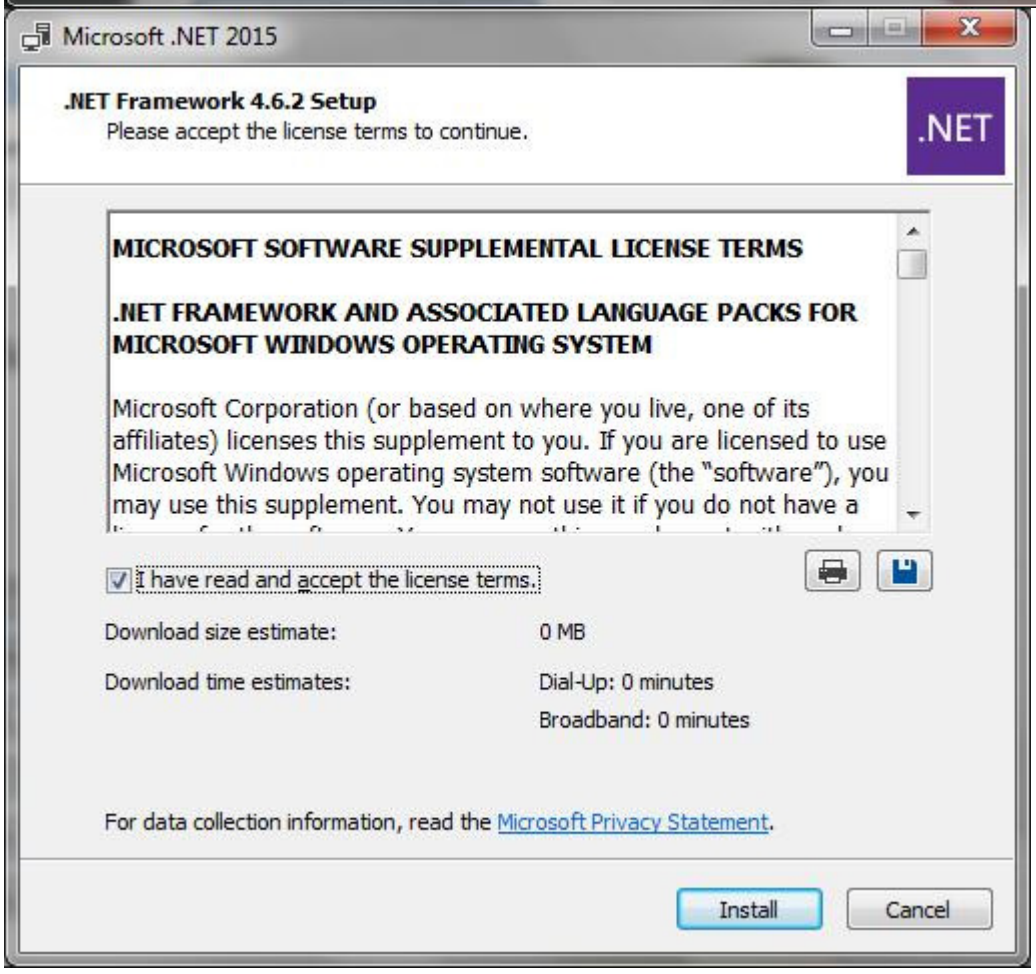
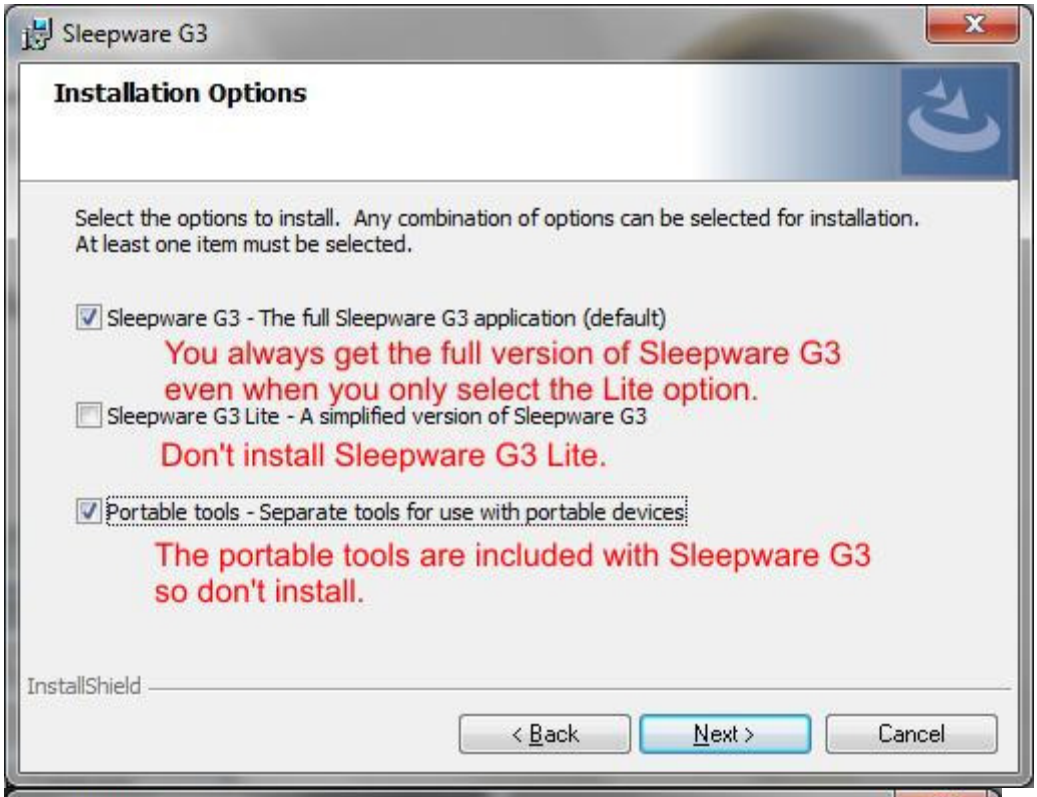
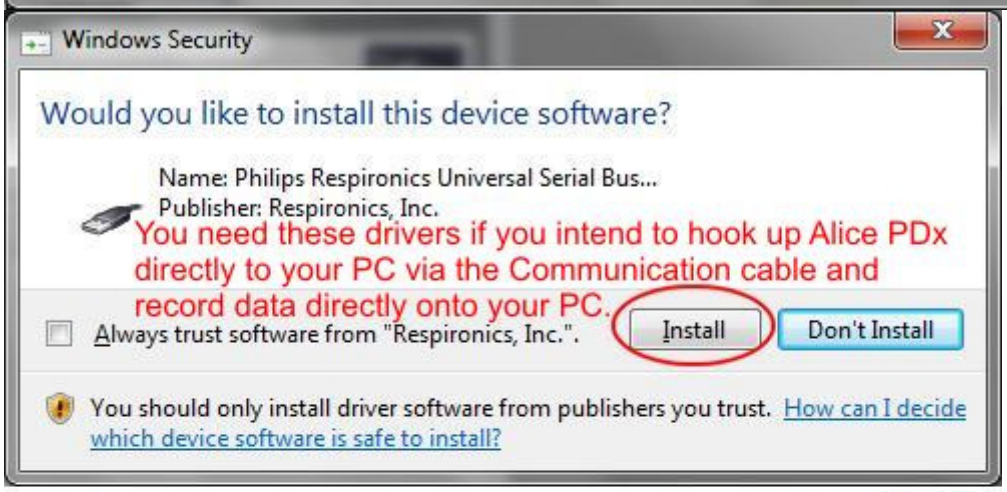
Sleepware G3 Installation & Configuration

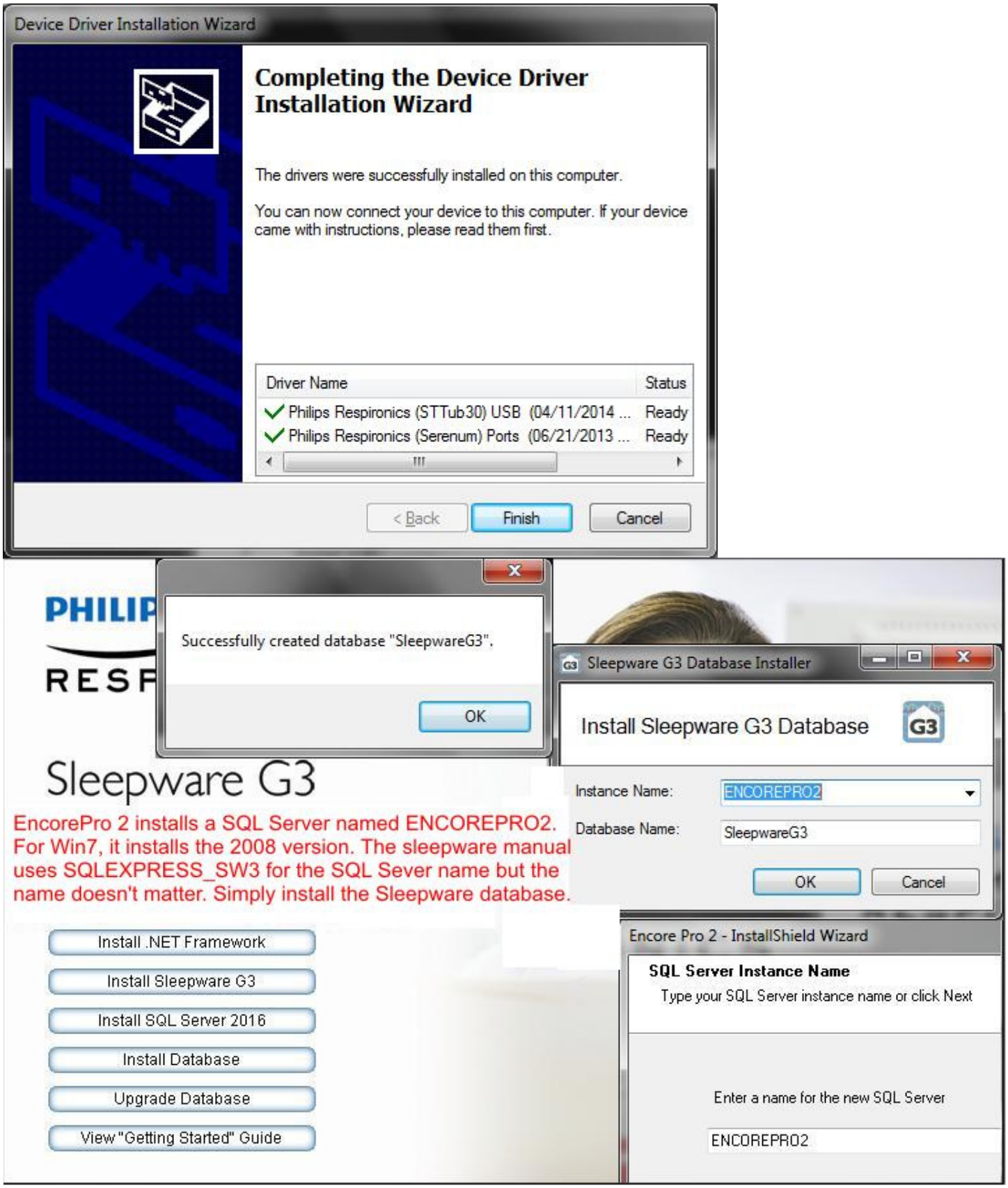




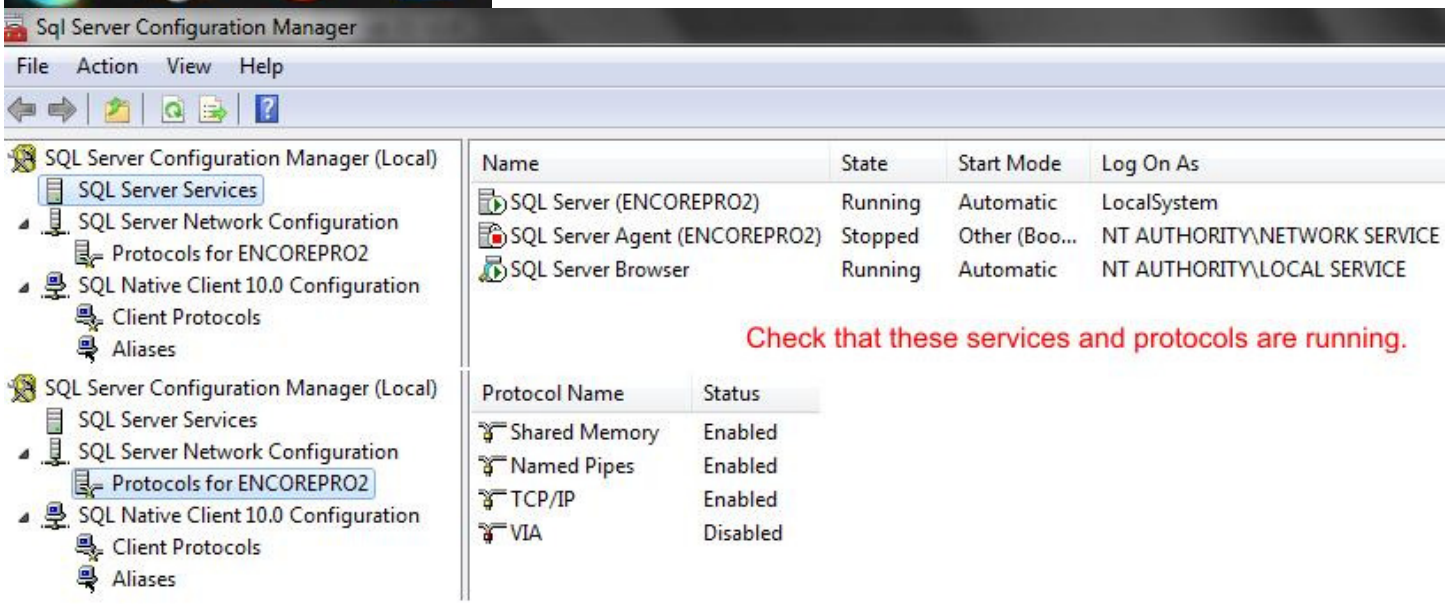

Sleepware G3
Installation Options
Select the options to install. Any combination of options can be selected for installation.
At least one item must be selected.
Sleepware G3 - The full Sleepware G3 application (default)
You always get the full version of Sleepware G3 even when you only select the Lite option.
Sleepware G3 Lite - A simplified version of Sleepware G3
Don't install Sleepware G3 Lite.
Portable tools - Separate tools for use with portable devices
The portable tools are included with Sleepware G3 so don't install.
InstallShield
< Back
Next >
Cancel


Windows Security
Would you like to install this device software?
Name: Philips Respironics Universal Serial Bus...
Publisher: Respironics, Inc.
You need these drivers if you intend to hook up Alice PDx directly to your PC via the Communication cable and record data directly onto your PC.
Always trust software from "Respironics, Inc.".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

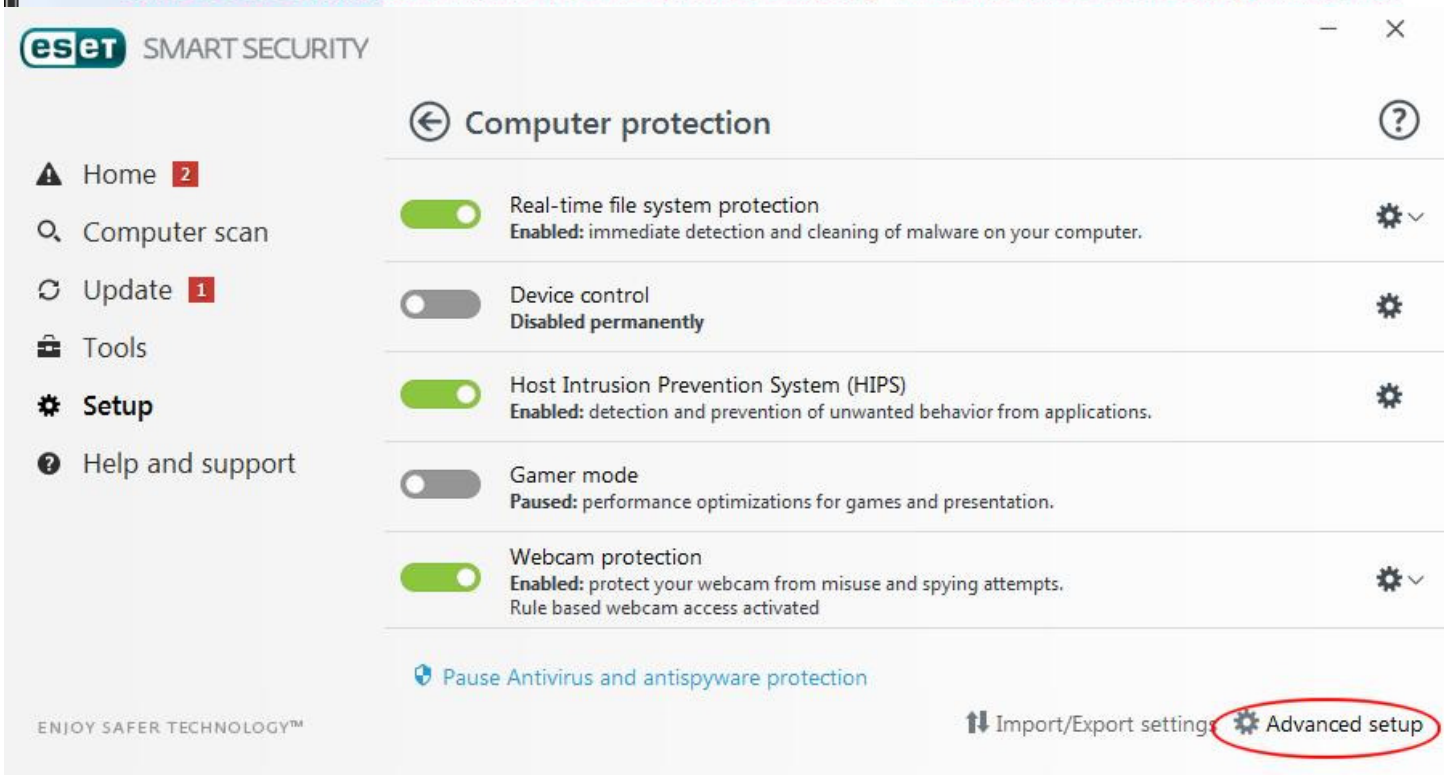
Windows Security
Would you like to install this device software?
Name: Philips Respironics Ports (COM & LPT)
Publisher: Respironics, Inc.
Always trust software from "Respironics, Inc.".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

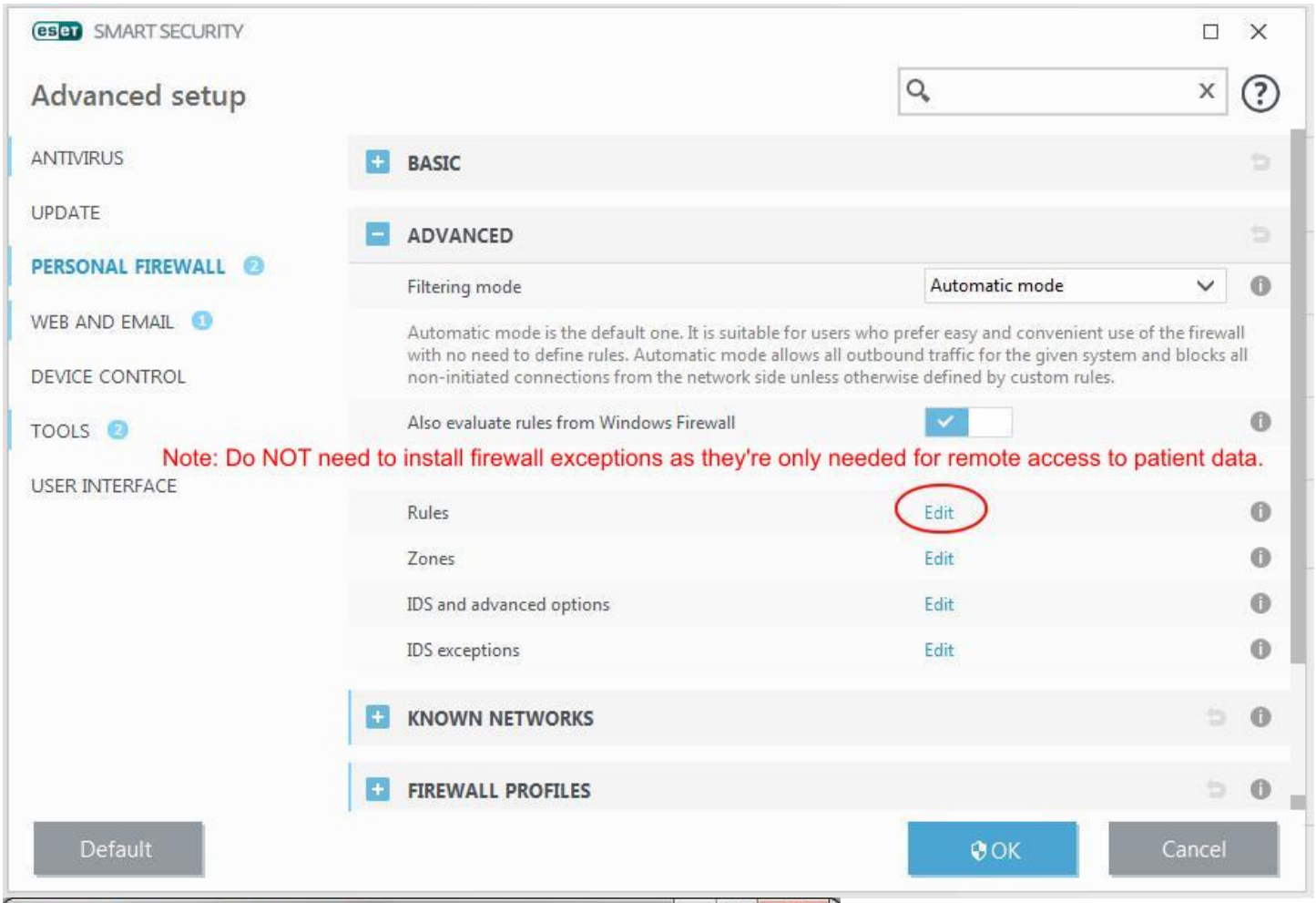

Device Driver Installation Wizard
Completing the Device Driver Installation Wizard
The drivers were successfully installed on this computer.
You can now connect your device to this computer. If your device came with instructions, please read them first.
Driver Name
Status
Philips Respironics (STTub30) USB (04/11/2014 ...
Ready
Philips Respironics (Serenum) Ports (06/21/2013 ...
Ready
< Back
Finish
Cancel
Successfully created database "SleepwareG3".
OK
Sleepware G3 Database Installer
Install Sleepware G3 Database
G3
Instance Name:
ENCOREPRO2
Database Name:
SleepwareG3
OK
Cancel
Sleepware G3
EncorePro 2 installs a SQL Server named ENCOREPRO2. For Win7, it installs the 2008 version. The sleepware manual uses SQLEXPRESS_SW3 for the SQL Sever name but the name doesn't matter. Simply install the Sleepware database.
Install .NET Framework
Install Sleepware G3
Install SQL Server 2016
Install Database
Upgrade Database
View "Getting Started" Guide
Encore Pro 2 - InstallShield Wizard
SQL Server Instance Name
Type your SQL Server instance name or click Next
Enter a name for the new SQL Server
ENCOREPRO2

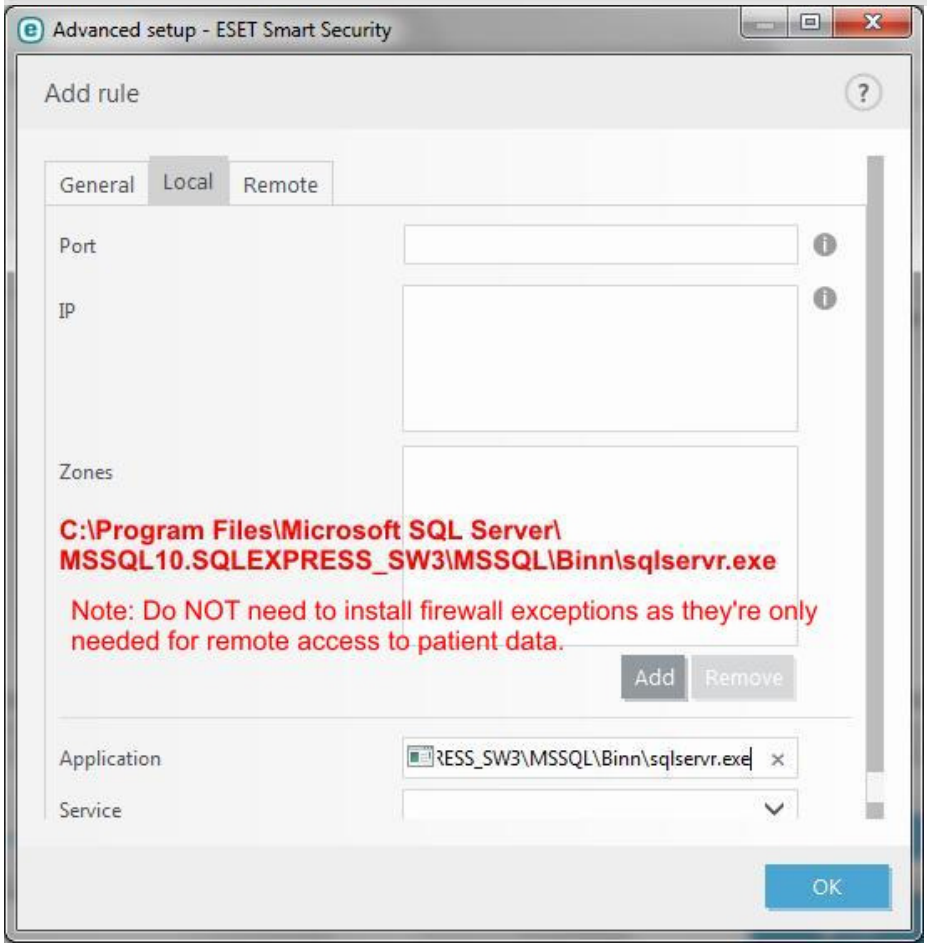
Microsoft SQL Server 2008
Import and Export Data (32-bit)
Configuration Tools
SQL Server Configuration Manag
SQL Server Error and Usage Repo
SQL Server Installation Center
Philips Respironics
SleepwareG3
Respironics
Encore Pro 2
Encore Pro 2
Utilities
Reset Admin Account
See page 10 of Sleepware G3 Guide on DVD for database installation details.

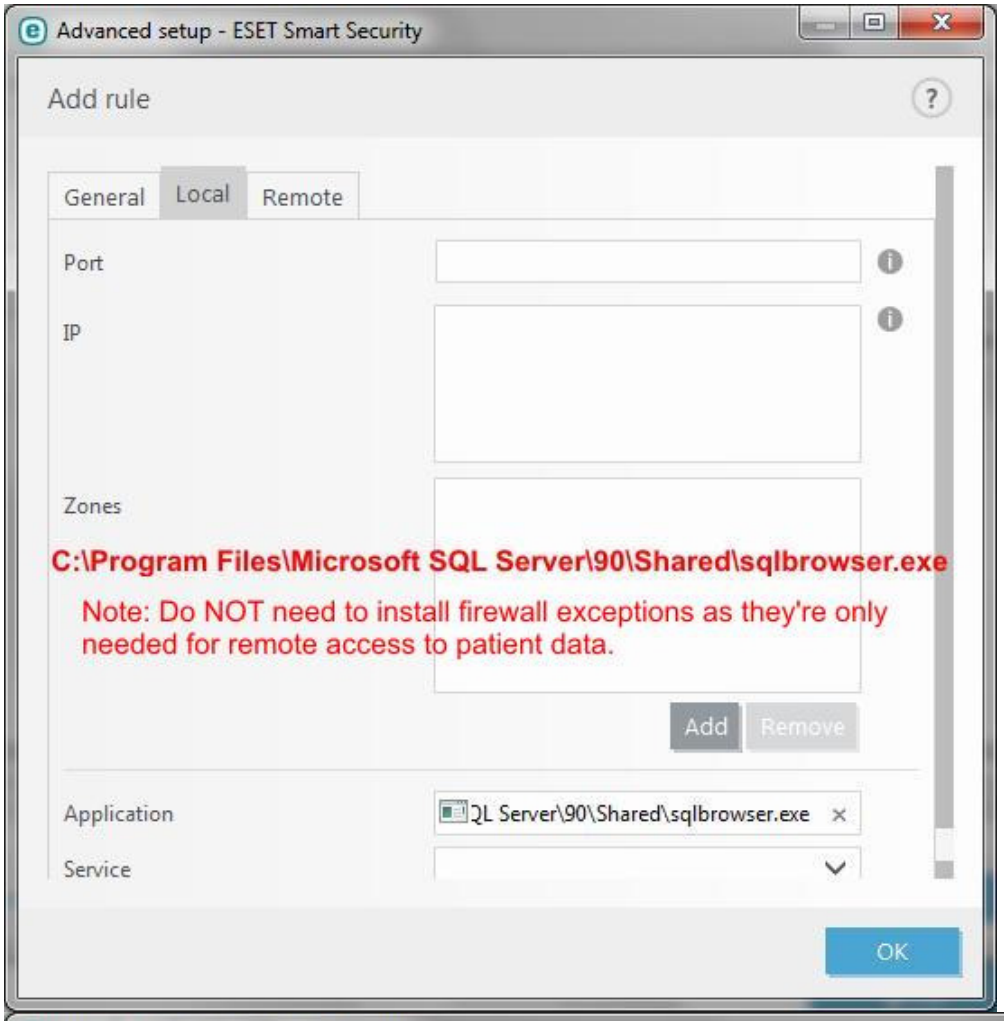

Sql Server Configuration Manager
File Action View Help
SQL Server Configuration Manager (Local)
SQL Server Services
SQL Server Network Configuration
Protocols for ENCOREPRO2
SQL Native Client 10.0 Configuration
Client Protocols
Aliases
Name
State
Start Mode
Log On As
SQL Server (ENCOREPRO2)
Running
Automatic
LocalSystem
SQL Server Agent (ENCOREPRO2)
Stopped
Other (Boo...
NT AUTHORITY\NETWORK SERVICE
SQL Server Browser
Running
Automatic
NT AUTHORITY\LOCAL SERVICE
Check that these services and protocols are running.
SQL Server Configuration Manager (Local)
SQL Server Services
SQL Server Network Configuration
Protocols for ENCOREPRO2
SQL Native Client 10.0 Configuration
Client Protocols
Aliases
Protocol Name
Status
Shared Memory
Enabled
Named Pipes
Enabled
TCP/IP
Enabled
VIA
Disabled

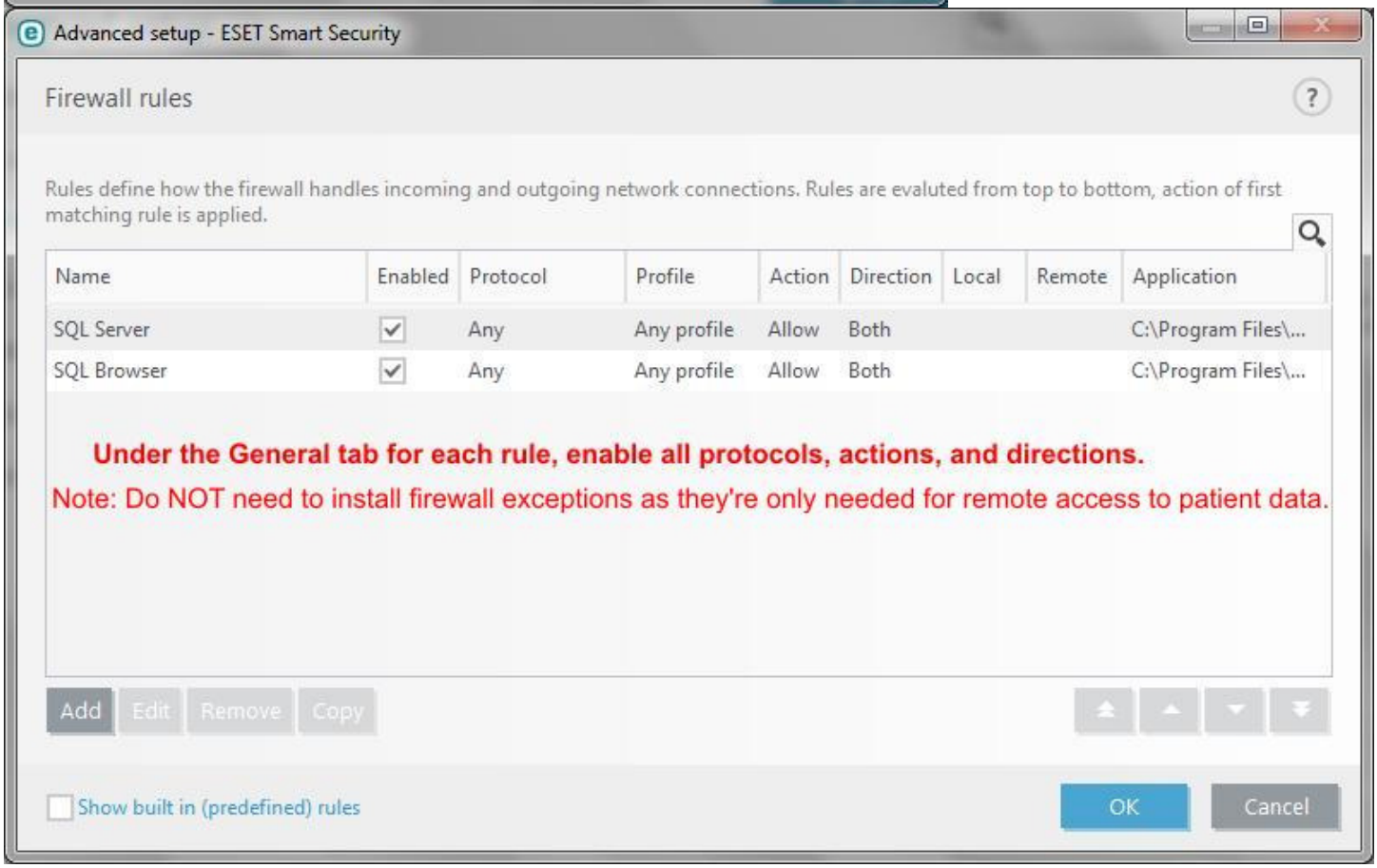
Can not add sqlbrowser.exe and sqlservr.exe exceptions to Windows Firewall as it is disabled by ESET.
Note: Do NOT need to install firewall exceptions as it's only need for remote access to patient data.

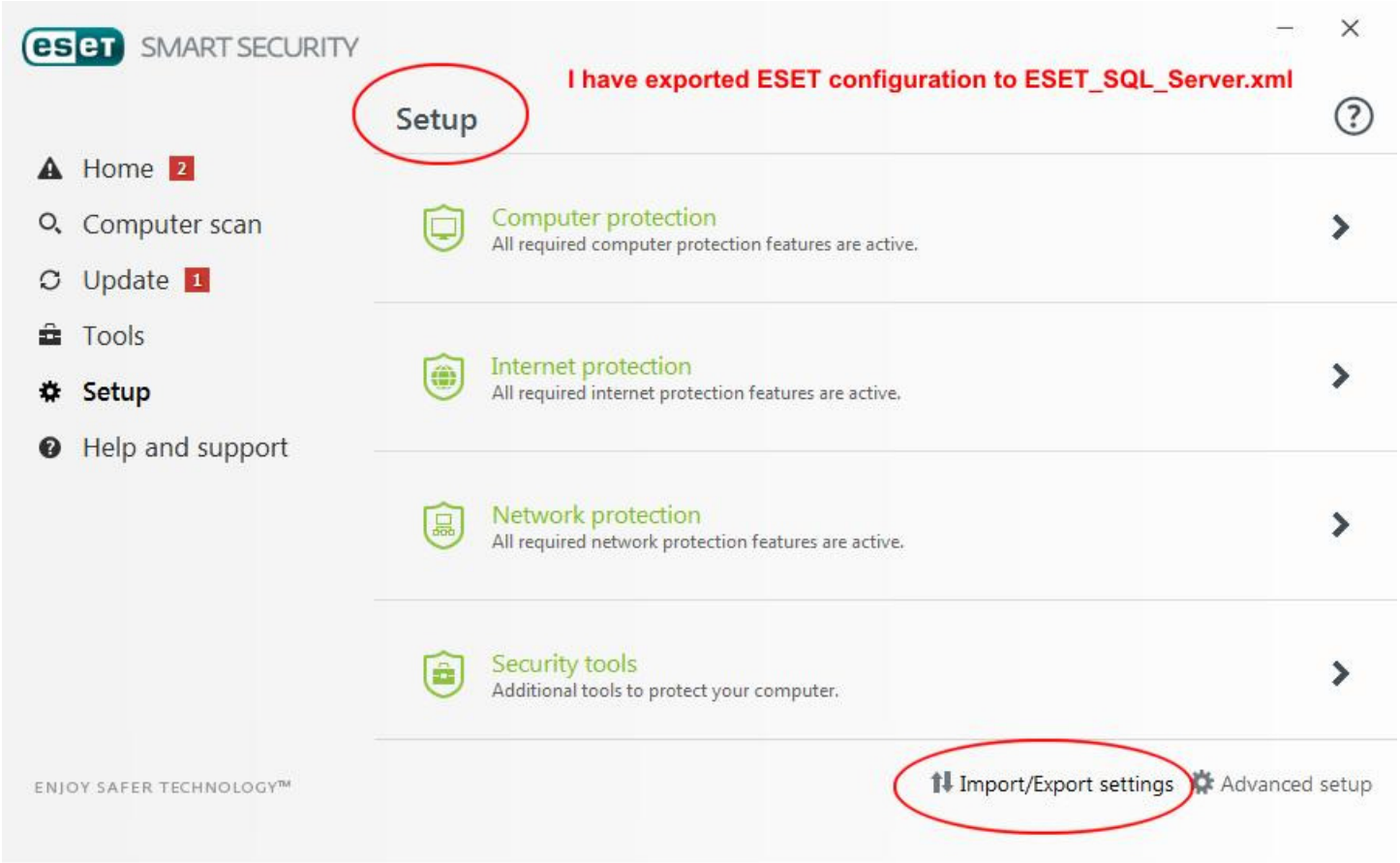


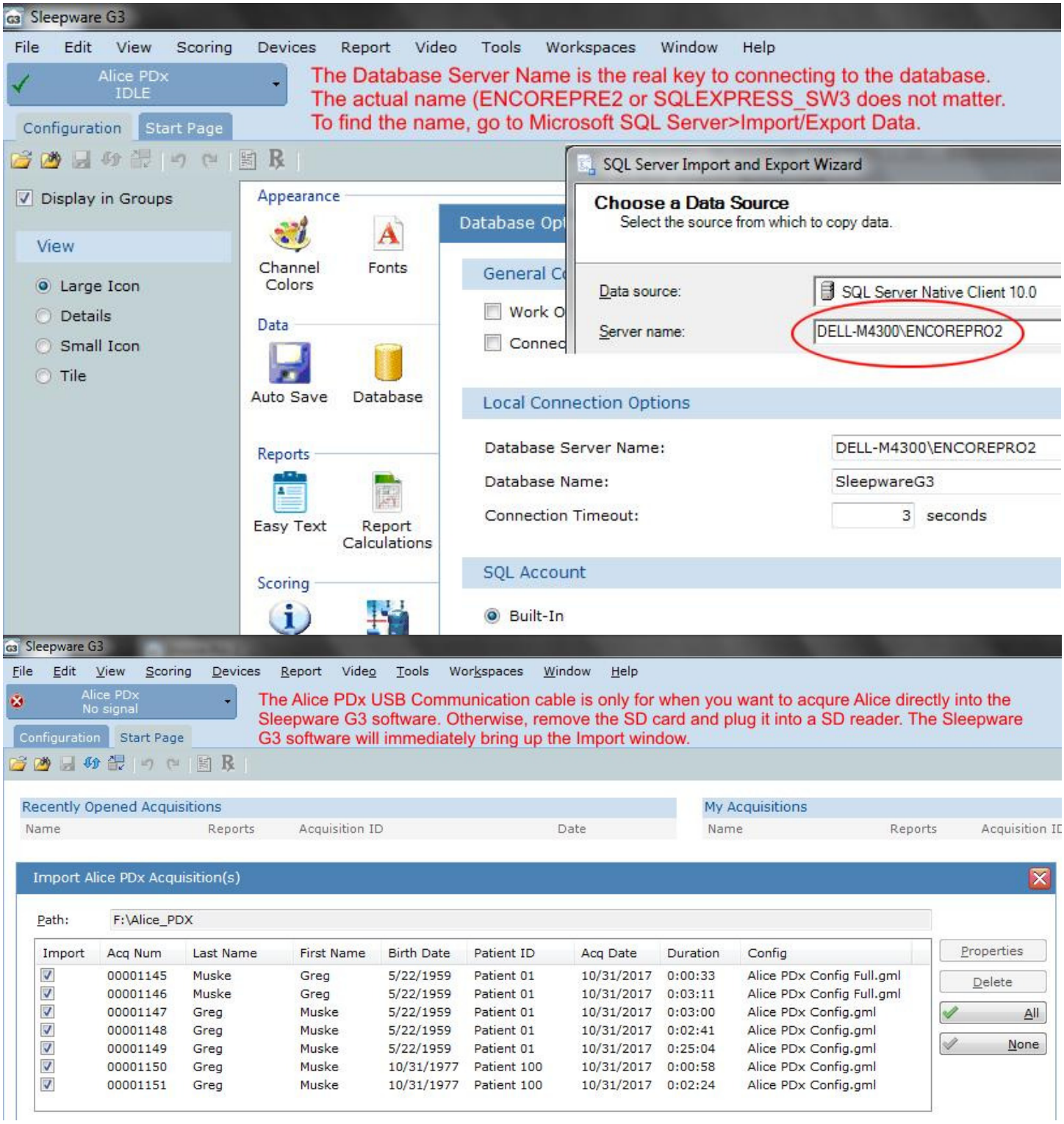

SMART SECURITY
Advanced setup
ANTIVIRUS
UPDATE
PERSONAL FIREWALL
WEB AND EMAIL
DEVICE CONTROL
TOOLS
USER INTERFACE
BASIC
ADVANCED
Filtering mode
Automatic mode
Automatic mode is the default one. It is suitable for users who prefer easy and convenient use of the firewall with no need to define rules. Automatic mode allows all outbound traffic for the given system and blocks all non-initiated connections from the network side unless otherwise defined by custom rules.
Also evaluate rules from Windows Firewall
Note: Do NOT need to install firewall exceptions as they're only needed for remote access to patient data.
Rules
Edit
Zones
Edit
IDS and advanced options
Edit
IDS exceptions
Edit
KNOWN NETWORKS
FIREWALL PROFILES
Default
OK
Cancel


Advanced setup - ESET Smart Security
Add rule
General
Local
Remote
Port
IP
Zones
C:\Program Files\Microsoft SQL Server\MSSQL10.SQLEXPRESS_SW3\MSSQL\Binn\sqlservr.exe
Note: Do NOT need to install firewall exceptions as they're only needed for remote access to patient data.
Add
Remove
Application
RESS_SW3\MSSQL\Binn\sqlservr.exe
Service
OK


Advanced setup - ESET Smart Security
Add rule
General
Local
Remote
Port
IP
Zones
C:\Program Files\Microsoft SQL Server\90\Shared\sqlbrowser.exe
Note: Do NOT need to install firewall exceptions as they're only needed for remote access to patient data.
Add
Remove
Application
QL Server\90\Shared\sqlbrowser.exe
Service
OK

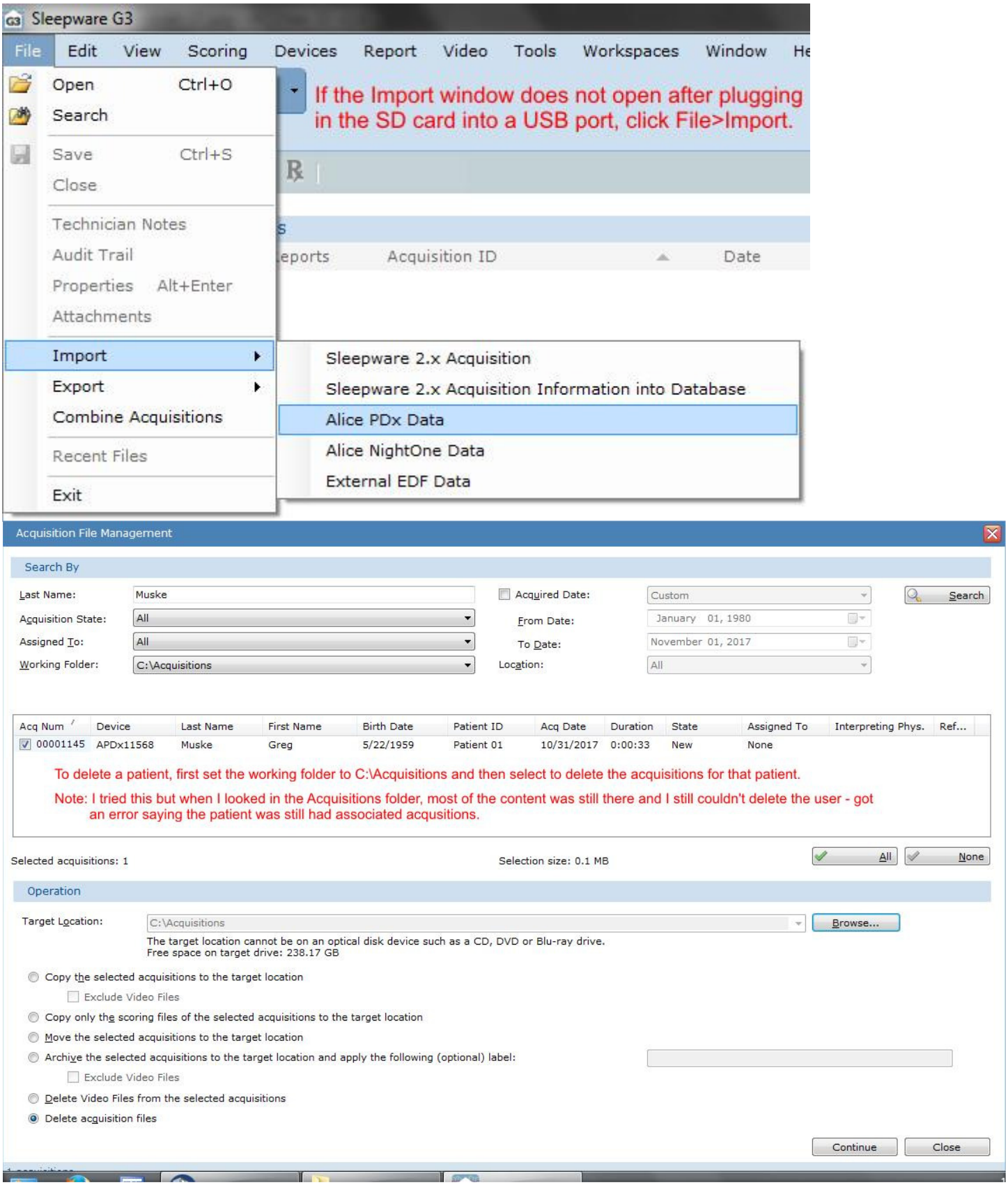

Advanced setup - ESET Smart Security
Firewall rules
Rules define how the firewall handles incoming and outgoing network connections. Rules are evaluted from top to bottom, action of first matching rule is applied.
Name
Enabled
Protocol
Profile
Action
Direction
Local
Remote
Application
SQL Server
Any
Any profile
Allow
Both
C:\Program Files\...
SQL Browser
Any
Any profile
Allow
Both
C:\Program Files\...
Under the General tab for each rule, enable all protocols, actions, and directions.
Note: Do NOT need to install firewall exceptions as they're only needed for remote access to patient data.
Add
Edit
Remove
Copy
Show built in (predefined) rules
OK
Cancel


ESET SMART SECURITY
I have exported ESET configuration to ESET_SQL_Server.xml
Setup
Home 2
Computer scan
Update 1
Tools
Setup
Help and support
Computer protection
All required computer protection features are active.
Internet protection
All required internet protection features are active.
Network protection
All required network protection features are active.
Security tools
Additional tools to protect your computer.
ENJOY SAFER TECHNOLOGY™
Import/Export settings
Advanced setup

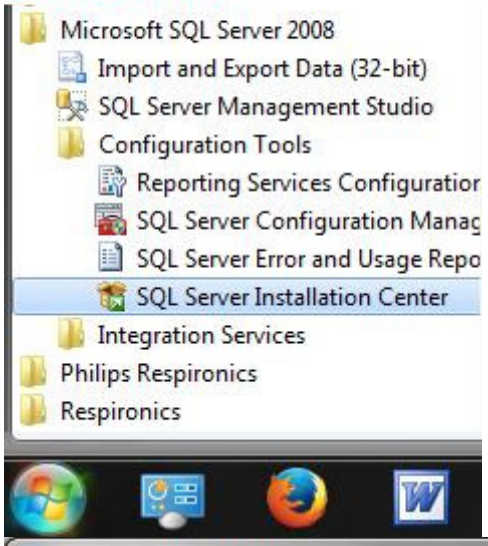

Sleepware G3
File Edit View Scoring Devices Report Video Tools Workspaces Window Help
Alice PDx
IDLE
The Database Server Name is the real key to connecting to the database.
The actual name (ENCOREPRE2 or SQLEXPRESS_SW3 does not matter.
To find the name, go to Microsoft SQL Server>Import/Export Data.
Configuration
Start Page
Display in Groups
View
Large Icon
Details
Small Icon
Tile
Appearance
Channel Colors
Fonts
Data
Auto Save
Database
Reports
Easy Text
Report Calculations
Scoring
SQL Server Import and Export Wizard
Choose a Data Source
Select the source from which to copy data.
Data source:
SQL Server Native Client 10.0
Server name:
DELL-M4300\ENCOREPRO2
Local Connection Options
Database Server Name:
DELL-M4300\ENCOREPRO2
Database Name:
SleepwareG3
Connection Timeout:
3
seconds
SQL Account
Built-In

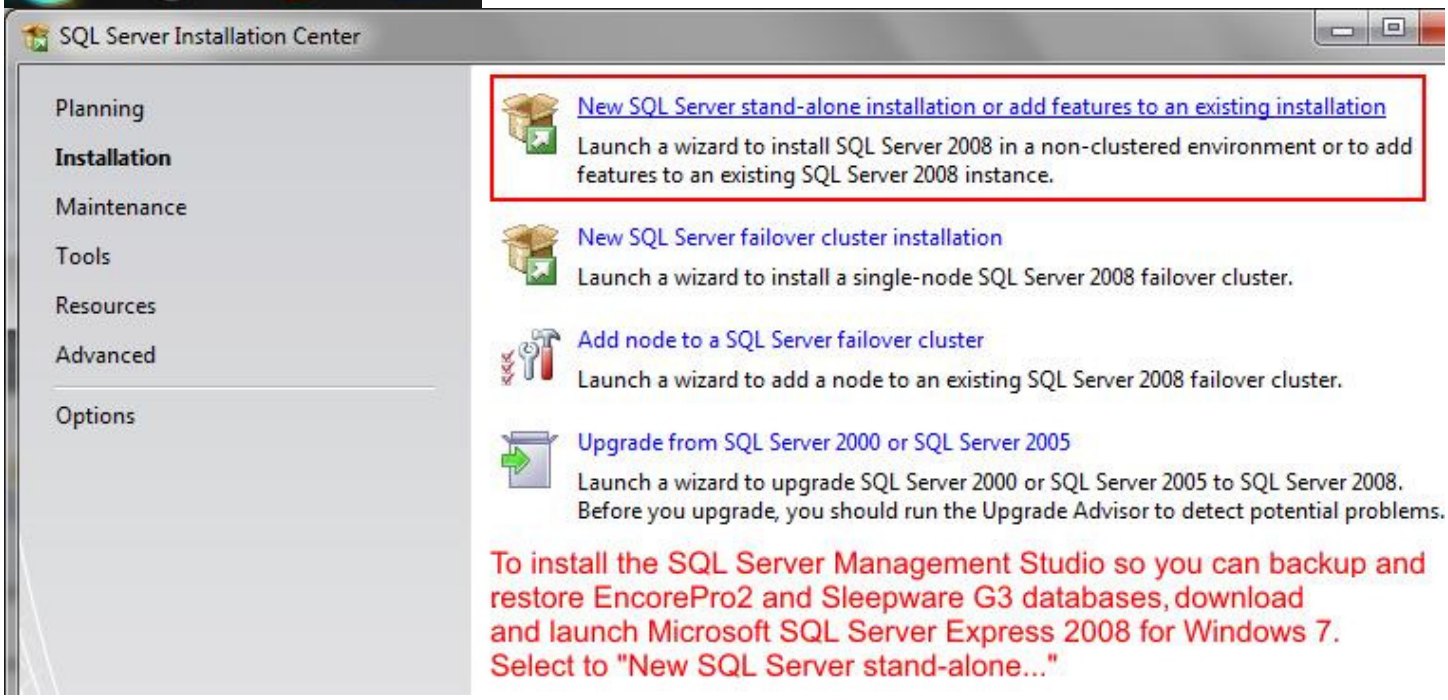
Sleepware G3
File Edit View Scoring Devices Report Video Tools Workspaces Window Help
Alice PDx
No signal
The Alice PDx USB Communication cable is only for when you want to acqure Alice directly into the Sleepware G3 software. Otherwise, remove the SD card and plug it into a SD reader. The Sleepware G3 software will immediately bring up the Import window.
Configuration
Start Page
Recently Opened Acquisitions
Name
Reports
Acquisition ID
Date
My Acquisitions
Name
Reports
Acquisition ID

Import Alice PDx Acquisition(s)
Path:
F:\Alice_PDX
Import
Acq Num
Last Name
First Name
Birth Date
Patient ID
Acq Date
Duration
Config
00001145 Muske Greg 5/22/1959 Patient 01 10/31/2017 0:00:33 Alice PDx Config Full.gml
00001146 Muske Greg 5/22/1959 Patient 01 10/31/2017 0:03:11 Alice PDx Config Full.gml
00001147 Greg Muske 5/22/1959 Patient 01 10/31/2017 0:03:00 Alice PDx Config.gml
00001148 Greg Muske 5/22/1959 Patient 01 10/31/2017 0:02:41 Alice PDx Config.gml
00001149 Greg Muske 5/22/1959 Patient 01 10/31/2017 0:25:04 Alice PDx Config.gml
00001150 Greg Muske 10/31/1977 Patient 100 10/31/2017 0:00:58 Alice PDx Config.gml
00001151 Greg Muske 10/31/1977 Patient 100 10/31/2017 0:02:24 Alice PDx Config.gml
Properties
Delete
All
None

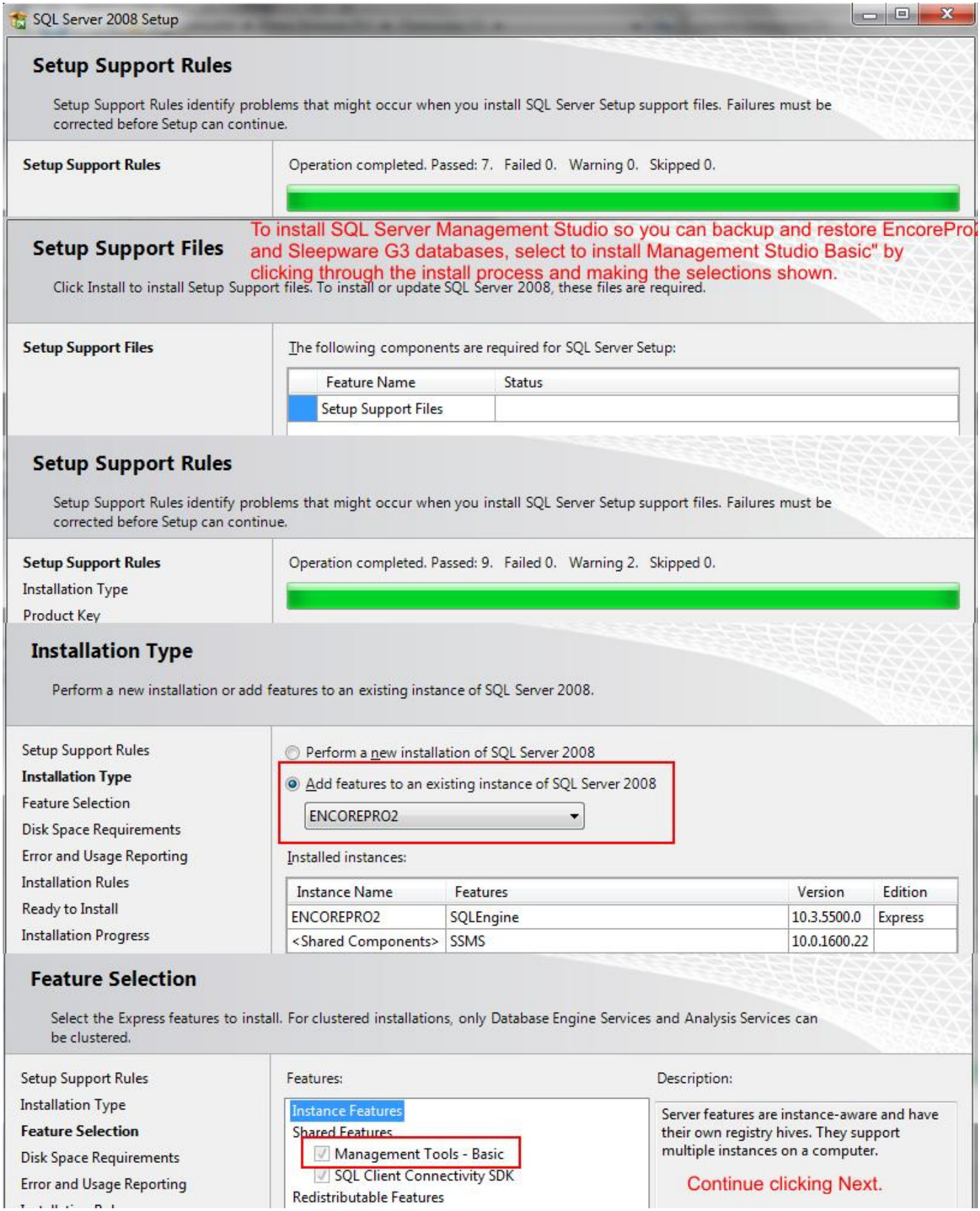

Sleepware G3
File
Edit
View
Scoring
Devices
Report
Video
Tools
Workspaces
Window
Open Ctrl+O
Search
Save Ctrl+S
Close
Technician Notes
Audit Trail
Properties Alt+Enter
Attachments
Import
Export
Combine Acquisitions
Recent Files
Exit
If the Import window does not open after plugging in the SD card into a USB port, click File>Import.
Acquisition ID
Date
Sleepware 2.x Acquisition
Sleepware 2.x Acquisition Information into Database
Alice PDx Data
Alice NightOne Data
External EDF Data
Acquisition File Management
Search By
Last Name: Muske
Acquisition State: All
Assigned To: All
Working Folder: C:\Acquisitions
Acquired Date:
Custom
From Date: January 01, 1980
To Date: November 01, 2017
Location: All
Search
Acq Num
Device
Last Name
First Name
Birth Date
Patient ID
Acq Date
Duration
State
Assigned To
Interpreting Phys.
Ref...
00001145 APDx11568 Muske Greg 5/22/1959 Patient 01 10/31/2017 0:00:33 New None
To delete a patient, first set the working folder to C:\Acquisitions and then select to delete the acquisitions for that patient.
Note: I tried this but when I looked in the Acquisitions folder, most of the content was still there and I still couldn't delete the user - got an error saying the patient was still had associated acqusitions.
Selected acquisitions: 1
Selection size: 0.1 MB
All
None
Operation
Target Location: C:\Acquisitions
Browse...
The target location cannot be on an optical disk device such as a CD, DVD or Blu-ray drive.
Free space on target drive: 238.17 GB
Copy the selected acquisitions to the target location
Exclude Video Files
Copy only the scoring files of the selected acquisitions to the target location
Move the selected acquisitions to the target location
Archive the selected acquisitions to the target location and apply the following (optional) label:
Exclude Video Files
Delete Video Files from the selected acquisitions
Delete acquisition files
Continue
Close

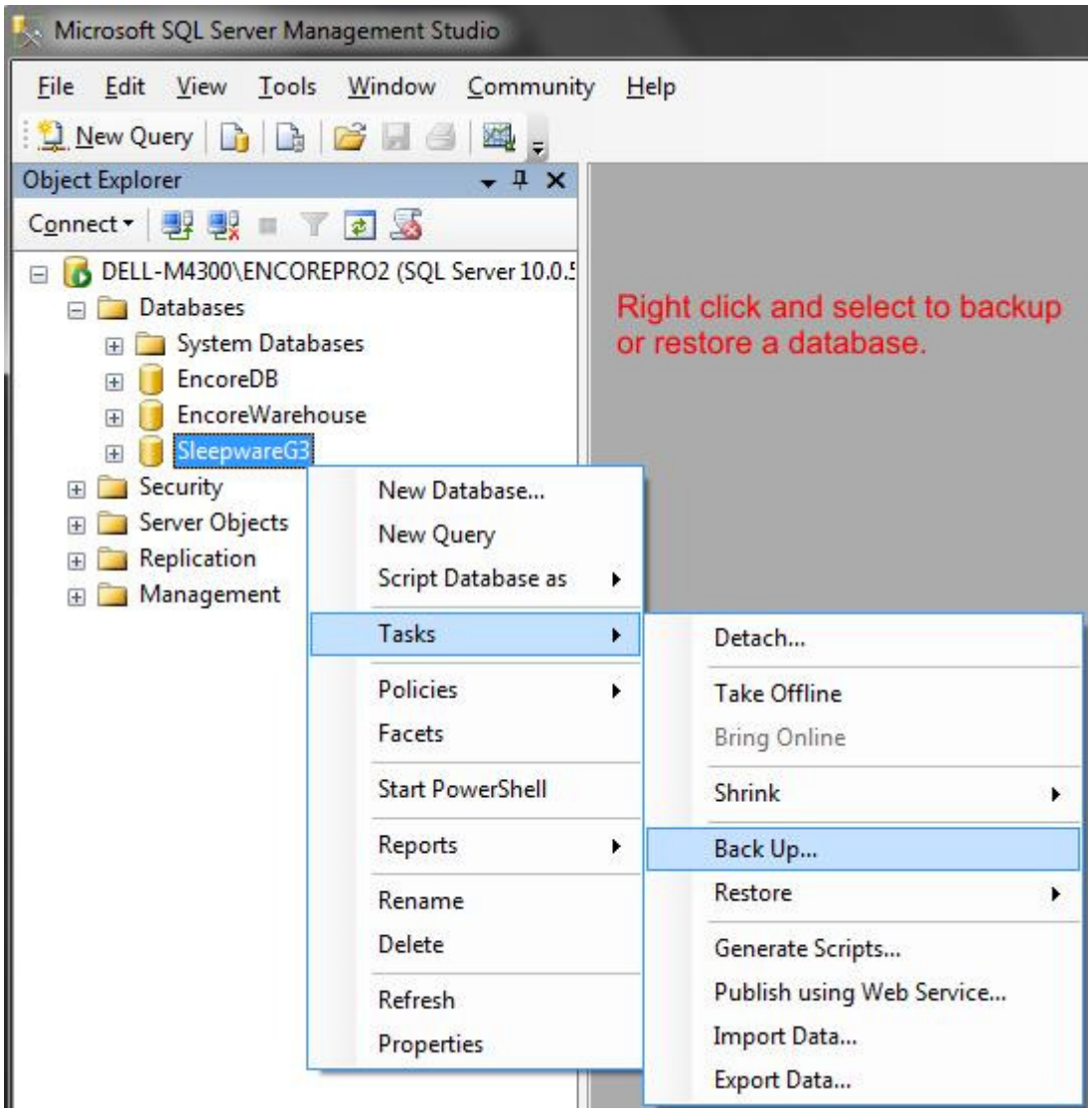
To backup and restore databases launch SQL Server Installation Center and add on SQL Server Management Studio to the existing EncorePro 2 SQL Server ENCOREPRO2.

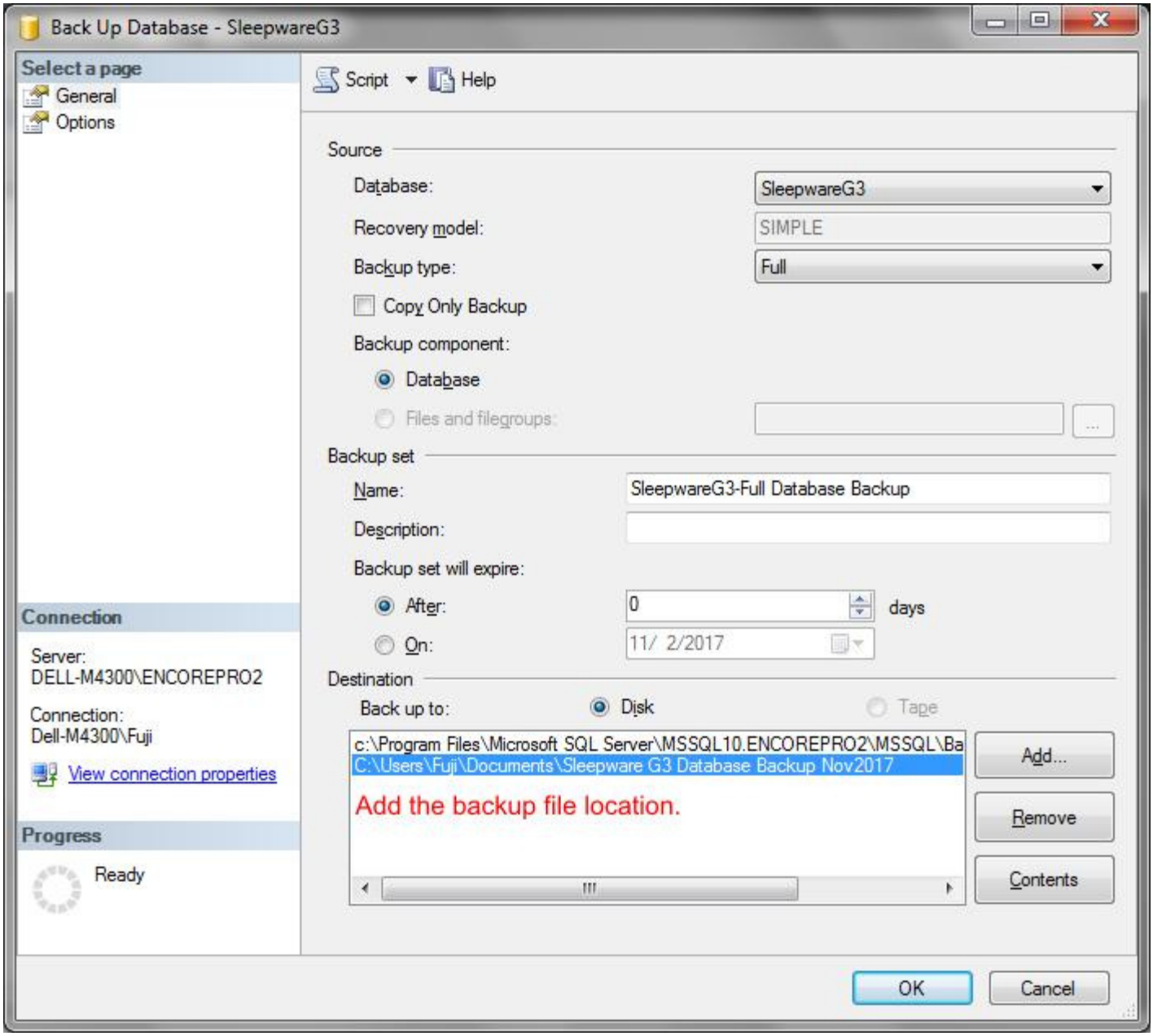


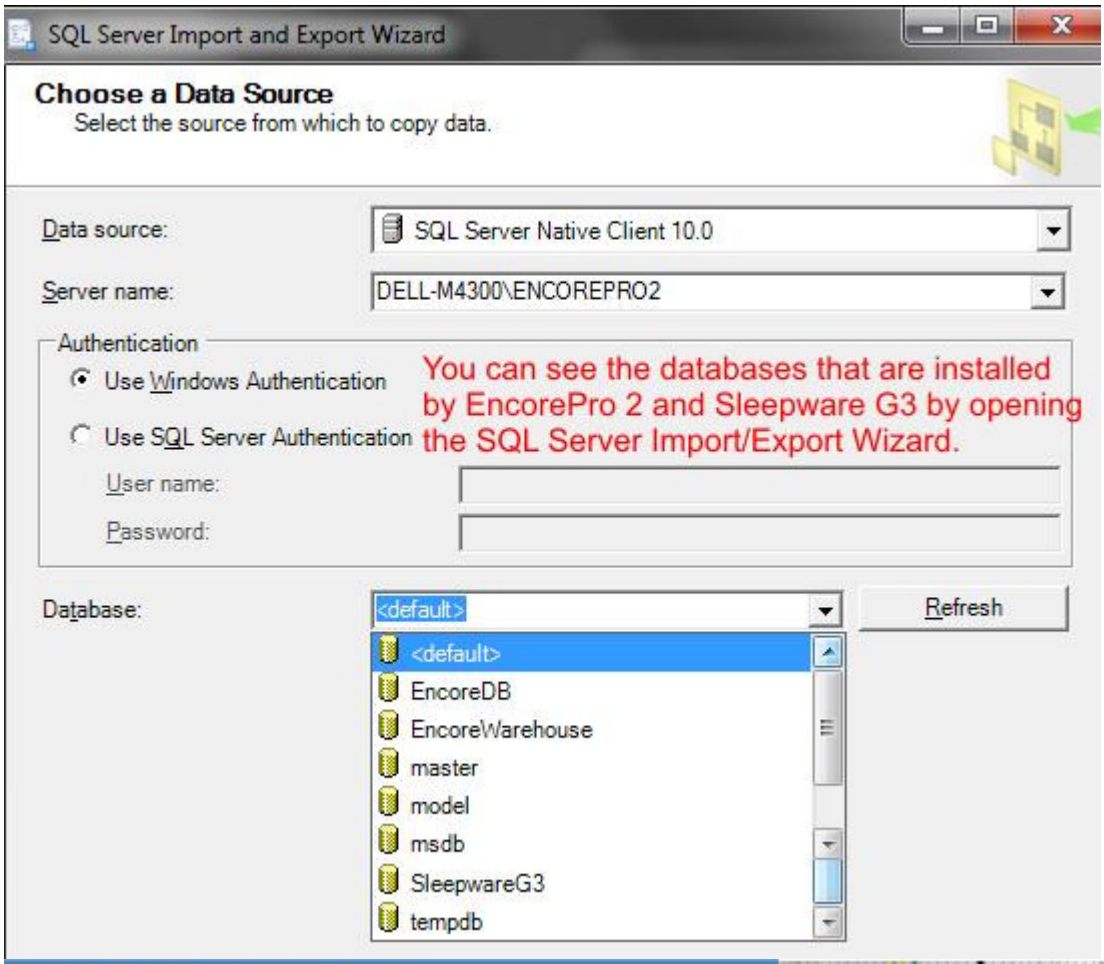


To install the SQL Server Management Studio so you can backup and restore EncorePro2 and Sleepware G3 databases, download and launch Microsoft SQL Server Express 2008 for Windows 7. Select to "New SQL Server stand-alone..."


SQL Server 2008 Setup
Setup Support Rules
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.
Setup Support Rules
Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 0.
Setup Support Files
To install SQL Server Management Studio so you can backup and restore EncorePro2 and Sleepware G3 databases, select to install Management Studio Basic" by clicking through the install process and making the selections shown.
Click Install to install Setup Support files. To install or update SQL Server 2008, these files are required.
Setup Support Files
The following components are required for SQL Server Setup:
Feature Name
Status
Setup Support Files
Setup Support Rules
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.
Setup Support Rules
Installation Type
Product Key
Operation completed. Passed: 9. Failed 0. Warning 2. Skipped 0.
Installation Type
Perform a new installation or add features to an existing instance of SQL Server 2008.
Setup Support Rules
Installation Type
Feature Selection
Disk Space Requirements
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Perform a new installation of SQL Server 2008
Add features to an existing instance of SQL Server 2008
ENCOREPRO2
Installed instances:
Instance Name
Features
Version
Edition
ENCOREPRO2
SQLEngine
10.3.5500.0
Express
<Shared Components>
SSMS
10.0.1600.22
Feature Selection
Select the Express features to install. For clustered installations, only Database Engine Services and Analysis Services can be clustered.
Setup Support Rules
Installation Type
Feature Selection
Disk Space Requirements
Error and Usage Reporting
Features:
Instance Features
Shared Features
Management Tools - Basic
SQL Client Connectivity SDK
Redistributable Features
Description:
Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.
Continue clicking Next.


Microsoft SQL Server Management Studio
File Edit View Tools Window Community Help
New Query
Object Explorer
Connect
DELL-M4300\ENCOREPRO2 (SQL Server 10.0.5
Databases
System Databases
EncoreDB
EncoreWarehouse
SleepwareG3
Security
Server Objects
Replication
Management
Right click and select to backup or restore a database.
New Database...
New Query
Script Database as
Tasks
Policies
Facets
Start PowerShell
Reports
Rename
Delete
Refresh
Properties
Detach...
Take Offline
Bring Online
Shrink
Back Up...
Restore
Generate Scripts...
Publish using Web Service...
Import Data...
Export Data...


Back Up Database - SleepwareG3
Select a page
General
Options
Script
Help
Source
Database:
SleepwareG3
Recovery model:
SIMPLE
Backup type:
Full
Copy Only Backup
Backup component:
Database
Files and filegroups:
Backup set
Name:
SleepwareG3-Full Database Backup
Description:
Backup set will expire:
After:
0
days
On:
11/ 2/2017
Destination
Back up to:
Disk
Tape
c:\Program Files\Microsoft SQL Server\MSSQL10.ENCOREPRO2\MSSQL\Ba
C:\Users\Fuji\Documents\Sleepware G3 Database Backup Nov2017
Add the backup file location.
Add...
Remove
Contents
Connection
Server:
DELL-M4300\ENCOREPRO2
Connection:
Dell-M4300\Fuji
View connection properties
Progress
Ready
OK
Cancel



Alice PDx Configuration Builder

Mask Pressure	PAP therapy mask pressure
Pressure Based Flow	Cannula nasal flow rate
Snore	Snoring
Thermistor Based Flow	Nasal temperature (special sensor)
Thoracic Effort	Chest belt movement
Abdominal Effort	Tummy belt movement
SpO2	Blood oxygen concentration
Pulse Rate	Heart rate
Pleth	Plethysmography (RIP) calculates Tidal Volume from flow rate and belt movement
Body Position	Upright, left, right, supine
ECG Lead I	Heart rythm
ECG Lead II	Heart rythm
ECG Lead V	Heart rythm
EMG 1	Electromyography muscle contraction (special sensor)
EMG 2	Electromyography muscle contraction (special sensor)
EMG 3	Electromyography muscle contraction (special sensor)
Actimeter	Accelerometer arm/leg strap measures movement to tell when sleeping
Neuro (EEG/EOG)	Brain waves (EEG) and Eye movement (EOG) (special sensor)
Therapy Device Channel	