Sleepware G3 Installation & Configuration

Need to install .NET 4.6.2 before Sleepware G3.

- Install .NET Framework
- Install Sleepware G3
- Install SQL Server 2016
- Install Database
- Upgrade Database
- View "Getting Started" Guide

Microsoft .NET Framework 4.6.2 Full package or greater needs to be installed for the installation to continue.

.NET Framework 4.6.2 Setup

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.NET FRAMEWORK AND ASSOCIATED LANGUAGE PACKS FOR MICROSOFT WINDOWS OPERATING SYSTEM

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Download size estimate: 0 MB
Download time estimates:
- Dial-Up: 0 minutes
- Broadband: 0 minutes

For data collection information, read the Microsoft Privacy Statement.
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.

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?
EncorePro 2 installs a SQL Server named ENCOREPRO2. For Win7, it installs the 2008 version. The sleepware manual uses SQLEXPRESS_SW3 for the SQL Server name but the name doesn't matter. Simply install the Sleepware database.
See page 10 of Sleepware G3 Guide on DVD for database installation details.

Check that these services and protocols are running.
Help protect your computer with Windows Firewall

Windows Firewall can help prevent hackers or malicious software from gaining access to your computer through the Internet or a network.

These settings are being managed by vendor application ESET Smart Security

Learn how you can enable Windows Firewall in your computer

- Home or work (private) networks: Not Connected
- Public networks: Connected

**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.
Advanced setup

ANTIVIRUS
UPDATE
PERSONAL FIREWALL
WEB AND EMAIL
DEVICE CONTROL
TOOLS
USER INTERFACE

Note: Do NOT need to install firewall exceptions as they're only needed for remote access to patient data.
**Add rule**

**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.

**Firewall rules**

Rules define how the firewall handles incoming and outgoing network connections. Rules are evaluated from top to bottom, action of first matching rule is applied.

<table>
<thead>
<tr>
<th>Name</th>
<th>Enabled</th>
<th>Protocol</th>
<th>Profile</th>
<th>Action</th>
<th>Direction</th>
<th>Local</th>
<th>Remote</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQL Server</td>
<td>✔️</td>
<td>Any</td>
<td>Any profile</td>
<td>Allow</td>
<td>Both</td>
<td></td>
<td></td>
<td>C:\Program Files...</td>
</tr>
<tr>
<td>SQL Browser</td>
<td>✔️</td>
<td>Any</td>
<td>Any profile</td>
<td>Allow</td>
<td>Both</td>
<td></td>
<td></td>
<td>C:\Program Files...</td>
</tr>
</tbody>
</table>

**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.
<table>
<thead>
<tr>
<th>Setup</th>
<th>I have exported ESET configuration to ESET_SQL_Server.xml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home</td>
<td></td>
</tr>
<tr>
<td>Computer scan</td>
<td></td>
</tr>
<tr>
<td>Update</td>
<td></td>
</tr>
<tr>
<td>Tools</td>
<td></td>
</tr>
<tr>
<td>Help and support</td>
<td></td>
</tr>
<tr>
<td>Setup</td>
<td></td>
</tr>
<tr>
<td>Computer protection</td>
<td>All required computer protection features are active.</td>
</tr>
<tr>
<td>Internet protection</td>
<td>All required internet protection features are active.</td>
</tr>
<tr>
<td>Network protection</td>
<td>All required network protection features are active.</td>
</tr>
<tr>
<td>Security tools</td>
<td>Additional tools to protect your computer.</td>
</tr>
<tr>
<td>Import/Export settings</td>
<td>Advanced setup</td>
</tr>
</tbody>
</table>
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.

The Alice PDx USB Communication cable is only for when you want to acquire 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.
If the Import window does not open after plugging in the SD card into a USB port, click File>Import.

<table>
<thead>
<tr>
<th>Sleepware 2.x Acquisition Information into Database</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alice PDX Data</td>
</tr>
<tr>
<td>Alice NightOne Data</td>
</tr>
<tr>
<td>External EDF Data</td>
</tr>
</tbody>
</table>

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 acquisitions.
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..."
Right click and select to backup or restore a database.
Add the backup file location.
You can see the databases that are installed by EncorePro 2 and Sleepware G3 by opening the SQL Server Import/Export Wizard.

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: