CONTENTS

MS SQL Requirements .................................................................................................................. 3

Installation .................................................................................................................................. 3

How to enable TCP/IP connections.............................................................................................. 9

Check TCP/IP options.................................................................................................................... 10
**MS SQL Requirements**

DeskAlerts supports MS SQL 2005 and higher.

Let’s go through the installation and configuration using MS SQL Express 2005 as an example.

**Installation**

Accept license terms and conditions and click **Next**.
Enter your name and company:
Check the settings:
Enter the password for mixed mode:

Authentication Mode

The authentication mode specifies the security used when connecting to SQL Server.

Select the authentication mode to use for this installation.

- [ ] Windows Authentication Mode
- [x] Mixed Mode (Windows Authentication and SQL Server Authentication)

Specify the sa login password below:

Enter password:

******

Confirm password:

******
Please choose one:

- **Enable User Instances**
  This option enables users without administrator permissions to run a separate instance of the SQL Server Express Database Engine.

- **Add user to the SQL Server Administrator role**
  This option adds the user who is running the SQL Server Express Installation program to the SQL Server System Administrator role. By default, users on Microsoft Windows Vista operating system are not members of the SQL Server System Administrator role.
Alerts use TCP/IP connections. On this example you see that it is disabled. You should enable it.
How to enable TCP/IP connections

From the Start Menu, run the “SQL Server Surface Area Configuration” utility.

(Problems->Microsoft SQL Server 2005->Configuration Tools-> SQL Server Surface Area Configuration)

Change the “Remote Connection” option, as shown below:

Reboot the computer or restart MSSQL manually.
Check TCP/IP options
Run “SQL Server Configuration Manager” from start menu.

(Programs->Microsoft SQL Server 2005->Configuration Tools->SQL Server Configuration Manager)

Right-click on TCP/IP, then click on Properties.
Set options similar to screen shown below (replace only IP with yours).
### TCP/IP Properties

<table>
<thead>
<tr>
<th>Protocol</th>
<th>IP Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP1</td>
<td></td>
</tr>
<tr>
<td>Active</td>
<td>Yes</td>
</tr>
<tr>
<td>Enabled</td>
<td>Yes</td>
</tr>
<tr>
<td>IP Address</td>
<td>192.168.0.240</td>
</tr>
<tr>
<td>TCP Dynamic Ports</td>
<td>1433</td>
</tr>
<tr>
<td>IP2</td>
<td></td>
</tr>
<tr>
<td>Active</td>
<td>Yes</td>
</tr>
<tr>
<td>Enabled</td>
<td>No</td>
</tr>
<tr>
<td>IP Address</td>
<td>127.0.0.1</td>
</tr>
<tr>
<td>TCP Dynamic Ports</td>
<td>1433</td>
</tr>
<tr>
<td>IPAll</td>
<td></td>
</tr>
<tr>
<td>TCP Dynamic Ports</td>
<td>1433</td>
</tr>
<tr>
<td>TCP Port</td>
<td>1433</td>
</tr>
</tbody>
</table>

**Enabled**

Enable or disable the IP address