

# 64 bit Pro-Watch Servers

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## Overview

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This document describes the proper procedure to follow when using a 64 bit Pro-Watch Server. One procedure is required for the Pro-Watch Application Server and a separate procedure is required for the Pro-Watch Database Server.

NOTE: Failure to complete the following procedures will result in the Pro-Watch system experiencing unintended issues such as devices not unmasking after a timed mask command.

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## Pro-Watch 64 bit Application Server

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1. Insert Pro-Watch 3.8 Disk 1 into the Pro-Watch Application Server.
2. Browse to the Disk1\64-bit updates to Server\64-bit Enterprise Manager Fix\SQL 2005 Backwards Compatibility\x64 Package directory on the Pro-Watch 3.8 Disk 1.
3. Double click the SQLServer2005\_BC.msi file to install the Microsoft SQL Server 2005 backwards compatibility.



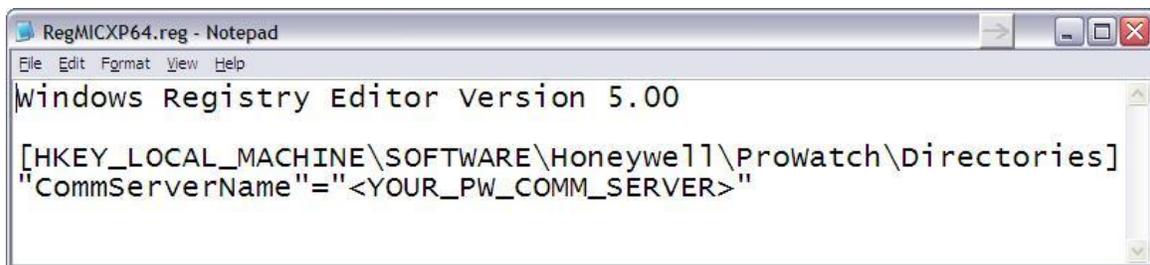
4. Click next to begin and complete the installation.
5. Browse to the Disk 1\64-bit updates to Server\64-bit Registry Update directory on the Pro-Watch 3.8 Disk 1.

6. Copy RegMICXP64.reg to the local machine.



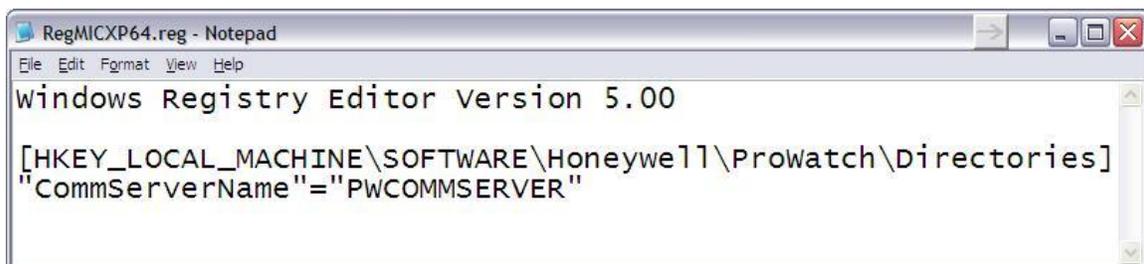
7. Open RegMICXP64.reg file in Notepad.exe (NOTE: DON'T DOUBLE CLICK on RegMICXP64.reg. Right click and choose open with > notepad.)
8. Replace <YOUR\_PW\_COMM\_SERVER> with the Pro-Watch application server name. In the example below PWCOMMSERVER is the name of the Pro-Watch Application Server.

a. Before:



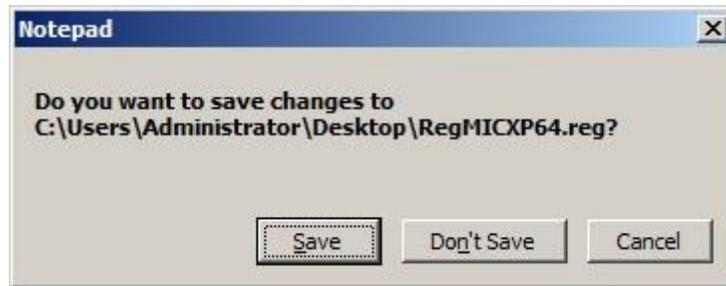
```
RegMICXP64.reg - Notepad
File Edit Format View Help
Windows Registry Editor Version 5.00
[HKEY_LOCAL_MACHINE\SOFTWARE\Honeywell\Prowatch\Directories]
"CommServerName"="<YOUR_PW_COMM_SERVER>"
```

b. After:

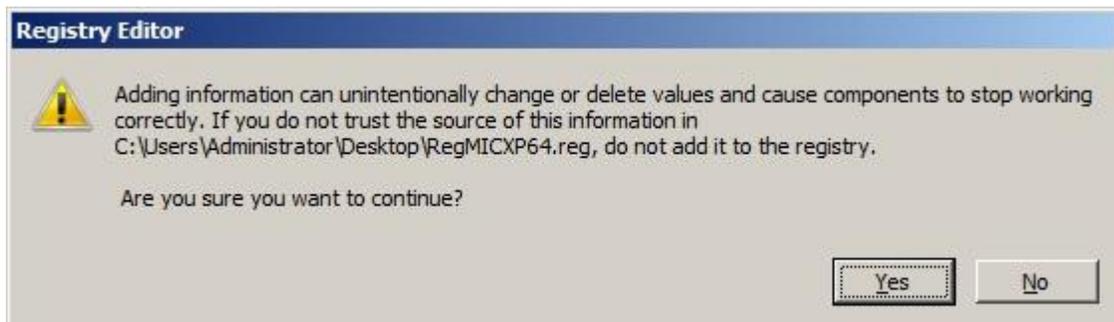


```
RegMICXP64.reg - Notepad
File Edit Format View Help
Windows Registry Editor Version 5.00
[HKEY_LOCAL_MACHINE\SOFTWARE\Honeywell\Prowatch\Directories]
"CommServerName"="PWCOMMSERVER"
```

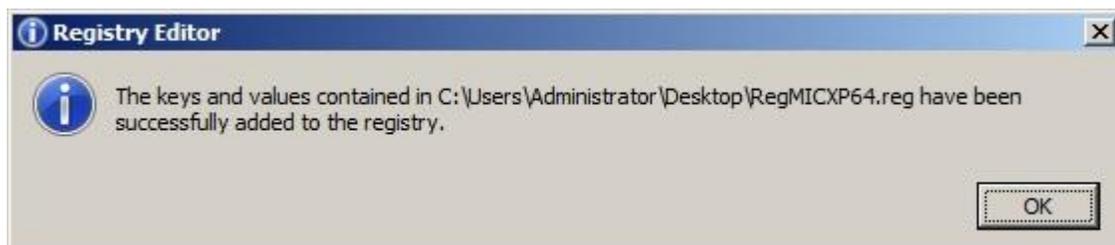
9. Save RegMICXP64.reg



10. Double click on the RegMICXP64.reg file and select 'Yes' when prompted.



11. This completes the updates required for a 64 bit Pro-Watch Application Server.



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## Pro-Watch 64 bit Database Server

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1. Browse to the Pro-Watch scripts directory on the Pro-Watch Application Server.
  - a. The default location is C:\Program Files (x86)\ProWatch\Scripts
2. Copy the MICXP.sql file.



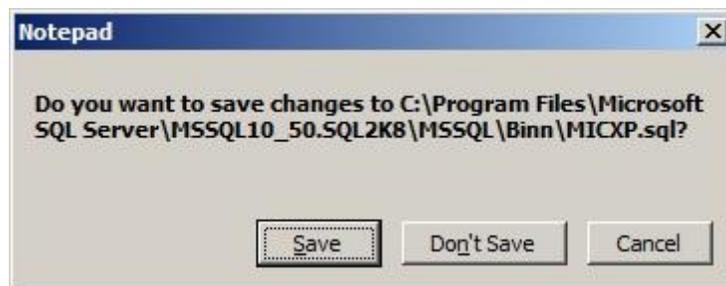
3. Paste the MICXP.sql file into the SQL binn directory on the Pro-Watch Database Server.
  - a. The default location is C:\Program Files\Microsoft SQL Server\MSSQL10\MSSQL\Binn
4. Right click on the MICXP.sql file and choose open with > notepad.
5. Go to Edit > replace and enter the following:
  - a. Find What: MICXP.dll
  - b. Replace with: MICXP64.dll



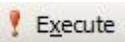
6. Click the Replace All button.
7. To ensure all records were update click the Find Next button and ensure no more records of MICXP.dll can be found.



8. Save the MICXP.sql file.



9. Double click on the MICXP.sql file to open the query in Microsoft SQL Management Studio.

10. Click the Execute button from the top menu bar to run the query. 

11. Insert Pro-Watch 3.8 Disk 1 into the Pro-Watch Database Server.
12. Browse to the Disk1\64-bit updates to Server\64-bit Enterprise Manager Fix\SQL 2005 Backwards Compatibility\x64 Package directory on the Pro-Watch 3.8 Disk 1.
13. Double click the SQLServer2005\_BC.msi file to install the Microsoft SQL Server 2005 backwards compatibility.

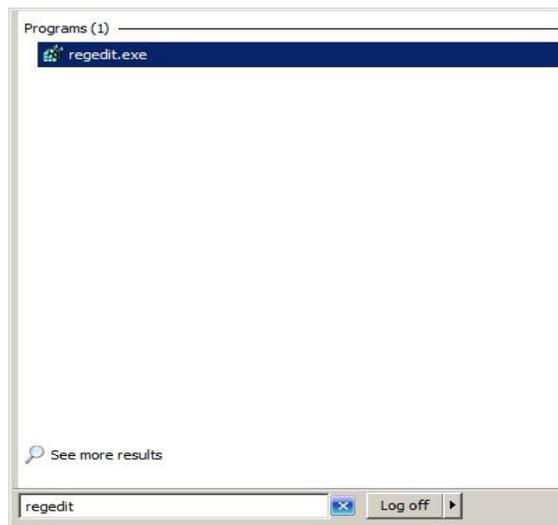


14. Click next to begin and complete the installation.
15. This completes the updates required for a 64 bit Pro-Watch Database Server.

## Troubleshooting

To verify the Pro-Watch Application Server was updated properly:

1. From within the Windows run menu on the Pro-Watch Application server type regedit.



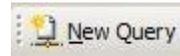
2. Browse to the HKEY\_LOCAL\_MACHINE\Software\Honeywell\ProWatch\Directories key.
3. Ensure that the CommServerName value exists and has the correct Pro-Watch Application Server name.



To verify the Pro-Watch Database Server was updated properly:

1. Go to Start > All Programs > Microsoft SQL Server > SQL Server Management Studio.

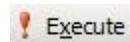
2. Click the New Query button from the top menu.



3. Type the following:
  - a. `exec sp_helpextendedproc 'xp_mic_genevent'`

```
exec sp_helpextendedproc 'xp_mic_genevent'
```

4. Click the Execute button from the top menu bar to run the query.



5. Ensure that the results of the query are pointing to the MICXP64.dll and not the MICXP.dll.

- a. Correct:

	name	dll
1	xp_mic_genevent	micxp64.dll

- b. Incorrect:

	name	dll
1	xp_mic_genevent	C:\Program Files\ProWatch\bin\micxp.dll

6. Repeat steps 4 and 5 with the following command:

- a. `exec sp_helpextendedproc 'xp_mic_hp'`

```
exec sp_helpextendedproc 'xp_mic_hp'
```