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Introduction

In some cases, InTouch is installed on a machine without Microsoft SQL Server. When SQL Server is not installed in the machine where you are installing InTouch, InTouch installs SQL Server Express. You can also install SQL Server Express manually.

The InTouch Alarm DB Logger requires a SQL-Authenticated connection. However, by default, SQL Server Express does not enable the **SQL Server and Windows Authentication mode**. This option must be configured manually after the installation.

Note: If SQL Server is already installed, InTouch's Alarm DB Logger will make use of it.

When InTouch installs SQL Server Express, complete the following steps to turn on **SQL Server and Windows Authentication mode** and enable the **sa** account.

See Tech Note 892G Ändern der Microsoft SQL Server 2008 Express Serverauthentifizierung nach InTouch 2012 Installation for the German version.

Application Versions

- Microsoft SQL Server Express 2008
- Wonderware InTouch 2012

Procedure

- 1. Download and install the x86 version of SQL Server 2008 Management Studio Express from http://www.microsoft.com/download/en/details.aspx?id=7593.
- 2. Start after successful installation the SQL Server Management Studio.



FIGURE 1: START SQL SERVER MANAGEMENT STUDIO

3. Login to SQL Server.



FIGURE 2: LOGIN WINDOW

4. Open the Server Properties by right-clicking it and clicking Properties.



FIGURE 3: SQL SERVER PROPERTIES

5. Change the Server authentication setting on the Security Page to SQL Server and Windows Authentication mode and click OK.

| Server Properties - WIN-81ID | |
|---|---|
| Select a page | Script 🝷 📑 Help |
| Memory Processors Security Connections Database Settings Advanced Permissions | Server authentication Windows Authentication mode Image: Solution auditing Image: None Image: Failed logins only Image: Successful logins only Image: Both failed and successful logins Server proxy account Image: Enable server proxy account |
| Connection | Password |
| Server: WIN-81ID4OBIN3O | Options |
| Connection: WIN-81ID4OBIN30\Administrator Wiew connection properties | Enable C2 audit tracing Cross database ownership chaining |
| Progress | |
| Ready | |
| | OK Cancel |

FIGURE 4: CHANGE TO SQL SERVER AND WINDOWS AUTHENTICATION MODE

At the Server root, Security/Logins/sa is disabled (red arrow).



FIGURE 5: SA LOGIN IS DISABLED

6. Right-click sa and click Properties.



FIGURE 6: SA PROPERTIES

7. Set a new Password for the sa User in the **General** page (Figure 7 below).

| Select a page | 🔄 Script 🔻 📑 Help | | | |
|--|--|-------------------|----------|----------------|
| Server Roles User Mapping Status | Login name: Windows authentication SQL Server authentication Password: Confirm password: Specify old password Old password: Enforce password policy Enforce password expirat User must change password Mapped to certificate | sa | | <u>Se</u> arch |
| | Mapped to asymmetric key | | | * |
| Connection | Map to Credential | | | ▼ <u>A</u> dd |
| Server: WIN-81ID4OBIN3O Connection: WIN-81ID4OBIN3O\Administrator | Mapped Credentials | Credential | Provider | |
| View connection properties | | | | |
| Progress | | | | Remove |
| Ready | Default <u>d</u> atabase: Default language: | master English | | • |

FIGURE 7: SET UP A PASSWORD FOR SA

8. Click Status and Enable the Login (Figure 8 below).

Configuring Microsoft SQL Server 2008 Express Server Authentication for Use with InTouch Alarm DB Logger

| Login Properties - sa | |
|--|---|
| Select a page General Server Roles User Mapping Status | Script Help Settings Permission to connect to database engine: Grant Deny Login: Disabled Status SQL Server authentication: Login is locked out |
| Connection | |
| Server: WIN-81ID4OBIN3O Connection: WIN-81ID4OBIN3O\Administrator Wiew connection properties | |
| Progress | |
| Ready | |
| | OK Cancel |



- 9. Right-click sa and click Refresh.
- 10. Restart the SQL Server by right-clicking it, then clicking Restart.
- 11. Start Alarm DB Logger Manager and configure it (Figure 9 below). In User Info enter the username **sa** and the previously defined password. Click **Test Connection** to validate the configuration.

| | Number of alarm records in Smart Cache : 0 Stop |
|----|---|
| AI | arm DB Logger Manager - Configuration |
| | SQL Server/MSDE Server Name (local) - Database WWALMDB |
| | User Info Logging Mode User Name sa O Detailed Password •••••• O Consolidated |
| - | Test Connection Create Delete Database |
| | < Back Next > Cancel Help |

file:///Cl/inetpub/wwwroot/t002699/t002699.htm[11/14/2012 9:31:52 AM]



FIGURE 9: CONFIGURE ALARM DB USING ALARM DB MANAGER

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