

Tech note

Migrate from MSDE to SQL Server 2008 R2 Express

SafeCom G3 version S82 070.410*07 is the last version that can function with MSDE. Newer versions of SafeCom G3 use the BLOB data type and this is not supported by MSDE and SQL Server 2000. In the following it is described how to migrate from MSDE to SQL Server 2008 R2 Express.

Note: *This document is confidential and subject to change without prior notice. The same goes for the content and structure of the SafeCom databases.*

1.1 Introduction

If you need to upgrade your SafeCom G3 installation from version S82 070.410*07 or older, you need to be aware that newer versions of SafeCom G3 *no longer* support use of MSDE. Instead you need to migrate from MSDE to SQL Server 2008 R2 Express.

The migration tool is a tool that:

- Creates a backup of the MSDE database
- Installs SQL Server 2008 R2 Express
- Restores the database in the same location as where the MSDE database was located

1.2 Requirements

The tool creates a backup of the MSDE database and then it restores it in the SQL 2008 database and it does *not* delete any database files automatically. This means that the database is stored three times on the server.

The maximum space needed on the server could therefore be up to 7 GB depending on the size of the database. If less is available, you need to determine the size of the MSDE database and based on that, verify if there is enough space.

Note: *Please contact SafeCom Support if you need to run the tool on a cluster server.*

1.3 Run the migration tool

The tool must be run on the SafeCom servers *before* upgrading to SafeCom G3 S82 070.420*06. In a multi server installation, the migration tool should only be run on the slave servers.

The time it takes to run the tool depends on the size of the database and the power of the server. But take into consideration that the installation of the SQL Server 2008 R2 Express alone takes approximately 10 minutes to install.

To run the migration tool:

1. Download the file `scUpgradeMSDEToExpress.exe` from www.safecom.eu/insite
2. Execute the file and make sure to select **Run as Administrator**.
3. The **Setup** wizard opens, click **Next**.
4. Under **Installation options** choose **Advanced installation** if you want to specify where to locate the restored database files. Choose **Default installation** to locate the restored database files in the default location in the SafeCom data catalogue:

```
C:\Program Files\SafeCom\  
SafeCom G3\data
```

On Windows 64-bit:

```
C:\Program Files (x86)\SafeCom\  
SafeCom G3\data
```

5. Click **Next**.
6. Click **Install** and the installation starts.
7. Once the upgrade has been successfully installed, click **Finish**.

After the database has been restored successfully, the original MSDE database can be deleted.