



# SunSystems 4

MSDE Installation Guide

SunSystems MSDE Installation Guide  
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# Introduction

This installation guide is intended to assist a system administrator through the process of installing and configuring SunSystems 4.2.6 for Microsoft's Data Engine (MSDE).

This guide should be used in conjunction with the *SunSystems 4.2.6 SQL Client/Server Platforms* manual, which is also available on the SunSystems CD. Cross references to *SunSystems 4.2.6 SQL Client/Server Platforms* manual are given where necessary.

Prior to performing the SunSystems installation it is recommended that you refer to the following sections in the *SunSystems 4.2.6 Client/Server Platforms* manual:

- *Deploying SunSystems*
- *Hardware and Software Requirements*
- *Installing SunSystems*
- *Upgrading*

# Installing MSDE

MSDE must be installed prior to installing SunSystems.

 *Note: SunSystems 4.2.6 is not shipped with MSDE. For more information on MSDE refer to the Microsoft web site, at [www.microsoft.com](http://www.microsoft.com), or see your Microsoft Office 2000 documentation.*

## MSDE SETTINGS

It is important when installing MSDE that various settings are configured correctly.

MSDE can be installed in one of two ways;

- As a download from the Microsoft web site
- From your Microsoft Office 2000 CD.

The method in which MSDE is installed affects the configuration process.

## Download Installations

- 1 Once the downloaded package has been unzipped several files become available. The settings for the MSDE installation are configured using the unattend.iss file supplied. Edit the unattend.iss file by referring to the table in the subsection *Office 2000 Installations*.
- 2 Once the unattend.iss file has been configured you may install MSDE as detailed in the Readme file, supplied with MSDE.
- 3 After successfully installing MSDE, the machine should be restarted. Restarting the machine configures the MSDE menu options and completes the installation process.
- 4 If you are running Windows 9x, it is recommended that you configure MS SQL Server to re-start when the operating system starts. To do this click Service Manager from the MSDE program menu, select the 'Auto-start service when OS starts' check box, and ensure that MS SQL Server is displayed in the Services box.

- 5 You must now start the MSDE engine. Again, from within the Service Manager, select the MS SQL Server option in the 'Services' box and click Start. It is not necessary to repeat this process as the service will now automatically start when the operating system starts.
- 6 If you are running MSDE on Windows NT the MS SQL Server service is automatically configured to start upon starting the operating system and is therefore already running once you have restarted the system.

## Office 2000 Installations

- 1 After inserting the Microsoft Office 2000 CD-ROM (disc number 1), run the following executable to start the Office 2000 installation of MSDE:

D:\sql\x86\setup\setupsql.exe

(where D:\ represents your CD-ROM drive)

- 2 During the installation process you are prompted for user details, installation destinations and, most importantly the MSDE configuration options. It is advised that you adhere to the following recommendations. In the Character Set/Sort Order/Unicode Collation dialog box, the following settings are advised:

Area	Character Set	Binary Sort Id
Western European	1252/ISO (default)	50
Central European	1250/CP	80
Chinese (traditional)	950/CP	196
Chinese (simplified)	936/CP	198
Japanese	932/CP	192



*Note: For more information on these settings please see the following web address: [www.microsoft.com/TechNet/sql/manuals/intro/part2/75515c02.asp](http://www.microsoft.com/TechNet/sql/manuals/intro/part2/75515c02.asp)*

- 3 Once the installation is complete the machine must be restarted in order to complete the installation process.

Refer to the previous subsection, *Download Installations*, on configuring MSDE to start when your system starts.

## **MICROSOFT DATA ACCESS COMPONENTS (MDAC)**

In order for client machines to communicate with the MSDE engine, Microsoft client components must be installed. These components are installed as part of the Microsoft Data Access Components (MDAC) installation. Information on MDAC releases can be found at:

**[www.microsoft.com/data/default.htm](http://www.microsoft.com/data/default.htm)**

# Installing SunSystems

## SUNSYSTEMS INSTALLATION

- 1 Insert the SunSystems issue media into the CD-ROM drive and the SunSystems installation screen appears. If the menu does not appear, execute the following command from either a command prompt, or use Run from the Windows Start menu:

D:\setup.exe

(where D:\ indicates your CD-ROM drive)

- 2 The installation screen presents you with the following three options:

- SunSystems Installation
- Business Intelligence
- Electronic Manuals

Select SunSystems Installation.

For further information on installing Business Intelligence options see the online documentation provided with SunSystems.

- 3 Select the desired language and then select Install SunSystems.
- 4 Select MSDE - file type “C”.

 **Note:** The installation routine can only create one level of the directory structure, if you specify C:\SUN426, then directory C:\SUN426 is created. However, if you specify C:\APPS\ACCOUNTS\SUN then the C:\APPS\ACCOUNTS directory must already exist.

## Installation Options

Please refer to the *Installation Options* subsection of *Installing SunSystems* in the *SunSystems 4.2.6 SQL Client/Server Platforms* manual as the same options are supported for MSDE as for MS SQL Server 7.0.

It is recommended that you select the first option, Client & Server, as this automates the creation of the MSDE database.

## CREATING THE SUNSYSTEMS DATABASE

This section provides instructions for creating an SQL database for SunSystems. The process includes creating the SQL Server logins, SUN and SSA, required by SunSystems.

 *Note: If the Client & Server option was selected during the installation process the database can be created as part of the installation routine. For more information refer to the MS SQL Server (Client and Server) subsection of *Installing SunSystems in the SunSystems 4.2.6 SQL Client/Server Platforms manual*.*

The installation script file `DEFINEDB.SQL` located in the `_SQL\INSTALL` directory, beneath the SunSystems programs directory can be used to create the SunSystems database manually.

For further information on configuring the `DEFINEDB.SQL` script see the section *Creating the SunSystems Database* in the *SunSystems 4.2.6 SQL Client/Server Platforms manual*. In addition, see *Appendix F: DEFINEDB.SQL Sample Listing* in the *SunSystems 4.2.6 SQL Client/Server Platforms manual* for an example of the script.

### Running `DEFINEDB.SQL`

Assuming you have modified the `DEFINEDB.SQL` file to reflect your system, you are now ready to create the SunSystems database.

Run the following command to create the SunSystems database:

```
osql -U sa -P -i "c:\sun426\sql\install\definedb.sql" -o "c:\sun426\sql\install\sundb.txt"
```

This command needs to be executed on the machine running MSDE. The path, `c:\426`, may need to change to reflect your own installation directory.

The `sundb.txt` file is an output file that can be used to troubleshoot the creation of the database.

 *Note: You must restart the MSDE machine after installation to run the above command successfully.*

# Running SunSystems

The remaining configuration aspects are detailed in the *SunSystems 4.2.6 SQL Client/Server Platforms* manual.

In particular, you should refer to the following sections:

- *Files and Directories*
- *ODBC Configuration*
- *Using SUN.INI*
- *Running SunSystems*
- *SunSystems Graphical Client*
- *Printing from SunSystems*

Additional sections in the *SunSystems 4.2.6 SQL Client/Server Platforms* manual that may be of interest for administering and maintaining the system are:

- *System Security*
- *Troubleshooting Guide*

# Maintenance

Only an experienced SQL Server administrator should attempt SQL backups of the SunSystems database. Therefore, for this MSDE installation, it is recommended that you back up SunSystems data using FB=File Backup/Restore.

Once the SunSystems database has been backed up, the \*.bak files should be either transferred to separate media (tape, zip disk, or CD) or to a separate secure machine.