Inmagic *Content Server* Workgroup 10.00 Microsoft SQL Server 2005 Express Edition Installation Notes

Introduction and Overview

These installation notes are intended for the following scenarios:

- 1) New installations of SQL Server 2005 Express Edition (SQL Server Express)
- 2) Upgrading from Microsoft SQL Server 2000 MSDE Edition (MSDE) to SQL Server Express

Content Server Workgroup v1.3 and earlier used MSDE as its data store. Beginning with *Content Server* Workgroup 10.00, SQL Server Express can be used as its data storage.

For detailed information and troubleshooting assistance, please refer to:

- 1) Inmagic Knowledgebase article 2842 (http://support.inmagic.com/supbase3.htm)
- The SQL Server 2005 Express Edition README (<u>http://support.microsoft.com/default.aspx?scid=kb;en-us;910229</u>)

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Steps for a New Installation of SQL Server Express

If this is a new installation of *Content Server* Workgroup 10.00 or later and SQL Server 2005 Express Edition, review and follow these steps:

- □ Review the <u>System Requirements</u>
- □ Install New Instance of SQL Server 2005 Express Edition
- □ Configure the New SQL Server 2005 Express Instance
- Install SQL Server Management Studio Express (Optional)

The complete installation should take about 30 minutes. Please note that the installation of the .NET Framework 2.0 can additionally take up to 10 minutes.

Steps for Upgrading an Existing *Content Server* MSDE to SQL Server Express

If you are upgrading an existing installation and want to upgrade your SQL Server 2000 MSDE to SQL Server 2005 Express Edition, review and follow these steps:

- Upgrade to Content Server Workgroup 10.00 BEFORE upgrading MSDE to SQL Server Express. Note that Content Server Workgroup 10.00 works with either MSDE or SQL Server Express. Earlier versions of Content Server ONLY work with MSDE. Therefore, upgrade to Content Server Workgroup 10.00 and verify connectivity with the existing MSDE database before proceeding to upgrade MSDE to SQL Server Express.
- □ Review the <u>System Requirements</u>
- Backup your textbases using the *Content Server* v10.00 Administration program
- □ Know your MSDE System Administrator (sa) password.

NOTE: If you do not remember your Username and Password, please speak to your IT administrator or contact Inmagic Technical Support.

- Upgrade Microsoft SQL Server 2000 MSDE Edition to SQL Server 2005 Express Edition
- Install SQL Server Management Studio Express (Optional)

The complete upgrade should take about 30 minutes. Please note that the installation of the .NET Framework 2.0 can additionally take up to 10 minutes.

System Requirements

Minimum Hardware Requirements and Supported Operating Systems

- **Processor:** PC with a 600-MHz Pentium III-compatible or faster processor. 1.0 GHz processor or faster is recommended.
- RAM: 256 MB RAM or more. 512 MB or more is recommended.
- **Hard-disk space:** 350 MB hard-disk space for the recommended installation. Additional hard-disk space is required for *Content Server* SQL databases.
- Supported Operating Systems:
 - Windows XP with SP2 or later
 - Windows 2000 Professional with SP4
 - Windows 2000 Server with SP4 or later
 - Windows Server 2003 with SP1 or later

Required Software

- Microsoft Internet Explorer 6.0 SP1 or later (prerequisite for .NET Framework and SQL Server Express).
- Microsoft Window Installer 3.1 must already be installed (prerequisite for .NET Framework and SQL Server Express).
- Microsoft Data Access Components (MDAC) 2.8 SP1 or later. You can download MDAC 2.8 SP1 from this <u>Microsoft Web site</u>.
- Microsoft .NET Framework 2.0. You do not need to download .NET Framework 2.0 from Microsoft's Web site. Once you start to install SQL Server 2005 Express, the setup program will prompt you with this requirement and install it for you, if needed.

Install New Instance of SQL 2005 Express Edition

Installation CD or Electronic Download

Insert the SQL 2005 Express Edition CD-ROM into the drive. The InstallShield Wizard should automatically start. If not, from the Windows Start menu, choose Run. On the Run dialog box, type the CD-ROM drive letter followed by the SETUP command (for example, D:\SETUP.EXE)

If installing from the electronic download, download and unzip to a temporary folder. Navigate to that folder and double-click setup.exe. The InstallShield Wizard will begin.

1. Installation Options

Select the option Install SQL Server 2005 Express Edition. Click Next to continue.

Inmagic CS SQL Server Express - InstallShield Wizard	×
Installation Options	
Select the SQL option you wish to install and click the Next button.	
 Install SQL Server 2005 Express Edition Install SQL Server Management Studio Express 	
Installbhield	<u> </u>

2. .NET Framework 2.0 Setup

If the InstallShield Wizard detects that the Microsoft .NET Framework 2.0 is not installed, the following pop-up will prompt you to install it. Click **Yes** to install the necessary .NET Framework 2.0 files or **No** to cancel the installation.

Question	×
2	Setup has detected that Microsoft .NET Framework 2.0 is not installed. You must first install .NET Framework 2.0 before SQL Express can be installed.
	Would you like Setup to install .NET Framework 2.0?
	<u>Yes</u> <u>N</u> o

If you click **Yes**, the .NET Framework 2.0 Setup will appear onscreen.

Click Next to continue.

Read and accept the terms of the license agreement, then click the **Install** button.

When all required .NET Framework 2.0 files have been successfully installed, click Finish.

The screen below will prompt you to continue installing SQL Express.

Click Yes to continue or No to cancel the installation.

At this point, if you click **No**, Microsoft .NET Framework 2.0 will not be removed. If you would like to remove it, go to Add/Remove Programs and remove Microsoft .NET Framework 2.0.

Question	
?	You have finished installing Microsoft .NET Framework 2.0. Would you like Setup to continue installing Microsoft SQL Express?
	<u>⊻es</u> <u>N</u> o

3. If you click **Yes**, the InstallShield Wizard will extract the files and begin the Microsoft SQL Server Express 2005 Setup.

4. End User License Agreement

Click the check box to accept the Microsoft license agreement. This will enable the **Next** button. Click **Next** to continue or **Cancel** to cancel the installation. You can also print the license agreement from this screen.

💹 Microsoft SQL Server 2005 Setup	×
End User License Agreement	
MICROSOFT SOFTWARE LICENSE TERMS	
MICROSOFT SQL SERVER 2005 EXPRESS EDITION	
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to Microsoft	any
* updates,	
* supplements,	
* Internet-based services, and	
* support services	-
I accept the licensing terms and conditions	
Print Next >	Cancel

5. Installing Prerequisites

Click the **Install** button to continue installing the required SQL Server components. When the prerequisites installation is finished, click **Install** to continue.



6. Once the prerequisites are installed, the **Microsoft SQL Server 2005 Setup** will indicate the 'The required components were installed successfully', click **Next** to continue.

Consult with your IT administrator if errors are encountered.

_	Server.	4
	SQL Server Component Update will install the following components required for SQL Server Setup:	~
	 Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files 	
	The required components were installed successfully.	
	n e Broad (2004) (Constant of Constant of Const	
		~

7. After a short system scan, the **Microsoft SQL Server Installation Wizard** will start. Click **Next** to continue.



8. System Configuration Check

The Microsoft SQL Server Installation Wizard checks your system for potential installation problems. If it encounters any, the **Status** and **Message** columns will provide feedback for further action, if necessary. When all system checks are complete, click **Next** to continue.

Note: A **Warning** status message will generally allow the SQL Express Setup to continue. **Error** messages always require that you exit SQL Express Setup to correct the error. If **Error** is listed in the **Status** column, you should view the **Messages** link for more information and then click the **Exit** button. You will need to correct the error before you can continue with the install process.

Consult with your IT administrator if errors are encountered.

得 Mic	rosoft SQL Server 2005 Setup		×
Sys V	tem Configuration Check Vait while the system is checked for poten roblems.	tial installation	
	Success	12 Total 11 Success	0 Error 1 Warning
<u>D</u> eta	ails:		
	Action	Status	Message 🔺
	WMI Service Requirement	Success	
0	MSXML Requirement	Success	
0	Operating System Minimum Level Req	Success	
0	Operating System Service Pack Level	Success	
0	SQL Server Edition Operating System	Success	
4	Minimum Hardware Requirement	Warning	Messages
0	Pending Reboot Requirement	Success	
0	Default Installation Path Permission Re	Success	
	Internet Explorer Requirement	Success	•
	Fil <u>t</u> er ▼	<u>S</u> top	<u>R</u> eport •
	Help		Next >

9. Registration Information

Enter your Name and Company in the fields provided.

Optionally, you may choose to Hide or Show the advanced configuration options. The default is **Hide** advanced configuration options.

If you wish to change any of these default values, uncheck **Hide advanced configuration options**. This will allow you to change the default settings for Instance Name, Service Account, User Instances and Collation.

Note: We recommend that you use the default values if this is a <u>new</u> installation of SQL Express.

Click Next to continue.

🙀 Microsoft SQL Server 2005 Express Edition Setup	×
Registration Information The following information will personalize your installation.	
The Name field must be filled in prior to proceeding. The Company field is optional.	
Name:	
Inmagic	
✓ Hige advanced configuration options	
	_
Help < <u>B</u> ack <u>N</u> ext > Cancel	

10. Feature Selection

By default, only Database Services is selected. Client Components are not used by *Content Server*. We recommend that you accept the default feature selection. You can optionally change the Installation path by clicking the **Browse** button. The **Disk Cost** button will display current disk usage as well as how much disk space is needed to install your chosen features. Click **Next** to continue.

🔂 Microsoft SQL Server 2005 Express Edition Se	tup 🔀
Feature Selection Select the program features you want installed.	
Click an icon in the following list to change how a featur	e is installed.
Client Components Client Components Connectivity Components Software Development Kit	Feature description Installs the SQL Server Database Engine, tools for managing relational and XML data, and replication.
	This feature requires 119 MB on your hard drive. It has 2 of 3 subfeatures selected. The subfeatures require 99 MB on your hard drive.
Installation path c:\Program Files\Microsoft SQL Server\	Browse
	<u>D</u> isk Cost
<u>H</u> elp < <u>B</u> ack	Next > Cancel

11. Instance Name

If you unchecked **Hide advanced configuration options** in the Registration Information dialog box in step 10, you will see the Instance Name screen. By default, SQL Server Express uses **SQLExpress** for Instance Name. We recommend that you do not change this to enable easier troubleshooting and future upgrades. Click **Next** to continue.

🕼 Microsoft SQL Server 2005 Express Edition Setup	
Instance Name You can install a default instance or you can specify a named instance.	
Provide a name for the instance. For a default installation, click Default instance and click Next. To upgrade an existing default instance, click Default instance. To upgrade an existing named instance select Named instance and specify the instance name.	
Default instance Named instance	Click Here
SQLExpress	/
To view a list of existing instances and components click on Installed instances.	
Help < Back Next > Cancel	

12. Service Account

If you unchecked the **Hide advanced configuration options** in the Registration Information dialog box in step 10, you will see the Service Account screen. We recommend that you do not change these default built-in System account unless required by your IT administrator. *Content Server* Workgroup v10.00 uses the default settings (shown below). Click **Next** to continue.

Service:	SQL Server	
⊙ Use the built-in System account	Network service	~
OUse a domain user account		
∐sername:		
Eassword:		
Domain:		
tart services at the end of setup		
SQL Server		

13. Authentication Mode

Content Server Workgroup only supports SQL Authentication. Therefore, select Mixed Mode.

Create a password for the SQL System Administrator (sa) account. Use a strong password of sufficient length with a mix of character types. Store this password. It will be needed to administer the SQL Server Express database and is required for future upgrades. Click **Next** to continue.

uthentication Mode The authentication mode specifies the security used when connecting to SOL Server.	
Select the authentication mode to use for this installation.	Select "Mixed Moo
 Windows Authentication Mode Mixed Mode (Windows Authentication and SQL Server Authentication) 	
Specify the sa logon password below:	
Specify the sa logon password below: Enter password:	
Specify the sa logon password below: Enter password: [Confirm gassword:	
Specify the sa logon password below: Enter password: Confirm gassword:	

14. Collation Settings

If you unchecked the **Hide advanced configuration options** in the Registration Information dialog box in step 10, you will see the Collation Settings screen. We recommend using the default SQL collation.

If you encounter issues with sorting, please refer back to the Collation Setting selected at this time to help troubleshoot the problem. Additionally, Microsoft provides further detail regarding these collations (<u>http://msdn2.microsoft.com/en-US/library/ms143311.aspx</u>). Click **Next** to continue.

Aicrosoft SQL Server 2005 Exp	oress Edition Setup
Illation Settings Collation settings define the sorting b	behavior for your server.
llation settings for service: SQL Server	,
Collation designator and sort order:	
Latin1_General	×
Binary	Binary - code point
Case - sensitive	Kana - sensitive
Accent - sensitive	Width - sensitive
SQL collations (used for compatibilit Binary order based on code point con Strict compatibility with version 1.x or Dictionary order, case-insensitive, for Dictionary order, case-insensitive, for	y with previous versions of SQL Server) mparison, for use with the 850 (Multilingual ase-insensitive databases, for use with the use with 1252 Character Set.
Dictionary order, case-insensitive un	popercase preference, for use with 1252 ch

15. User Instances

If you unchecked the **Hide advanced configuration options** in the Registration Information dialog box in step 10, you will see the User Instances screen. Please refer to the **Help** provided. We recommend that you leave **Enable User Instances** checked. Click **Next** to continue.

명 Microsoft SQL Server 2005 Express Edition Setup	×
User Instances Configure Run As Normal User mode.	3
Allow users who do not have administrator privileges to run a separate instance of the Database Engine.	
Enable User Instances	
Lig .	
Help < Back Next > Canc	el

16. Error and Usage Report Settings

If you wish to send error and/or usage reports to Microsoft, optionally select or deselect the items listed. The default is unchecked. Click **Next** to continue.

🙀 Microsoft SQL Server 2005 Express Edition Setup	x
Error and Usage Report Settings Help Microsoft improve some of the SQL Server 2005 components and services.	
Automatically send Error reports for SQL Server 2005 to Microsoft or your corporate error reporting server. Error reports include information regarding the condition of SQL Server 2005 when an error occurred, your hardware configuration and other data. Error reports may unintentionally include personal information, which will not be used by Microsoft.	
Automatically send Eeature Usage data for SQL Server 2005 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use ou software and services.	r
By installing Microsoft SQL Server 2005, SQL Server and its components will be configured to automatically send fatal service error reports to Microsoft or a Corporate Error Reporting Server. Microsoft uses error reports to improve SQL Server functionality, and treats all information as confidential.	
Help < Back Next > Cancel	

17. Ready to Install

Microsoft SQL Server Installation Wizard now has enough information to start copying the program files to your hard disk. To change any of your installation settings, click **Back**. Click the **Install** button to continue installing Microsoft SQL Server Express.

🙀 Microsoft SQL Serve	er 2005 Express Edition Setup	×
Ready to Install Setup is ready to begin	n installation.	
Setup has enough infor change any of your inst	mation to start copying the program files. To proceed, click :allation settings, click Back. To exit setup, click Cancel.	Install. To
The following con • SQL Server (Database Service:	mponents will be installed: [•] Database Services s)	
	I	
Help	< Back Install Car	ncel

18. Setup Progress

As each SQL Server component finishes, it will appear in the Status column.

🐱 Microsoft SQL Server 2005 Setup	×	
Setup Progress The selected components are being configured		
Deaduct	Shahur	
	Status	
MSXML6	Setup finished	
SQL Setup Support Files	Setup Finished	
	Setup rinished	
SOL Server Database Services	Setup finished	
Help	<< Back Next >> Cancel	

When Setup is finished, the Next button will be enabled. Click Next to continue.

TROUBLESHOOTING:

There is a known Microsoft bug which may cause the existing SQL Native Client installation setup to fail (<u>http://support.microsoft.com/default.aspx?scid=kb;en-us;910229</u>).

To fix this problem:

- 1) Exit the installation
- 2) Uninstall SQL Native Client by using Add or Remove Programs
- 3) Run setup again

19. Completing Microsoft SQL Server 2005 Setup

You have completed the section, Install New Instance of SQL Server 2005 Express Edition. Click Finish.



20. The Inmagic Installation Wizard will be displayed next.

Before electing to install of the SQL Server Management Studio Express (installation is optional and not required for *Content Server*), complete the installation of the SQL Server Express by configuring your Microsoft SQL Server 2005 Express Instance. Go to <u>Configure the New SQL Server 2005 Express</u> Instance on the next page to complete your new installation of SQL Server Express.

Once you have completed the configuration, proceed with installing the <u>SQL Server Management Studio</u> <u>Express</u>, if desired, or click **Exit**.

Inmagic CS SQL Server Express - InstallShield Wizard	×
Installation Options	N
Select the SQL option you wish to install and click the Next button.	
Install SQL Server 2005 Express Edition	
 Install SQL Server Management Studio Express 	J.
InstallShield Next >	Exit

Configure a New SQL Server 2005 Express Instance

To complete your new installation of SQL Server Express, it must be configured to work with *Content Server* Workgroup. The following steps are required to complete this configuration:

- □ <u>SQL Server Surface Area Configuration</u>
- SQL Server Configuration Manager

SQL Server Surface Area Configuration

This configuration will set whether SQL Server Express should start up automatically or require manual startup. *Content Server* Workgroup requires that SQL Server Express be automatically started.

- 1. Click Start>All Programs>Microsoft SQL Server 2005>Configuration Tools>SQL Server Surface Area Configuration.
- 2. Click Surface Area Configuration for Services and Connections as noted below.



3. Highlight **SQL Server Browser** in the left window. From the **Startup Type** pull down on the right, select **Automatic**. Then, click **OK** to close the dialog box. Close **Surface Area Configuration**.

📲 Surface Area Configuration for Serv	ices and Connections	- localhost 🔀			
SQL Server 2005 Surface Area Configuration					
Enable only the services and connection types used by your applications. Disabling unused services and connections helps protect your server by reducing the surface area. For default settings, see <u>Help</u> .					
 SOLEXPRESS Database Engine Service Remote Connections SQL Server Browser Service 	This service returns nar this service is recomment Sgrvice name: Display name: Desgription: Startup type: Service status: <u>Start</u>	ned pipe and TCP port information to client applications. Enabling inded for Analysis Services. SQL Server Browser SQL Server Browser Provides SQL Server connection information to client computers.			
	[OK Cancel <u>Apply</u> <u>H</u> elp			

SQL Server Configuration Manager

This configuration sets the necessary protocols (TCP/IP) and remote connectivity from another server.

- 1. Click Start>All Programs>Microsoft SQL Server 2005>Configuration Tools>SQL Server Configuration Manager.
- 2. Expand SQL Server 2005 Network Configuration and highlight Protocols for SQLEXPRESS. Enable TCP/IP protocol as show below.



- 3. Click SQL Server 2005 Services on the same screen.
- 4. Right click on SQL Server Browser and if the State column indicates Stopped, click Start.

This allows a remote machine to access SQL Server Express by using an instance name (for example: MachineName\ SQLExpress).



5. Right click on SQL Server (SQLEXPRESS) and click Restart.

🛐 SQL Server Configuration Manager						_ 8 :
Eile Action View Help						
1 SQL Server Configuration Manager (Local)	me	State	Start Mode	Log On As	Process ID	Service Type
SQL Server 2005 Services	ISQL Server Browser	Running	Automatic	NT AUTHORITY NetworkService	3596	SQL Browser
E J. SQL Server 2005 Network Configuration	SQL Server (SQLEXPRESS)	Running	Automatic	NT AUTHORITY\NetworkService	2224	SQL Server
Generation			Stop			
E g ste name campa daar			Pause			
			Resume			
			Restart			
			Propert	ies		
			Help			
			Teh			
▲						
Restart (stop and then start) selected service.						
🛃 Start 🛛 🚱 🧑		2	Windows Explorer +	🚾 C:\WINDOWS\system3	😚 SQL Server Cor	ifigur 📃 🧿 11:17 AM

Close the SQL Server Configuration Manager.

- 6. SQL Server Express configuration is now complete.
- 7. The next step is to install *Content Server* Workgroup v10.00. Refer to the *Content Server* Workgroup v10.00 Installation notes for instruction on how to proceed. These installation notes are available from the *Content Server* Workgroup v10.00 distribution CD or electronic download as well as from the Inmagic website (http://support.inmagic.com/Web/default.htm).

Upgrade MSDE to SQL Server 2005 Express Edition

The following set of instructions enables you to upgrade your *Content Server* MSDE to SQL Server 2005 Express Edition.

IMPORTANT:

Back up all existing MSDE databases/textbases before attempting to upgrade. You may back up your databases/textbases through the Content Sever v10.00 Administration program.

Upgrade to Content Server Workgroup v10.00 BEFORE upgrading MSDE to SQL Server Express.

Note that Content Server Workgroup v10.00 works with either MSDE or SQL Server Express.

Earlier versions of *Content Server* Workgroup ONLY work with MSDE. Therefore, upgrade to *Content Server* Workgroup v10.00 and verify connectivity with the existing MSDE database before proceeding to upgrade MSDE to SQL Server Express.

Installation CD or Electronic Download

Insert the SQL 2005 Express Edition CD-ROM into the drive. The InstallShield Wizard should automatically start. If not, from the Windows Start menu, choose Run. On the Run dialog box, type the CD-ROM drive letter followed by the SETUP command (for example, D:\SETUP.EXE).

If installing from the electronic download, download and unzip to a temporary folder. Navigate to that folder and double-click setup.exe. The InstallShield Wizard will begin.

1. Installation Options

Select the option Install SQL Server 2005 Express Edition. Click Next to continue.

Inmagic CS SQL Server Express - InstallShield Wizard	×
Installation Options	
Select the SQL option you wish to install and click the Next button.	
 Install SQL Server 2005 Express Edition Install SQL Server Management Studio Express 	
InstallShield	<u>E</u> xit

2. .NET Framework 2.0 Setup

If the InstallShield Wizard detects that the Microsoft .NET Framework 2.0 is not installed, the following pop-up will prompt you to install it. Click **Yes** to install the necessary .NET Framework 2.0 files or **No** to cancel the installation.

Question	×
2	Setup has detected that Microsoft .NET Framework 2.0 is not installed. You must first install .NET Framework 2.0 before SQL Express can be installed.
	Would you like Setup to install .NET Framework 2.0?
	<u>Y</u> es <u>N</u> o

If you click Yes, the .NET Framework 2.0 Setup will appear onscreen. Click Next to continue.

Read and accept the terms of the license agreement, then click the **Install** button. When all required .NET Framework 2.0 files have been successfully installed, click **Finish**. The screen below will prompt you to continue installing SQL Express. Click **Yes** to continue or **No** to cancel the installation.

Question	×
?	You have finished installing Microsoft .NET Framework 2.0. Would you like Setup to continue installing Microsoft SQL Express?
	<u>Yes</u> <u>N</u> o

At this point, if you click **No**, Microsoft .NET Framework 2.0 will not be removed. If you would like to remove it, go to Add/Remove Programs and remove Microsoft .NET Framework 2.0.

3. If you click **Yes**, the InstallShield Wizard will extract the files and begin the Microsoft SQL Server Express 2005 Setup.

4. End User License Agreement

Click the checkbox to accept the Microsoft license agreement. This will enable the **Next** button. Click **Next** to continue or **Cancel** to cancel the installation. You can also print the license agreement from this screen.

💹 Microsoft SQL Server 2005 Setup	×
End User License Agreement	
MICROSOFT SOFTWARE LICENSE TERMS	_
MICROSOFT SQL SERVER 2005 EXPRESS EDITION	
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to Microsoft	any
* updates,	
* supplements,	
* Internet-based services, and	
* support services	-
I accept the licensing terms and conditions	
Print Next >	Cancel

5. Installing Prerequisites

Click the **Install** button to continue installing the required SQL Server components. When the installation is finished, click **Next** to continue.

💹 Microsoft SQL Server 2005 Setup	×
Installing Prerequisites Installs software components required prior to installing SQL Server.	
SQL Server Component Update will install the following components required for SQL Server Setup:	<u> </u>
Microsoft SQL Native Client	
Microsoft SQL Server 2005 Setup Support Files	
Click Install to continue.	
	Y
[install]	ncel

6. After a short system scan, the **Microsoft SQL Server Installation Wizard** will start. Click **Next** to continue.



7. System Configuration Check

The Microsoft SQL Server Installation Wizard checks your system for potential installation problems. If it encounters any, the **Status** and **Message** columns will provide feedback for further action, if necessary. When all system checks are complete, click Next to continue.

Note: A **Warning** status message will generally allow the SQL Setup to continue. **Error** messages always require that you exit SQL Setup to correct the error. If **Error** is listed in the **Status** column, you should view the **Messages** link for more information and then click the **Exit** button. You will need to correct the error before you can continue with the install process.

Consult with your IT administrator if errors are encountered.

Sys V P	tem Configuration Check Vait while the system is checked for poten roblems.	tial installation	
0	Success	12 Total 11 Success	0 Error 1 Warning
Details:			
	Action	Status	Message 🖌
0	WMI Service Requirement	Success	
0	MSXML Requirement	Success	
0	Operating System Minimum Level Req	Success	
0	Operating System Service Pack Level	Success	
0	SQL Server Edition Operating System	Success	
۸	Minimum Hardware Requirement	Warning	Messages
0	Pending Reboot Requirement	Success	
0	Default Installation Path Permission Re	Success	
0	Internet Explorer Requirement	Success	
	Fil <u>t</u> er 🔻	<u>S</u> top	<u>R</u> eport

8. Registration Information

Enter your Name and Company in the fields provided.

IMPORTANT! Uncheck **Hide advanced configuration options**. This is necessary to successfully upgrade *Content Server* MSDE to Microsoft SQL Server 2005 Express. Click **Next** to continue.

🙀 Microsoft SQL Server 2005 Express Edition Setup	×
Registration Information The following information will personalize your installation.	
The Name field must be filled in prior to proceeding. The Company field is optional.	
Name:	
Inmagic	
Company:	
Inmagic	
Hide advanced configuration options	
Help < Back Next > Cancel]

9. Feature Selection

By default, only Database Services is selected. Client Components are not used by *Content Server* Workgroup. We recommend that you accept the default feature selection. You can optionally change the **Installation path** by clicking the **Browse** button. The Disk Cost button will display current disk usage as well as how much disk space is needed to install your chosen features. Click **Next** to continue.

🖶 Microsoft SQL Server 2005 Express Edition Set	up X		
Feature Selection Select the program features you want installed.			
Click an icon in the following list to change how a feature is installed.			
Client Components	Feature description Installs the SQL Server Database Engine, tools for managing relational and XML data, and replication.		
	This feature requires 119 MB on your hard drive. It has 2 of 3 subfeatures selected. The subfeatures require 99 MB on your hard drive.		
Installation path c:\Program Files\Microsoft SQL Server\ Browse			
<u>H</u> elp < <u>B</u> ack	Next > Cancel		

10. Instance Name

Click the Installed instances button.

🕼 Microsoft SQL Server 2005 Express Edition Setup	
Instance Name You can install a default instance or you can specify a named instance.	
Provide a name for the instance. For a default installation, click Default instance and click Next. To upgrade an existing default instance, click Default instance. To upgrade an existing named instance select Named instance and specify the instance name.	
Default instance Named instance	Click Here
SQLExpress	/
To view a list of existing instances and components click on Installed instances.	
Help < Back Next > Cancel	

Select the Content Server Workgroup MSDE instance that you are upgrading (for example: ICS_MSDE).

Note that *Content Server* Workgroup v1.3 and earlier MSDE installations assigned ICS_MSDE as the default instance name. Select the instance and click **OK** to close the **Installed instances** dialog box.

alled Insta he list below	ances contains all existing instances and components
stalled on th	s machine.
o view detail: roceed, selec	s for an installed instance, select an instance from the list below. To t the instance name to upgrade and click OK.
	ICS MSDE)
OL Server (
5QL Server (: 5QL Server (:	QLEXPRESS)
5QL Server (5QL Server (SQLEXPRESS)
5QL Server (:	QLEXPRESS)
5QL Server (:	SQLEXPRESS)
Installed Ins	tance Details
Installed Ins Type:	tance Details Microsoft SQL Server 2005 Express Edition (ICS_MSDE) 9.00.1399.06
Installed Ins Type: Version: Edition:	tance Details Microsoft SQL Server 2005 Express Edition (ICS_MSDE) 9.00.1399.06
Installed Ins Type: Version: Edition:	tance Details Microsoft SQL Server 2005 Express Edition (ICS_MSDE) 9.00.1399.06

Your **Named instance** (for example, ICS_MSDE) should then appear on the Instance Name screen. Note that when upgrading MSDE to SQL Server Express, the SQL Server Express instance name will be the **SAME** as the MSDE instance name. It does not change.

Click **Next** to continue.

Phicrosoft SQL Server 2005 Express Edition Setup	×
Instance Name You can install a default instance or you can specify a named instance.	
Provide a name for the instance. For a default installation, click Default instance and o Next. To upgrade an existing default instance, click Default instance. To upgrade an e named instance select Named instance and specify the instance name.	lick existing
Default instance Named instance ICS_MSDE	
To view a list of existing instances and components click on Installed instances.	
Help <a>Eack Car	icel

11. Existing components

On the Existing Components screen, check **SQL Server Database Services 8.00.1100**. This is the official MSDE version name. This will allow you to upgrade the MSDE database engine to version 10.00 (SQL Server 2005 Express).

If the selection is grayed out or not available, you may have a version of MSDE that is not upgradeable via the SQL Express Setup. Refer to the Inmagic Knowledgebase article 2896 for instruction on how to proceed.

Otherwise, click **Next** to continue.

🖟 Microsoft SQL Server 2005 Express Edition Setup
Existing components Components have been found on the machine. Select upgrade options below.
The following components that you chose to install are already installed on the machine. To view a report of available options and alternatives click on Details.
▼ SQL Server Database Services 8.00.1100

12. Upgrade Logon Information

Select the option for **SQL Server Authentication Mode**. *Content Server* Workgroup only supports SQL Server Authentication. Enter the SQL System Administrator (sa) Username and Password for your existing MSDE account. If you do not remember your Username and Password, please speak to your IT administrator or contact Inmagic Technical Support.

Click Next to continue.

🙀 Microsoft SQL Server 2005 Expr	ess Edition Setup	×
Upgrade Logon Information Database account for upgrading.		
The authentication mode specifies the database upgrading.	security used when connecting to SQL Server dur	ing
C Windows Authentication Mode		
⊙ SQL Server Authentication Mod	de	
Enter SQL Server account:		
<u>U</u> sername:		
Password:		
Help	< <u>B</u> ack <u>N</u> ext > Cance	1

13. Analyzing and validating upgrade screens appear with status complete percentages.

14. Service Account

We recommend that you do not change these default built-in System account unless required by your IT administrator. *Content Server* Workgroup v10.00 uses the default settings (shown below). Click **Next** to continue.

Note: The SQL Browser service starts automatically for upgraded installations. It allows remote machines to access SQL Server Express by using the instance name (for example: MachineName\SQLExpress).

Hicrosoft SQL Server 2005 Express Edition Setup		
Service Account Service accounts define which accounts to log in.		
Service:	SQL Browser	
• Use the built-in System account	Network service	•
C Use a domain use <u>r</u> account		
<u>U</u> sername:	NETWORK SERVICE	
Password:		
Domain:	NT AUTHORITY	
Start services at the end of setup		
Help <	Back Next >	Cancel

15. User Instances

We recommend that you use the default information on this screen. Click Next to continue.

🙀 Microsoft SQL Server 2005 Expre	ess Edition Setu	P	×
User Instances Configure Run As Normal User mod	le.		
Allow users who do not have administra Database Engine.	ator privileges to r	un a separate insta	nce of the
Enable User Instances			
Help	< <u>B</u> ack	Next >	Cancel

16. Error and Usage Report Settings

If you wish to send error and/or usage reports to Microsoft, optionally select the items listed. The default is unchecked. Click **Next** to continue.

🙀 Microsoft SQL Server 2005 Express Edi	tion Setup 🛛 🕅		
Error and Usage Report Settings Help Microsoft improve some of the SQL Se and services.	erver 2005 components		
Automatically send Error reports for SQL S error reporting server. Error reports includ Server 2005 when an error occurred, your reports may unintentionally include person- Microsoft.	erver 2005 to Microsoft or your corporate le information regarding the condition of SQL hardware configuration and other data. Error al information, which will not be used by		
Automatically send Eeature Usage data for SQL Server 2005 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use our software and services.			
By installing Microsoft SQL Server 2005, SQL Server and its components will be configured to automatically send fatal service error reports to Microsoft or a Corporate Error Reporting Server. Microsoft uses error reports to improve SQL Server functionality, and treats all information as confidential.			
Help <	Back Next > Cancel		

17. Ready to Install

The Microsoft SQL Server Installation Wizard now has enough information to start copying the program files to your hard disk. To change any of your installation settings, click **Back**. Click the **Install** button to continue installing Microsoft SQL Server Express.

18. Setup Progress

As each SQL Server component finishes, it will appear in the Status column. When finished, the **Next** button will be enabled. Click **Next** to continue.

🔀 Microsoft SQL Server 2005 Setup	×
Setup Progress The selected components are being config	ured
Product	Status
MSXML6	Setup finished
SQL Setup Support Files	Setup finished
SQL Native Client	Setup finished
SQL VSS Writer	Setup finished
SQL Server Database Services	Setup finished
Help	<< Back Next >> Cancel

19. Completing Microsoft SQL Server 2005 Setup

SQL Server Express has been successfully installed. You can optionally click on the Summary Log or Surface Area Configuration tool links for extended information and configuration options. Click **Finish**.

🐱 Microsoft SQL Server 2005 Setup	×
Completing Microsoft SQL Server 2005 Setup	
Setup has finished configuration of Microsoft SQL Server 2005	
Refer to the setup error logs for information describing any failure(s) that occurred during setup. Click Finish to exit the installation wizard.	
Summary Log	
To minimize the server surface area of SQL Server 2005, some features and services are disabled by default for new installations. To configure the surface area of SQL Server, use	the
Surface Area Configuration tool.	
 Analysis Services If Analysis Services was upgraded from SQL Server 2000, all cubes, dimensions, and mining models must be reprocessed using SQL Server Management Studio. 	
 Reporting Services The Reporting Services installation options you specified in Setup determine whether further configuration is required before you can access the report server. If you installed the default configuration, the report server can be used immediately. If you installed just the program files you must run the Reporting Services Configuration tool to deploy the 	•
<u>H</u> elp <u>F</u> inish	

Your previous version of Microsoft SQL Server Desktop Engine (MSDE) has been upgraded to Microsoft SQL Server 2005 Express Edition. There is no need to further configure the upgraded SQL Server Express. During the upgrade, the MSDE settings are carried over to SQL Server 2005 Express.

Install SQL Server Management Studio Express (Optional)

Installation of SQL Server Management Studio Express is optional.

Content Server does not require SQL Server Management Studio Express or encourage its use. All database/textbase management should be done through the *Content Server* Administration program.

SQL Server Management Studio Express provides a graphical management tool for SQL Server 2005 Express Edition. You can use this tool to optionally view the database information for *Content Server* v10.00 and later.

For information on how to use SQL Server Management Studio Express, please refer to the Microsoft Web site.

Note that SQL Server Management Studio Express can be installed at any time.

Installation CD or Electronic Download

Insert the SQL 2005 Express Edition CD-ROM into the drive. The InstallShield Wizard should automatically start. If not, from the Windows Start menu, choose Run. On the Run dialog box, type the CD-ROM drive letter followed by the SETUP command (for example, D:\SETUP.EXE)

If installing from the electronic download, download and unzip to a temporary folder. Navigate to that folder and double-click setup.exe. The InstallShield Wizard will begin.

1. Installation Options

Select the Install SQL Server Management Studio Express option and click Next to continue.

Inmagic CS SQL Server Express - InstallShield Wizard	×
Installation Options	
Select the SQL option you wish to install and click the Next button.	
 Install SQL Server 2005 Express Edition Install SQL Server Management Studio Express 	
InstallShield	
<u>N</u> ext >	<u>E</u> xit

2. License Agreement

Read the license agreement and select the check box to accept the licensing terms. Click **Next** to continue.

3. Registration Information

Enter the registration information and click **Next** to continue.

4. Feature Selection

Management Studio Express is selected by default. **Installation path** displays where the existing SQL Server 2005 Express is installed. The **Disk Cost** button will display current disk usage as well as how much disk space is needed to install your chosen features. Click **Next** to continue.

🙀 Microsoft SQL Server Management Studio Express CTP Set	up 🔀
Feature Selection Select the program features you want installed.	
Click an icon in the following list to change how a feature is installed Management Studio Express Inst mar SQL Ser Exp	d. ature description :alls interactive nagement tools for running . Server, including SQL ver Management Studio ress.
☐ Installation path C:\Program Files\Microsoft SQL Server\ [Disk Cost
< <u>B</u> ack <u>N</u> ext >	Cancel

5. Ready to Install the Program

Click the Install button to begin installing Microsoft SQL Server Management Studio Express.

🔂 Microsoft SQL Server Management Studio Express CTP	Setup 🗙
Ready to Install the Program Setup is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation setting	gs, click Back. Click Cancel to
< Back	Cancel

6. Setup Complete.

Click the **Finish** button to close the Setup dialog box.

🙀 Microsoft SQL Server Management Studio Express CTP Setup		\mathbf{X}
	Completing the Microsoft SQL Server Management Studio Express CTP Setup Setup has installed Microsoft SQL Server Management Studio Express CTP successfully. Click Finish to exit.	
	< Back Einish Cancel	

A shortcut for Microsoft SQL Server Management Studio will be available from the Windows Start>Programs menu under Microsoft SQL Server 2005.