

Installation guide for administrators and developers



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Chapter 1 Introduction

This document describes the installation process for Sitecore Ecommerce Enterprise Edition and the Nicam Demo site. This document assumes that the web server and the database server are the same machine.

The installation of the Nicam Demo site is distributed as an executable installation program. This program contains an installation wizard which will guide the user through the installation process.

After the Nicam Demo site has been installed, the Enterprise Ecommerce Management Console and its database will need to be manually installed and configured. This document details the installation and configuration of these components at length.

1.1 Preparing to Install Sitecore Ecommerce Enterprise Edition

Before attempting to install Sitecore Ecommerce Enterprise Edition and its components, the user should determine the following:

- Site name
- Target installation file system root, for instance C:\inetpub\wwwroot\SiteName
- Database Server
- Location of Sitecore Ecommerce Enterprise Edition license file
- Administrative access to computers and databases
- Meet minimum server hardware and software requirements for Sitecore 6 and Ecommerce Enterprise Edition
 Note: More information regarding the hardware and software requirements

for servers running Sitecore 6 is available through the Sitecore Developer Network

1.2 Required Installation Components

- License.xml Sitecore License file
- NicamDemo_v.1.0.4rev.090728.exe Nicam Demo site executable installer
- **SitecoreEnterpriseCommerceInstall.zip** Sitecore Ecommerce Enterprise Edition database and Management Console installation package

1.3 Sitecore Ecommerce Enterprise Edition Server Requirements

In addition to meeting the hardware and software requirements for Sitecore 6, the Sitecore Ecommerce Enterprise Edition server requires:

- Microsoft SQL Server 2005 or 2008
- IIS application pool must be set to allow 32-bit applications
- Microsoft JET engine for Excel integration (export/import)
- 32-bit SQL Server SMO for executing integration queries
- Adobe Flash



Chapter 2 Using the Nicam Demo Installation Program

The Nicam Demo Installation program will install the server components of Sitecore CMS and the Nicam Demo site. The installation wizard will walk the user through this process. Instructions for the Nicam Demo Installation program are provided below.

2.1 Sitecore Nicam Demo Site Installation Procedure

- 1. Launch the NicamDemo_v.1.0.4rev.090728.exe file to begin the Sitecore Nicam Demo site installation process
- 2. The Sitecore Nicam Demo installer will extract its installation components to the C:\Temp directory:
 - Data1.cab
 - Setup.exe
 - Sitecore.msi

Sitecore Nicam	Demo Installation	X
SILECORE	Extracting Data1 cab	
	Destination folder Therein Binase Binase B]
	Install	

- 3. After the installation components have been extracted, the installation wizard for the Sitecore Nicam Demo will automatically launch
- 4. At the **Welcome to the installation wizard for Sitecore Nicam Demo** screen, click the **Next** button
- 5. The **Sitecore License Agreement** will display, read the license agreement and select the "I accept the terms in the license agreement" radio button. Click the **Next** button to continue.

Sitecore® Nicam Demo - Installation License Agreement Please read the following license agreement carefully.	X
Sitecore License Agreement	
LICENSEE'S USE OF THE SITECORE SOFTWARE IS SU LICENSEE'S FULL ACCEPTANCE OF THE TERMS, CO DISCLAIMERS AND LICENSE RESTRICTIONS SET FORTH AGREEMENT.	IBJECT TO NUTIONS, I IN THIS
 License Grant: Upon payment in full of the license fee, Lice licensee a non-exclusive, perpetual, non-transferable, non-assig sublicensable license, without time limitations, to use the Sitecor 	nsor grants nable, non- re Sottware.▼
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- 6. The installation wizard will verify that the required components have been installed.
 - a. Ensure that the "Register ASP.NET 2.0 component in IIS" checkbox has been checked
 - b. Click the Next button to continue



- 7. The user will be prompted to provide the location for their Sitecore license file
 - a. Click the Browse button to open the Select File dialog window
 - b. Within the Select file dialog window, locate and select the Sitecore License.xml file
 - Click the **Open** button to choose the file and return to the License File screen – the path to the License.xml will now display in the License File screen
 - d. Click the Next button to continue
- Within the Sitecore Nicam Demo Website Name screen, enter the name that will be used for the Nicam Demo website. This name is at the discretion of the user, but either the default value or "NicamDemo" are sufficient. Click the Next button to continue.

😽 Sitecore® Nicam Demo - Installa	ntion 🛛
Sitecore® Nicam Demo Website I There could be several websites insta unique name for this instance.	Name alled on one machine. Please provide a
Website name:	NicamDemo
NOTE: This name serves to identify th It becomes default hostname of	e current instance of the application being installed. of the IIS 6 website.
	< <u>Bark Next</u> > Canrel



 The Destination Folder window displays the destination under which the Nicam Demo site will be installed. By default, the destination is *C:\Inetpub\wwwroot\{SiteName}* where *{SiteName}* is the name of the site specified in Step 8. Click the Next button to continue.

Gitecore	Nicam Demo - Installation Installation Installation Installation Install to this folder, or dick Change to install to a different folder.
-	Install Sitecore ® Nicam Demo to: C: \[Inetpub]wwwroot \licamDemo\
-	< <u>Bark Next></u> Carrel

- 10. Within the **Choose IIS Site** screen:
 - a. Ensure that the Create new IIS site checkbox is checked
 - b. Check the Append hostname to the Hosts file checkbox
 - c. Click the Next button to continue

Sitecore® Nicam Demo - Installation	×
Choose IIS site	
Choose or create a site to install new Sitecore instance	I
Create new IIS site	
Select the IIS eite to install Sitecore:	
Default Web Site	
Important: If you choose the existing site, you are responsible for the correct site configuration	
$\overline{\mathbf{v}}$ Set have directory of the selected site to the installation directory	
♥ Nppend hostname to Hosts file (necessary to run the application after the insta	llation)
< <u>B</u> ack <u>N</u> ext >	Cancel



11. In the **Database Server** screen:

- a. Use the Database Server dropdown menu to select (local)
- b. Select the Server authentication using the Login ID password below radio button
- c. Enter a Login ID and Password in the appropriate fields for a SQL user with the necessary credentials (The sa account is sufficient)
- d. Click the Next button to continue

Sitecore® Nicam Demo - Installation
Database Server
Select database server and authentication method
Select the database server to install to from the list below or click Browse to see a list of all database servers. You can also specify the way to authenticate your login using your current credentials or a SQL Login ID and Password.
Database Server:
(local) Browse
Connect using:
C Windows authentication credentials of current user
Server authentication using the Login ID and password below
Login ID: sa
Password:
< <u>R</u> ark <u>N</u> ext > Cancel

12. The **Ready to Install Sitecore Nicam Demo** screen will display. Verify that the previously selected License file path, Website name, Destination directory and Database entries are correct. Click the **Install** button to begin the installation.

🚏 Sitecore® Nicam Demo - Installation 🛛 🔀
Keady to Install Sitecore® Nicam Demo The wizard is ready to begin installation.
Please review your choices and select Install to complete the installation.
License file path: C:\icense.xml
Website name: NicamDemo
Destination drectory: C:\Inetpub\www.root\NicamDemo\
Database: Nicrosoft SQL Server
< Back Instal Cancel

- 13. The Sitecore Nicam Demo site will now install
- 14. When the installation process has completed, the **Installation Completed** screen will display.
 - a. Select the Launch Nicam Demo checkbox
 - b. Click the Finish button to close the installer and launch the Nicam Demo



Chapter 3 Enterprise Commerce Installation and Configuration

After Sitecore and the Nicam Demo site have been installed, the Sitecore Enterprise Commerce database and management console will need to be installed and configured. The step-by-step procedure below will walk the user through this process.

3.1 Prepare to Install Enterprise Commerce Components

- 1. Locate and open the *SitecoreEnterpriseCommerceInstall.zip* file
- 2. Extract the SitecoreEnterpriseCommerceInstall directory from the ZIP file to C:\temp
- 3. A *C:\temp\SitecoreEnterpriseCommerceInstall* should now exist containing the Enterprise Commerce components

3.2 Install Enterprise Commerce Database

 Within the C:\temp\SitecoreEnterpriseCommerceInstall directory that was created in Section 3.1 Step 1, open Sitecore_EnterpriseCommerceDB.zip and extract its contents to C:\Program Files\Wicrosoft SQL Server\WSSQL10.MSSQLSERVER\WSSQL\DATA

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	[master.mdf	11/18/2010 3:46 SQL Server Data 4,096 KB	
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E Pictures	📴 model.mdf	11/18/2010 3:46 SQL Server Data 1,280 KB	
Nusic 1	📴 modellog.ldf	11/18/2010 3:46 SQL Server Data 512 KB	
Recently Channed	厚 MSDBData.mdf	11/18/2010 3:46 SQL Server Data 10,752 KB	
	📴 MSDBLog.ldf	11/18/2010 3:46 SQL Server Data 512 KB	
2 Searches	📴 ReportServer.mdf	11/18/2010 3:46 SQL Server Data 3,328 KB	
Jublic Public	ReportServer_log.LDF	11/18/2010 3:46 SQL Server Data 6,272 KB	
	📴 ReportServerTempDB.mdf	11/18/2010 3:46 SQL Server Data 2,304 KB	
	ReportServerTempDB_log.LDF	11/18/2010 3:46 SQL Server Data 768 KB	
	Sitecore_EnterpriseCommerce_log.ld	f 11/15/2010 11:2 SQL Server Data 1,024 KB	
	Faitecore_EnterpriseCommerce.mdf	11/15/2010 11:2 SQL Server Data 11,968 KB	
	📴 tempdb.mdf	11/18/2010 4:06 SQL Server Data 8,192 KB	
Folders ^	📴 templog.ldf	11/18/2010 4:20 SQL Server Data 768 KB	

- 2. Launch the SQL Server Management Studio and connect to the local database server as a user with administrative privileges
- 3. Within the Object Explorer, right-click on Databases and select Attach





- 4. Under the Databases to attach section, click the Add button
- Within the Locate Database Files folder tree, navigate to C:\Program Files\Wicrosoft SQL Server\WSSQL10.MSSQLSERVER\WSSQL\DATA and select Sitecore_EnterpriseCommerce.mdf and click the OK button



6. In the Attach Databases window, Click the **OK** button

Attach Databases							
Selecta page	🖾 Script 🔹 🚺 Help						
	Databases to attach:						
	MDF Hile Location	n Da	tabace	Attach Ae	Owner	Statue	Meesage
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		_					
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					<u>A</u> dd		<u>Semove</u>
	"Sitecore_EnterpriseCo	ommerce" datab	ase details:				
	Onginal File Name	File Type	Current F	File Path	N	lessage	
Connection	Sitecore_Enterprise	Data	C:\Progr	ram Files\Miero	I3 <u></u>		
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7. Verify that the Sitecore_EnterpriseCommerce database is now available under the Databases header in the Object Explorer





3.3 Install Enterprise Commerce Management Console

- 1. Launch the NicamDemo site and log in to the Sitecore desktop as an administrator user
- 2. Click the **Sitecore** button in the lower left corner of the Sitecore desktop and navigate to **Development Tools** -> **Installation Wizard**



- 3. Within the Installation Wizard, click the Browse button
- 4. Within the Open Package dialog, click the Upload button
- 5. Within the Select Files dialog, click the Browse button
- Using the Choose File to Upload explorer view, browse to C:\Temp\SitecoreEnterpriseCommerceInstall, select Enterprise_Commerce-3.0.1.zip and click the Open button



7. Within the Select Files dialog, click the Next button



- 8. Click the **Next** button in the **Settings** dialog to upload the *Enterprise_Commerce-3.0.1.zip* package
- 9. After the upload completes, click the **Finish** button
- 10. The **Open Package** dialog now contains the *Enterprise_Commerce-3.0.1.zip* package, select it and click the **Open** button



11. Within the Select Package dialog, click the Next button

🐞 Installation Wizard	×
Select Package	~
Select a package to install.	
	~
Enter the name of the package:	
Enterprise_Commerce-3 0 1 zip	
Click Drowse to locate the package on the server. Click Upload to upload the package.	
Browse Upload	
< Back Next > Ca	incel

12. The Sitecore Enterprise Commerce readme file will display. This readme contains the connection strings that will need to be added to the web.config and connectionstrings.config files later in the installation process. Click the **Next** button to continue



13. The **Ready to Install** dialog will appear, click the **Install** button to install the Enterprise Commerce package

🚯 Installation Wi	izard	X
Ready to Install	adu ta install the package. Click Testall to install the package	
The waare is rec	by to install the package. Click anstall to install the package.	(۱
Package name:	Enterprise Commerce	
Version:	3.0.1	
Author:		
Publisher:		
	< Back Install Car	ncel

- 14. When the installation has completed, ensure that the **Restart the Sitecore client** checkbox is selected and click the **Finish** button
- 15. Enterprise Commerce will now be available in the Sitecore menu





3.4 Connect Enterprise Commerce Management Console to Database

- Open the *Readme.txt* file that displays during the Enterprise Management Console install by clicking the **Sitecore** button in the lower left corner of the Sitecore desktop and navigating to **Development Tools** -> **Installation Wizard**. In the **Installation Wizard** dialogue, the *Enterprise_Commerce-3.0.1.zip* package should be preselected. Click the **Next** button to view the *Readme.txt* file **Note:** If the *Enterprise_Commerce-3.0.1.zip* package is not available, follow **Section 3.3**, steps 3 through 11 to upload the package
- 2. Navigate to C:\inetpub\wwwroot\{SiteName}\WebSite (where {SiteName} is the name specified in Section 2.1, Step 8) and open the Web.config file in a text editor such as Notepad
- 3. Using the *Readme.txt* file, copy the first four sections of code and paste them within the specified sections of the *web.config* file
 - a. copy the **configSections** section of code and paste it within the configSections section of the *web.config* file

•
<configsections></configsections>
<pre><aection name="sitecore" type="Sitecore.Configuration.ConfigReader, Sitecore.Kernel"></aection></pre>
<pre><section name="log4net" type="log4net.Config.Log4NetConfigurationSectionHandler, Sitecore.Logging"></section></pre>
<sectiongroup name-"system.web.extensions"="" system.web.<="" td="" type-"system.web.configuration.systemwebextensionssectiongroup,=""></sectiongroup>
<pre><sectiongroup jsonserialization"="" name="scripting" scriptresourcehandler"="" system.web.e<="" td="" type="System.Web.Configuration.ScriptingWebServicesSectionGroup, System.Web.Exter</td></tr><tr><td><section name-" type-"system.web.configuration.scriptingjsonserializationsection,="" webservices"=""></sectiongroup></pre>
<pre><section name-"profileservice"="" pre="" system.web.extensi<="" type-"system.web.configuration.scriptingprofileservicesection,=""></section></pre>
<pre><ocction hibernate-configuration"="" name="authenticationService" roleservice"="" type="Whibernate.ffg.ConfigurationSectionHandler, Whibernate"></ocction></pre>
<pre><sectiongroup name="fluorinefx"></sectiongroup></pre>
<pre><section name="settings" requirepermission="false" type="FluorineFx.Configuration.XnlConfigurator, FluorineFx"></section></pre>
EnterpriseCommerce

b. Copy the **system.webServer modules** section and paste it within the system.webServer modules section of the *web.config* file





c. Copy the **system.web httpModules** section and paste it within the system.web httpModules section of the *web.config* file



d. Copy the fourth section and paste it at the bottom of the *web.config* file before the closing **</configuration>** tag



- 4. Save the changes that were made and close the Web.config file
- 5. Navigate to the C:\inetpub\wwwroot\{SiteName}\WebSite\App_Config directory and open the ConnectionStrings.config file in a text editor



6. Copy the **ConnectionStrings** snippet from the bottom of the *Readme.txt* file and paste it within the *ConnectionStrings.config* file above the closing

</connectionStrings> tag



- Modify the user id= and password= portions of line that was pasted into the ConnectionStrings.config file above in Step 5 to reference the user id and password of an account that has access to the Enterprise Commerce database (such as the user id and password that were entered in Section 2.1, Step 11)
- 8. If using a database server other than SQL Express, remove the \SQLEXPRESS text from the connection string that was pasted above in step 5
- 9. Save the changes that were made and close the ConnectionStrings.config file



Chapter 4 Enterprise Commerce Management Console

Now that the Enterprise Commerce Management Console has been successfully installed and configured, it can be accessed within the Sitecore desktop.

4.1 Access the Enterprise Commerce Management Console

- 1. Log in to the Sitecore desktop as a user with administrative privileges
- 2. Click the **Sitecore** button in the lower left corner of the Sitecore desktop and select **Enterprise Commerce**



3. The Sitecore Enterprise Commerce Management Console will now launch





4.2 Validate the Enteprise Commerce Installation

If you are unable complete the following steps, a fatal issue occurred during the installation or management console setup process. Verify the each of the steps within this guide have been correctly follow. In some cases, it may be beneficial to start the installation process over again from the beginning.

- 1. Verify the version and build number:
 - a. Using the left navigation menu, click **Tools** -> **About**
 - b. At the time of this document, the current version is 3.0.1 and the current build is 22524. If your version is out of date, please download the latest build from the Sitecore developer network.

bout Regis	tration Plugins		
Sitecore (Commerce 3.0.	.22524	
Convright @	2010. Insite Softv	are Solutions. Inc.	
copyright (, 2010, Insice Bore		
Module	Status	Count	Expiration Date

- 2. Validate that the database is properly connected and new records can be created:
 - a. Using the left navigation menu, Click Global Management -> Sales Reps
 *Note: Because the database contains no Sales Rep records, a warning message will appear
 - b. Click Add New 🐨 on the toolbar
 - c. Enter a name or string in the Name field in the Sales Rep Information section

Details Content									
Sales Rep Information									
	Name	2	Test Sales Rep		Sales Rep Number				
	Title	2			Code				
	Phone '	1			Reference Number				
		-				-			
	Phone 2	2				C			
					Colora Managara				

- d. Click Accept Changes 🗹 to save the record
- e. Leave the Sales Rep section by clicking an alternate section from the left navigation menu, such as Dealer
- f. Re-enter the Sales Rep section by clicking it in the left navigation menu
- g. Verify that the record that was previously created is present in the Sales Rep grid view



- h. Select the record and click Mark to Delete
- i. Click Accept Changes d to remove the record