

Epicor Distribution Suite Installation Guide

Version 1.1.0



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Overview

Revision History			
Build	Description of Update	Page	
	(5/24/10) Beta release (09/14/11) Rebranding and procedure update		
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Overview

Overview

Before you can integrate any Epicor Distribution Suite products with your Prophet 21 system, you must install the Distribution Suite framework. The Distribution Suite framework consists of JBoss, JDK, and the Distribution Suite database. This framework supports communication between your production database and the central Distribution Suite servers.

This manual describes the process of installing and configuring the Distribution Suite framework for your production system. There are three parts to the installation.

- Setting up your server and database
- Installing the Distribution Suite components
- Configuring your Distribution Suite framework

The following chapter explains the process in detail with step-by-step instructions.

The Distribution Suite framework does not have a test mode at this time. You should set it up only for your production database. Otherwise, you may get test data into your production Distribution Suite system.

System Requirements

System Requirements

Before you can install the Epicor Distribution Suite software, review the following prerequisites.

• A server with SQL Server 2000 or better (SQL 2005 or better recommended) installed;

You can use your Prophet 21 production database server; the server should use the TCP / IP protocol for connections (you can view and change protocols using the SQL Server Configuration Manager).

- A Windows server to install the EDS framework. The server must be part of your domain.
- An installed Prophet 21 version 12.5 or higher.
- A .NET Framework version 2.0 or higher on the server.

Setting Up Your Server and Database

To set up your server and database before you install the Distribution Suite framework, you must do the following:

- Create the Distribution Suite database
- Create two new logins for the Distribution Suite framework (one to access the Distribution Suite database, and one to access the Prophet 21 database)

These instructions use SQL Server 2008. For more information on how create databases or logins for other versions of SQL Server, please refer to SQL Server Books Online.

Create the EDS Database

- 1. Log into the server you want to use for your Distribution Suite database. This server may be your production database server or some other server you want to use for the Distribution Suite.
- 2. Open SQL Server Management Studio (Start > All Programs > Microsoft SQL Server 2008 > SQL Server Management Studio).
- 3. Log into your server.
- 4. Expand the instance on which you want to install Distribution Suite.

Note: You may have only one instance, depending on how you set up SQL Server.



- 5. Right-click the Databases node and select **New Database**.
- 6. Name your database. Epicor recommends using *EpicorDS*.

Selectanane						
A General	Script 🔻 📑	Help				
P Options			-			
Filegroups	Database name:		EpicorDS	EpicorDS		
	Owner:		<default></default>			
	[7] Use follows in	dente a				
	[V] Deciminent in	loeang				
	Database files:					
	Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth	
	EpicorDS	Rows	PRIMARY	3	By 1 MB, unrestricted growth	
	EpicorDS_log	Log	Not Applicable	1	By 10 percent, unrestricted growt	
Connection						
#_035000						
Server: AUSWWDNADS01						
Server: AUSWWDNADS01 Connection:						
Server: AUSWWDNADS01 Connection: NORTHAMERICA\brett.parkhurst.						
Server: AUSWWDNADS01 Connection: NORTHAMERICA\brett.parkhurst Wew.connection.properties						
Server: AUSWWDNADS01 Connection: NORTHAMERICA\brett.parkhurst Wew.connection.properties Progress						
Server: AUSWWDNADS01 Connection: NORTHAMERICA\brett parkhurst Wew connection properties Progress Ready	4	ш			•	
Server: AUSWWDNADS01 Connection: NORTHAMERICA\brett parkhurst Wew connection properties Progress Ready	•	111		Add	• <u>R</u> emove	

7. To accept the rest of the defaults, click **OK**. Your database is created.

After creating the database for the Distribution Suite, you need to create SQL Server logins for the Distribution Suite.

Create New Logins

The Distribution Suite framework must have access to both its own database (above), and also to your Prophet 21 production database.

- 1. Open the SQL Server Management Studio. (Start > All Programs > Microsoft SQL Server 2008 > SQL Server Management Studio).
- 2. Expand the server instance that contains your Distribution Suite database.
- 3. Right-click the Security node and select **New > Login**.
- 4. On the **General** page, give the login a name. Epicor recommends *epicordsuser*.
- 5. Select SQL Server authentication.
- 6. Enter a secure password for the login. The password should consist of alphanumeric characters only and can **not** contain special characters. Make sure you track this login and password as you normally track secure logins to the database, as you will need to specify this later.
- 7. Disable the Enforce Password Expiration check box.
- 8. Select **EpicorDS** as the default database. Your screen should look like the following:

🧏 Microsoft SQL Server Manage	ment Studio		
🚪 Login - New		Enter your login	
Select a page	Script - 📑 Help	Indifie	
Server Roles	Login <u>n</u> ame:	epicordsuser	Sgarch
Securables	 <u>Windows authentication</u> <u>SQL Server authentication</u> 		
Select SQL Server	Password:	•••••	
enter your password twice	Specify old password		
	Old password:	y	
Disable the Enforce Password Expiration check box	Enforce password expire User must change pass Mapped to certificate Mapped to asymmetric key	ation word at next login	
Connection	Map to Credential	Conduction Remaider	Add
Server: WIN-C148N91S8G1			
Connection: WIN-C148N91S8G1\Administrator		Select EpicorDS as your default database	
Progress Ready	Default <u>d</u> atabase:	EpicorDS	Remo <u>v</u> e
	Default language:	<default></default>	
Ľ	· · · · · · · · · · · · · · · · · · ·	ОК	Cancel

Setting Up Your Server and Database

- 9. Select the Server Roles page.
- 10. Enable the **sysadmin** check box to give this login system administration privileges for the SQL Server.

- 11. Select the **User Mapping** page.
- 12. In the **User mapped to this** login area, select the **Map** check box to map *epicordsuser* to the Distribution Suite database.

Setting Up Your Server and Database

🔆 Microsoft SQL Server Manager	nent Stud	lio			
Login Properties - adsuser					_ 🗆 ×
Select a page	Script	🕶 🛐 Help			
Server Roles	Users ma	apped to this login:			
Securables	Мар	Database	User	Default Schema	
Status		EpicorDS	epicordsuser		
		master			
Enable the Map		model			
check box for the		msdb			
EpicorDS database		Prophet21			
		Prophet21Play			
		tempdb			
	Databas	e role membership for: AD	S		
Connection	db_a	ccessadmin			
Server:		ackupoperator			
WIN-C148N91S8G1		latawriter			
Connection:		Idladmin			
WIN-C148N9158G1 Administrator		lenydatareader			
View connection properties		ienydatawriter iwner			
8	db_s	ecurityadmin			
Progress	✓ public	c			
Pondy					
neauy					
(heady					
				ОК	Cancel

13. Repeat Steps 3 - 15, except the login name should be *epicorp21user*, and the database should be your Prophet 21 *production* database.

After creating the SQL Server logins the Distribution Suite framework, you can install the Distribution Suite framework components.

Installing the Distribution Suite Framework

Important: The user installing the Distribution Suite must be part of the Windows domain.

The Distribution Suite framework components include JBoss, JDK, and the configuration tool. You do not have to worry about JBoss or JDK individual installations; this installation routine automatically installs them for you.

Note: Installing the Distribution Suite framework may require you to restart your server, so plan accordingly. If you are using your production server, we recommend performing the installation during off-hours.

- 1. Log onto the server where you will be installing the Distribution Suite software.
- 2. Download the Distribution Suite installer from the Customer Web Site and make sure it is available to the server.
- 3. Unzip the installation files to the server. For example, create a folder on the desktop called "Distribution Suite Install" and unzip to it.
- 4. Double-click the **Epicor.DS.Install.exe** file to start the installation.
- 5. Click **Run the Installation** to start installing the Distribution Suite framework components.

💽 Setup - Epicor Distribut	ion Suite 🗾 🗖 🔀
	Welcome to the Epicor Distribution Suite Setup Wizard This will install Epicor Distribution Suite version 1.1.0 on your computer. It is recommended that you close all other applications before continuing. Click Next to continue, or Cancel to exit Setup.
	Next > Cancel

6. Click **Next** to continue the installation.

Installing the Distribution Suite Framework

🚍 Setup - Epicor Distribution Suite
Select Destination Location Where should Epicor Distribution Suite be installed?
Setup will install Epicor Distribution Suite into the following folder. To continue, click Next. If you would like to select a different drive, choose from the
list.
C:\ [Fixed]
At least 158.8 MB of free disk space is required.
< Back Next > Cancel

7. If you want to change the destination **DRIVE**, use the drop down to select a location or type a new location.

📑 Setup - Epicor Distribution Suite	
Ready to Install Setup is now ready to begin installing Epicor Distribution Suite on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\Epicor\DistributionSuite Start Menu folder: Epicor Distribution Suite	
< <u>B</u> ack Install	Cancel

8. Click **Next** to continue.

Installing the Distribution Suite Framework

9. Click Install to install the Distribution Suite framework components.

😝 Setup - Epicor Distribution Suite	
Installing Please wait while Setup installs Epicor Distribution Suite on your computer.	
Extracting files	
	Cancel

The Distribution Suite Configuration Wizard starts automatically. This installation configures your Distribution Suite framework so it can access the databases. The Distribution Suite framework's configuration tool opens automatically a few moments after the components installation is complete.

Before you can use any features or products from the Distribution Suite, you must configure the Distribution Suite framework so that it has access to both the Distribution Suite and Prophet 21 databases.

1. If it is not already displayed, open the Distribution Suite Configuration tool (by default, Start > All Programs > Epicor Distribution Suite 1.0 > Distribution Suite Configuration).

Epicor - Distribution Sui	te Setup	? ×
FORMERLY ACTIVANT	A New Global Leader in Bu	siness Software Distribution Suite Setup
Distribution Suite Locati There are two different optior the appropriate option depen about which option to select,	on is to choose from when installing t ding on how you purchased your s please contact your sales represe	ne Distribution Suite software. Please choose oftware from Epicor. If you have any questions ntative.
Epicor Hosted Choose this option if yo	ou are going to run the applicatio	ns from the Epicor hosting facility.
Choose this option if yo	ou are going to run the applicatio	ns from your own server.
		Next

- 2. Select Self Hosted.
- 3. Click **Next** to configure the Account information, Public IP and Port (default PORT is 2080)

Epicor - Distribution Suite S	2tup		? ×		
FORMERLY ACTIVANT	lew Global Leader in Busine	s Software Distribution Suite	Setup		
Distribution Suite Domain and Server Information When you purchased your software, your company domain was assigned to the account (i.e. epicor.com). This domain is the unique identifier in the Epicor system that validates your registered software and valid products accociated with your account. Please enter the domain that you assigned to you during the sales process.					
Domain Name:	Public IP Address:	Port:			
DomainName	10.1.6.120	2080			
		Previous	Next		

- 4. Click **Next** to configure EpicorDS database access.
- 5. Enter the server name, port, database name, user name, and password:

Epicor - Distribution Suite Setup ? 🗙						
EPICOR.	A New Global Leader in Business Software Distribution Suite Setup					
Distribution Suite Database The Distribution Suite requires a separate database for storing data. This requires that you create a database on your SQL Server of choice and then configure this tool to connect to it. Please enter the information necessary to connect to the Distribution Suite database that you created.						
Server:		Port:	Database Name:			
WIN-C148N91S8G1		1433	EpicorDS			
User Name:	Password:		Re-Enter Password			
epicordsuser	*****		Management of the second s			
			Test Connection			
			Previous			

6. Click **Test Connection** to ensure that Distribution Suite can connect to your database using the connection and authorization properties entered. The system displays a message if the connection was successful.

If the connection fails, the system displays an error message that describes the issue. This process may take time as the program wait for connection timeouts.

If you DO NOT test the connection you will see the following message:



7. Click Next to configure Prophet 21 database access.

Epicor - Distribution Suite Setup ? 🗙					
EPICOF FORMERLY ACTIVAN	R New Globa	l Leader in I	Business Software Distributi	on Suite Setup	
P21 Database The Distribution Suite must be configured to connect to your P21 database. Please enter the information necessary to connect to the P21 database.					
Server:		Port:	Database Name:		
qa3-yar-pen		1433	Prophet21		
User Name:	Password:		Re-Enter Password:		
epicorp21user	*****		****		
			Test Connection		
			Prev	ious Next	

8. Click Next to Configure Network Security information (Windows Domain Server)

Important: The server name should be used when identifying the authentication sever instead of an IP Address. If an IP Address is entered, the installation will fail.

Epicor - Distribution Su	iite Setup			? ×
FORMERLY ACTIVANT	A New Global	Leader in Business S	oftware Distribution Su	uite Setup
Authentication Type The Distribution Suite has to authentication type below th	wo ways of authentic nat meets your requir	cating to your P21 ERP sy ements.	vstem. Please select the ap	opropriate
ADS Authentication Typ Windows Authentication	E:			
ausvcrpndc00	Test Connection			
			Previous	Next

9. Click **Test Connection** to ensure that Distribution Suite can connect to your database using the connection and authorization properties entered. The system displays a message if the connection was successful.

If the connection fails, the system displays an error message that describes the issue. This process may take time as the program wait for connection timeouts.

If you DO NOT test the connection you will see the following message:



10. Click Next to review a summary of the setup selections.

🚍 Epicor - Distribution Suite Setup 🛛 🤶 🔀				
EPICOR FORMERLY ACTIVANT	Software Distribution Suite Setup			
Configuration Summary Domain and Server Information Domain: p21selfhosted Public IP: 10.1.6.120 Public Port: 2080 Install Type: Self Hosted ADS Database Server Name: QA2\SQL2005 Port: 1433 Database: ads User Name: admin	Stopping the service Test database connections Test security configuration Configuring Java runtime Creating database Updating P21 information Starting the service			
P21 Database	Run Setup			
	Previous Next			

11. Click **RUN SETUP** to install and configure files.

If any one of the sections fails the install will STOP.



Your Distribution Suite configuration settings are now saved. If you have not already done so, you can close the Epicor Distribution Suite Setup program.

Now you can Close the install, view the Setup Log or go to the Connection Diagnostics Page.