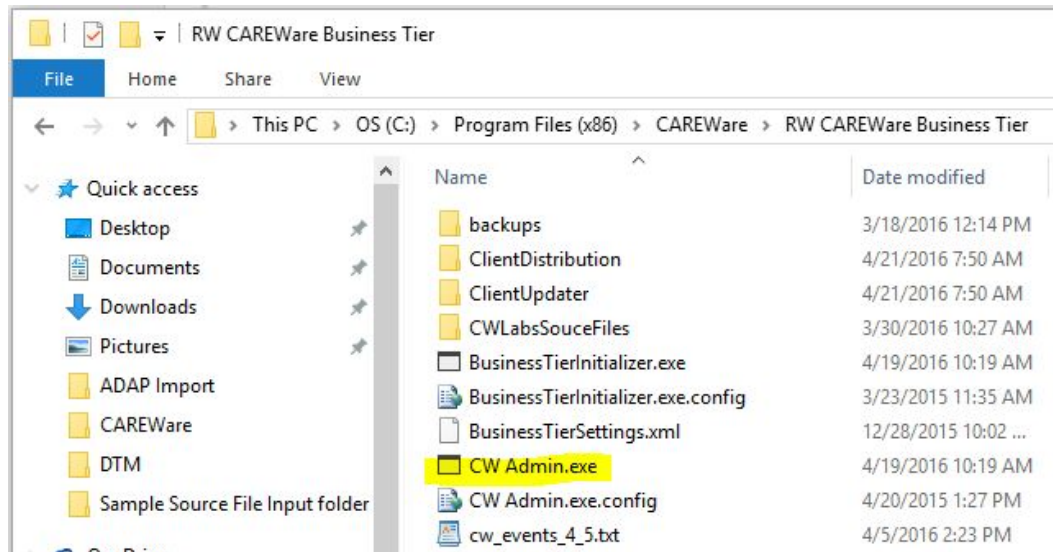


The CW Admin Utility is the interface for the business tier settings. The CW Admin Utility is where Administrators can set the connection between the business tier and database, test the connection, adjust HL7 Interface settings, read diagnostics files, and set many other CAREWare options.

This is the default location for the CW Admin Utility.



To run this utility:

1. Go to C:\Program Files (x86)\CAREWare\RW CAREWare Business Tier.
2. Right click *CW Admin.exe*.
3. Click *Run as Administrator*.

Note: The CW Admin Utility must always be run as administrator, even if the user is logged into a Windows Administrative account. If the CW Admin Utility is run without choosing Run as Administrator, the following error will occur when the RW CAREWare Business Tier service is stopped.



The server can not be stopped at this time. The following exception was returned by the server: System.InvalidOperationException: Cannot open RWCAREWareBusinessTier service on computer '.': ---> System.ComponentModel.Win32Exception: Access is denied --- End of inner exception stack trace ---
at System.ServiceProcess.ServiceController.GetServiceHandle(Int32 desiredAccess)
at System.ServiceProcess.ServiceController.Stop()
at BusinessTierSettingsEditor.jBusinessTierEditorController.stopServer(String serviceName)

OK

CAREWare Server Settings

Server Settings | Services | Diagnostics | Database Info | Common Storage Settings

Table Name: LocalStringStorage

Tag: Cancel Save

Setting:

Note: The CAREWare Server must be stopped before editing settings.

Tag	Setting
DatabaseConnectionString	data source=ADAM-PC\CAREWare;initial catalog=CW_data;persist...
port	8124
algorithm	rjndael
BackupFolder	C:\Program Files (x86)\CAREWare\RW CAREWare Business Tier\...
CAREWareBT	ADAM-PC
CAREWareUser	MLLPService
CAREWarePW	MLLPService100
SQLServerRestoreFromDirectory	C:\Program Files\Microsoft SQL Server\MSSQL\$CAREWare\Data
SQLServerBackupDirectory	C:\Program Files\Microsoft SQL Server\MSSQL\$CAREWare\Data

Start Server Stop Server Edit Add Delete

Server Status: Started

Close

Menu for LocalStringStorage, LocalNumberStorage, and LocalDateStorage

Starts and Stops the business tier service

Edit, add, and delete business tier settings

Server Settings shows the current settings set for the business tier, allows for editing of several business tier settings, and provides access to start and stop the business tier service.

To start or stop the business tier service: Click Start Server or Stop Server.

To edit a setting:

1. Select a *Table Name*.
2. Click *Stop Server*.
3. Click the setting *Tag*.
4. Click *Edit*
5. Edit the value for *Setting*:
6. Click *Save*.

To add a setting:

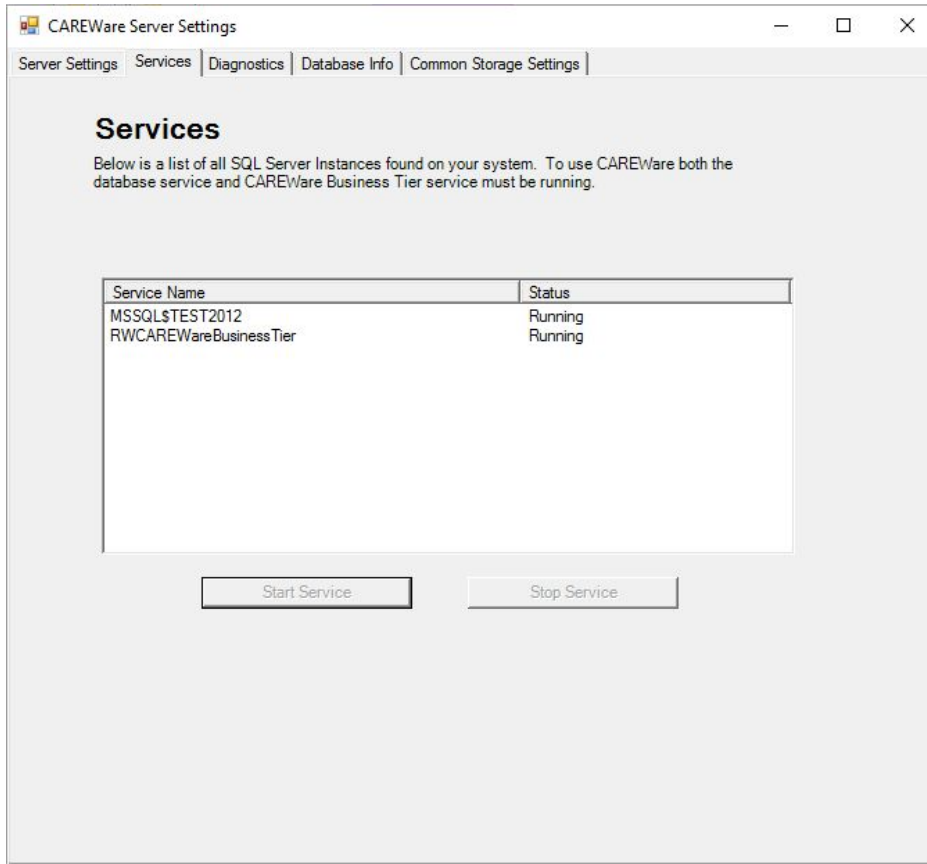
1. Select a *Table Name*.
2. Click *Stop Server*.
3. Click Add.
4. Enter a value for Tag:
5. Edit the value for *Setting*:
6. Click *Save*.

To delete a setting:

1. Select a *Table Name*.
2. Click *Stop Server*.
3. Click *Delete*.

Once changes are complete for settings, start the service by clicking *Start Server*.

The Services tab is another way to start and stop the business tier service. It includes an option to start and stop the database instance as well.



The diagnostics tab provides a view of diagnostics files created by running the business tier diagnostics in the client tier application. Click [here](#) to review instructions for running the diagnostics application.

CAREWare Server Settings

Server Settings | Services | **Diagnostics** | Database Info | Common Storage Settings

Diagnostics Files:

Diagnostics Files:
diagnostics\3_24_2015_14_00.bt

Show Diagnostics
Delete File
Refresh List

Diagnostic Info

Total Clients: 1475 Free Disk Space (KB): 195515640 Ticks/ms 10000

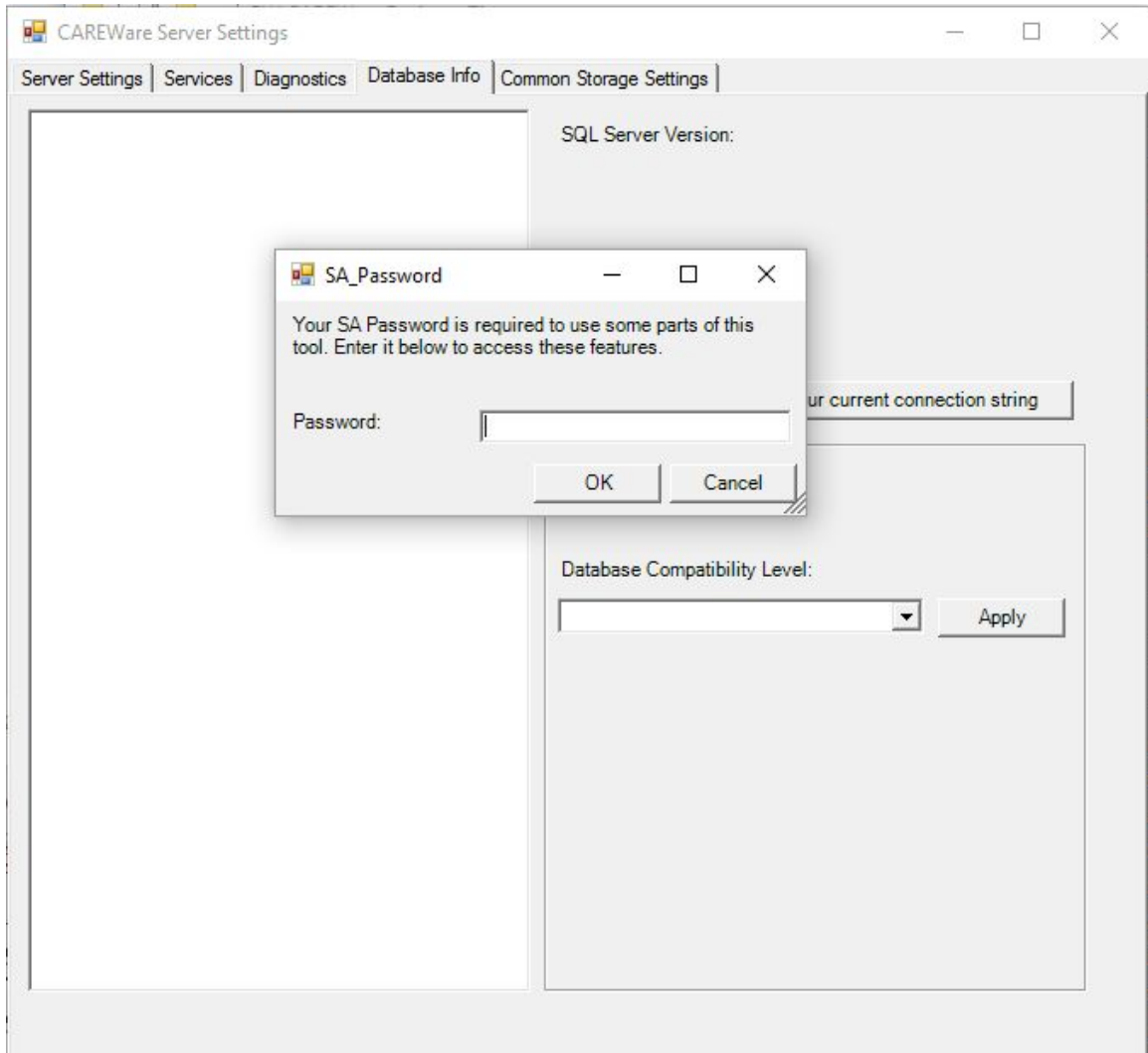
System Memory (MB): 4061 Memory in use (KB): 646504 User:

Method Name:	Start Time:	Total Time (...)	Number of e...	Method Time...	Decryption T...	Encryption Ti...
OnTick	2:56:36 PM	0	6	0	0	8.0008
ProcessEvent...	2:56:40 PM	0	15	0	0	0
ADM_PA_Get...	2:56:41 PM	1222.1222	52	1222.1222	0	0
ADM_PA_Get...	2:56:44 PM	203.0203	24	203.0203	0	0
ADM_PA_Get...	2:56:44 PM	1217.1217	477	1217.1217	0	43.0043
SC_RFT_Is_C...	2:56:46 PM	0	8	0	0	0
SS_Get_Permi...	2:56:48 PM	18.0018	8	18.0018	0	1.0001
ADM_Needs_...	2:56:48 PM	0	8	0	0	0
BST_Get_Com...	2:56:50 PM	16.0016	8	16.0016	0	0
BST_Get_Com...	2:56:50 PM	1.0001	8	1.0001	0	0
CUST_Custom...	2:56:50 PM	48.0048	11	48.0048	0	1.0001
ADM_Get_Dis...	2:56:50 PM	0	8	0	0	0
BST_Get_Com...	2:56:50 PM	0	8	0	0	0
CLN_Client_S...	2:56:52 PM	80.008	49	80.008	0	1.0001
BST_Get Com...	2:56:52 PM	0	8	0	0	0

View Events

The Database Info tab is used to test the connection between the database and the business tier. The Database Info tab shows database users, roles, and databases in the SQL Server Database Instance. The Database Info tab includes an option for adjusting the

Database Compatibility Level. If there is an error in roles for the cwbt login, a *Resolve* button will appear to resolve the issue.



To access the Database Info tab, the SA password will have to be entered for the database instance. [Here](#) are instructions for setting the SA password.

The screenshot shows the 'CAREWare Server Settings' window with the 'Database Info' tab selected. The left pane displays a tree view of databases, including 'Master' and 'CW_Data'. The right pane shows 'SQL Server Version: Microsoft® SQL Server Express Edition v 12.0.4213.0(SP1)' and 'Clients In database: 1555'. A 'Test your current connection string' button is present. Below, the 'Administrative Tools' section includes a 'Database Compatibility Level' dropdown menu and an 'Apply' button. Three yellow callout boxes provide instructions: one points to the 'cwbt' user in the 'CW_Data' database tree, another points to the 'SQL Server Version' text, and a third points to the 'Test your current connection string' button.

CWBT is the database owner

SQL Server version for the database instance

Click here to test the connection between the database and the business tier

Click here to set the database compatibility level. It should match that of the SQL Server version.

The Common Storage Settings tab is a link to the Common Storage Settings table in the database. It contains many settings for CAREWare, including HL7 Interface settings, the version of the database, an option to reset and unlock users, the database connection string for attachments. [Here](#) is a list of the Common Storage Settings in Excel form.

	cmm_st_pk	cmm_st_text	cmm_st_date	cmm_st_number
▶	DataTierVersion			93.21
	Business TierVersi...			
	versionTypeLevel			0
	firstNamePart			2
	secondNamePart			0
	thirdNamePart			1
	firstPunctuation	.		
	secondPunctuation			
	firstNameSortPart			2
	secondNameSort...			0
	thirdNameSortPart			1
	longTimerLastEla...		4/22/2016 9:52 ...	
	RegimenRebuilding			1
	vietnameseVersion	0		
	cultureSettingString	en-US		
	EncryptFmwrk	4.0		
	PIIFieldsEncrypted			1
	reportTimeout			180
	logChanges			0
	ResetLockoutAn...			
	LastExpiredPass...		4/18/2016	