Installing the Is2 Onsite Version - HVAC Office System

This document describes the full onsite server installation of the Is2 database files, the database server, and the application server.

The full program installation consists of four downloads.

1. The HVAC Central Office program. This is the main dispatching and accounting program which the user sees.

2. The Application Server – runs as a service and handles communicates between the Central program and the database server.

3. The Database Server – this program which runs as a service on your main machine handles the database communications.

4. The HVAC company databases. The databases are where all data resides. Upon initial install, there will be a System and a Sample Company database. Usually, a new company database is then built to be used as the main company database, leaving the Sample database for training.

To download these files, go to this link:

http://www.is2software.com/hvac-office

You will be located on the HVAC Office Main Page. On the left side of the page, click on HVAC Downloads link.



In the HVAC Downloads section, go to the HVAC Central Downloads area, and download and run the HVAC Onsite Install setup executable. Download the files listed to your local machine where the main installation will occur for the server operations.

VAC Remote	There is no time limit placed on the executables. The only limitation is that you will only be connecting with our datacenter in Dallas, Texas to the HVAC Sample company to access and store your data.			
VAC Downloads	A word of caution. With your testing, you will be viewing and entering data that will also be viewed by other companies wishing to perform a trial test. So please do not enter sensitive data that you do not wish other			
VAC Pricing	companies to see.			
	HVAC Central Office Downloads	Version		
	HVAC Central Office – Install	2011.8.9.1	🔮 Download	
	HVAC Central Office Update Program – Install	2009.9.10	🔮 Download	
	HVAC Central Office – Executable Only	2011.8.9.1	🔮 Download	
	HVAC Central Office Setup Manual		Download	
	HVAC – Onsite – Full Install – Instructions	2012.06.01	Download	
	HVAC – Onsite – Full Install	2012.06.01	🔮 Download	

After running the Install Setup, you will have 4 setup executables extracted to your machine.

They should be located in the C:\Is2\Onsite Setup Files folder on your desktop or server machine.

The HVAC Central application program can reside on other desktops but the application server, database server, and databases must be installed on your main server or desktop which can be accessed thru your network or router by your other desktops.

The install should occur in the following steps:

- 1. Install the database files first. (setup_hvac_databasefiles.exe)
- 2. Install the database server. (setup_sybase.exe)
- 3. Install the application server. (setup_applicationserver.exe)
- 4. Install the central office application. (setup_hvac_central.exe) (if not already installed)

If problems arise during the install, the Is2 support team may ask to you use the Remote Control program (TeamViewer) that may be downloaded from <u>www.teamviewer.com</u>.

Again thank you for purchasing this Is2 Software product.

Thank you. The Is2 Support Team

To install the setup database files:

1. Run the HVAC Database Files Setup after downloading.



월 Choose Destination Lo	cation	×	
	Setup will install (is)2 Hvac Installation Databases in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install (is)2 Hvac Installation Databases by clicking Cancel to exit Setup.		
	Destination Folder C:\is2\Databases Browse		
	< <u>B</u> ack <u>Next</u> > Cancel		
😼 Start Installation		×	
	You are now ready to install (is)2 Hvac Installation Databases. Press the Next button to begin the installation or the Back button to reenter the installation information.		

<u>N</u>ext>

Cancel

< <u>B</u>ack

Installing		×
	Current File Copying file: C:\is2\D atabases\S ample_HVAC.db All Files Time Remaining 0 minutes 6 seconds	
	< <u>B</u> ack <u>N</u> ext > Cancel	

This canadian complete	(is)2 Hvac Installation Databases has been successfully installed. Press the Finish button to exit this installation.
	< Back Einish > Cancel

4. After installing the base database files, you are now ready to install the Sybase database server. There were two databases installed – the System database and the sample HVAC database. For production, you will create a new company database for your company or use one that has been created for you for the IS2 staff. If moving from the hosted environment, you will be sent your working database file for your company.

Installing the Sybase Database Server

To install the Sybase Database Server engine:

Run the setup_sybase program from where it was downloaded.

🔏 Welcome	
	 Welcome to Sybase Server Install Setup program. This program will install Sybase Server Install on your computer. It is strongly recommended that you exit all Windows programs before running this Setup Program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program . WARNING: This program is protected by copyright law and international treaties. Unauthorized reprodixction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
🔏 Choose Destination	Location
	Setup will install Sybase Server Install in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install Sybase Server Install by clicking Cancel to exit Setup. Destination Folder For Sybase Database Engine [C:\is2\Sybase] Browse Folder Where Databases Are Found [C:\is2\Databases] Database Engine Name [IS2]
	1132

The engine name is defaulted to IS2. If multiple systems on installed on the SAME network, change the name of the database engine in order to be UNIQUE on the network.

🔏 Start Installation	
	You are now ready to install Sybase Server Install. Press the Next button to begin the installation or the Back button to reenter the installation information. Sybase Database Engine will be installed in: C:\is2\Sybase The Sybase service will be set to retrieve the database configuration file from: C:\is2\Databases The Sybase Database Engine will be named: IS2
	< Back Next >>>> Cancel





Upon restarting the system, the database server will have started. This can be checked under the Services tab as the Is2_Dbserver service. It should show started.

Services								
File Action View	File Action View Help							
← → 💽 🖗	• 8 • • • ■ 1							
Services (Local)	Name 🛆	Description	Status	Startup Type	Log On As	^		
	🖏 Indexing Service	Indexes co		Manual	Local System			
	🖏 Internet Connectio	Provides n		Manual	Local System			
	Rest Services	Manages I	Started	Automatic	Local System			
	🖓 IPv6 Internet Conn	Provides in		Manual	Local System			
	🆓 IS2 Database Server		Started	Automatic	Local System			
	🏶 Logical Disk Manager	Detects an	Started	Automatic	Local System			
	🖏 Logical Disk Manage	Configures		Manual	Local System			
	Mes ₄ enger	Transmits		Manual	Local System			
	🆓 MS Software Shado	Manages s		Manual	Local System	~		
	Extended Standard							

Installing the IS2 Application Server.

Note: The database engine must be installed prior to the application server.

Run the setup_applicationserver.exe program from where it was downloaded.

🔏 Welcome

🛃 Choose Destination L	ocation	×	
	Setup will install (is)2 Application Server in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install (is)2 Application Server by clicking Cancel to exit Setup.		
	Destination Folder C:\is2\ApplicationServer <u>Br</u> owse		
	< <u>B</u> ack <u>Nex</u> Cancel		



Once installed install the application server service by typing in

Finish >

Cancel

< <u>B</u>ack

"C:\is2\ApplicationServer\Is2appservice.exe /install"

using the Command Prompt under Accessories or the Run dialog from the Start Button.

Run	? 🛛
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	C:\is2\ApplicationServer\IS2AppService.exe /install
	OK Cancel Browse

The application server install screen will appear. You may use the default values.

IS2 Application Server Install			
Name	<u>Is2_12000</u>		
Display Name	ls2_12000		
Description	IS2 Application Server running on port 12000		
	OK Cancel		

The application server configuration screen will appear. On this screen, add the IS2_Dbserver under Dependencies by clicking on the green Dependencies checkmark. If the database engine name was changed, change the Engine Name.

The Is2_Dbserver is the instance of the Sybase Database Server. If your database installation was not done with the Is2 Database Server installation setup, then the name may be

🛢 IS2 Applicati	on Serv	er Configuration - Version 2	2003-09-1	8	X
← Service Properties Displa Des Bir Load Orde Depen	Name y Name cription hary File or Group dencies	Is2_12000 IS2 Application Server running on p C:\is2\ApplicationServer\IS2AppSe	oort 12000 rrvice.exe -S Order wit	5N=Is2_12000 :hin Group 0	Startup Automatic Manual Disabled Error Control Ignore Normal Severe Critical
Database Propert Version User Password Engine Name Server Params Database Client Params	ies Adaptive dba sql IS2 System commlini	e Server Anywhere 7		Application Properties Threading Model C Single Session Pooled Session Persistent Ses Port 12000 Compression acAstaZ Encryption etAstaE Idle Time (min) 220 Start DB's	ns 5 sions Lib v ncrypt v
				<u>k</u>	

■ IS2 Application Server Configuration - Version 2003-09-18					
Service Properties Name Is2_12000				Startup	
Display Name Is2_1200		Is2_12000		Automatic	
Description IS2 Ap		IS2 Application	Server running on port 12000	C Manual	
Bin	ary File	C:\is2\Applicati	Select Dependency		
Load Order	r Group		ini910u Intelīde	>	Error Control
Depen	dencies		Ip6Fw Ip6FwHlp		Normal
Ť			IpFilterDriver IpInIp IpNat IPSec		C Severe C Critical
Database Properti	es		IRENUM roperties		roperties
Version	Adaptiv	e Server Anywhe	is2_DbServer		g Model
User	dba		Kbdclass kmixer KSecDD		Pooled Sessions 5
Password	sql		lanmanserver lanmanworkstation		Persistent Sessions
Engine Name	IS2		lansuits	N	Port 12000
Server Params	erver Params		OK Cancel tion etAs		tion etAstaEncrypt
Database	Database System			Idle Time ((min) 220
Client Params	Client Params commlinks=tcpip			Start [DB's 🔽 Logging 🗌
					<u>O</u> k <u>C</u> ancel

🛢 IS2 Applicatio	on Serv	er Configuration - Version 2003-09-18	X		
Service Properties Name Display Name Description Binary File Load Order Group Dependencies		Is2_12000 IS2 Application Server running on port 12000 C:\is2\ApplicationServer\IS2AppService.exe -SN=Is2_12000 C:\is2_DbServer	Startup Automatic Manual Disabled Error Control Gignore Normal Severe Cirtical		
Database Propertie Version User Password	es Adaptivo dba sql	Application Properties Application Properties Threading Model Single Session Pooled Sessions Persistent Session	5		
Engine Name Server Params Database	I52 System	Port 12000 Compression acAstaZLib Encryption etAstaEncry Idle Time (min) 220	ypt 🔽		
Client Params	Client Params commlinks=tcpip Start DB's Logging Qk Cancel				

Make sure the is2_Dbserver has been added to the Dependencies list and that your Engine name is correct. The configuration is defaulted to port 12000, 5 pooled sessions, and set to start automatically each time the computer reboots.

Click the Ok button to save the configuration.

Start the Application server service on your computer. This can be done by rebooting your computer or manual starting the service under the Control Panel | Administrative Tools | Services dialog.

Services					
File Action View	Help				
← → 💽 😭 🔮) 🗟 😫 🕨 🗉 🗉 🖦				
🎭 Services (Local)	Name 🛆	Description	Status	Startup Type	Log On 🔼
	Sast User Switching Compatibility	Provides m		Manual	Local Sy
	🏶 Help and Support	Enables He	Started	Automatic	Local Sy
	🏶 Human Interface Device Access	Enables ge		Disabled	Local Sy
	SIMAPI CD-Burning COM Service	Manages C		Manual	Local Sy 📒
	Service	Indexes co		Manual	Local Sy
	SInternet Connection Firewall (ICF) / Inte	Provides n		Manual	Local Sy
	PSEC Services	Manages I	Started	Automatic	Local Sy
	BIPv6 Internet Connection Firewall	Provides in		Manual	Local Sy
	🖏 IS2 Database Server		Started	Automatic	Local Sy
	Is2_12000	IS2 Applica		Automatic	Local Sy
	Scotland Disk Manager	Detects an	Started	Automatic	Local Sy
	Logical Disk Manager Administrative Serv	Configures		Manual	Local Sy 🔽
	<				>
	Extended Standard				

Choose the is2_12000 service and then click on the Start button to start the service.

Services					
File Action View	Help				
← → 🔳 📽 🕻	〕 🗟 👔 🖕 ■ 🛯 ■ ►				
🍇 Services (Local)	Name A	Description	Status	Startup Type	Log On 🔥
	Rest User Switching Compatibility	Provides m		Manual	Local Sy
	🖏 Help and Support	Enables He	Started	Automatic	Local Sy
	Human Interface Device Access	Enables ge		Disabled	Local Sy
	MAPI CD-Burning COM Service	Manages C		Manual	Local Sy 📒
	🖏 Indexing Service	Indexes co		Manual	Local Sy
	🖏 Internet Connection Firewall (ICF) / Inte	Provides n		Manual	Local Sy
	References	Manages I	Started	Automatic	Local Sy
	Reveal Internet Connection Firewall	Provides in		Manual	Local Sy
	🖏 IS2 Database Server		Started	Automatic	Local Sy
	% Is2_12000	IS2 Applica	Started	Automatic	Local Sy
	🍓 Logical Disk Manager	Detects an	Started	Automatic	Local Sy
	Cogical Disk Manager Administrative Serv	Configures		Manual	Local Sy 🔽
	<				
	Extended Standard				

FYI: If you have already installed the Central Office application in a trial period, you do not have to reinstall.

HVAC Central Office Program - How To Install

Installing the HVAC Central Program

Follow these steps to install the program on your Windows computer. This consists of three parts.

1. The first process will be to download the setup file from the <u>www.is2software.com</u> website or from the links that were sent to you in your purchase email.

Download your file to a directory on your machine and please remember the directory in which you stored the setup file. A good practice is to setup a \Download directory on your machine for all downloads and create subdirectories for the different programs, etc. that are downloaded.

2. The second process will be to run the program setup executable (Setup_Hvac_Central.exe) on your workstation to install the software.

The application software will be installed on each workstation in your office. The Hvac Central program connects to either our hosted site or in your office to where your data is stored. If you are signed up for the hosted version, the program will attach to our application server here in Dallas, Texas. If you are running the onsite version, the program will attach to data stored on your own server, provided the database server and application server have been installed.

3. After installation, once you start the program a login screen will be presented. If you have purchased, you will be sent your login information by email.

The base login parameters are:

User Information

User Name: **admin** User Password: **admin**

Place checkmarks on both Save Passwords and Check for Update.

Connection Information

Host Address: **is2software.net** (or your server address if an onsite install) Host Port: **12000**

Company Information

Leave fields blank. Make sure Hosted Account is unchecked.

Updates for the program are periodically made available as modifications and additions to the program take place. An update availability screen is shown when first entering the program if a new update is available.

To install the HVAC Central Office software:

1. Download the HVAC Central setup program from the <u>www.is2software.com</u> website. At the homepage, choose the Hvac Service - Trial Downloads link on the left side of the home page.



2. You will be directed to the Hvac Accounting downloads screen. Click on the Hvac Central Office - Setup Program link.



3. Choose the Save This Program to Disk option on the File Download dialog. Follow the onscreen directions to download the program setup file. The options shown are different between the multiple versions of Windows. Choose the Save option. Do not check the option to close the dialog box after the

download completes if this option is available. If it is checked, you will not be able to continue without finding the downloaded file on your drive. Remember where you download the setup file. Best practice is to create a \Downloads directory on your Drive C or Drive D and download all install setup programs into that directory where you will know where to find them. Do not save setup files onto the computer desktop.



4. Save the file into a folder on your computer where you can find it. Example: C:\Downloads. You may have to create a new directory for your downloads.

Save As					? ×
Save jn:	🔁 Downloads	•	£	d	
File <u>n</u> ame:	Setup_Hvac_Central.EXE				<u>S</u> ave
Save as <u>type</u> :	Application		•		Cancel

5. The transfer screen will show the progress of the file download. While transferring, make sure the "Close this dialog box when download completes" is not checked, if this dialog box shows on your screen. It makes the install simpler if you can run the setup program immediately after you download.

88% of Setup_Hvac	_Central.EXE Co	mpleted	_ 🗆 🗵	
8				
Saving:				
Setup_Hvac_Central.	EXE from www.indu	stryspecific.com		
Estimated time left: 2	5 sec (3.86 MB of 4	.40 MB copied)		
Download to: C	\DownLo\Setup_	Hvac_Central.EXE		
Transfer rate: 2	4.9 KB/Sec			
Close this dialog box when download completes				
	<u>O</u> pen	Open <u>F</u> older	Cancel	

6. When the download is complete, click on the Open button to start the installation program. Some browser download dialogs do not show the Open button. If the Open button is not shown, remember where you downloaded the setup file, and then go to that directory to run the setup executable.

Download complete				
Download Complete				
Setup_Hvac_Central.EXE from www.industryspecific.com				
Downloaded: 4.40 MB in 2 min 51 sec				
Download to: C:\DownLo\Setup_Hvac_Central.EXE				
Transfer rate: 26.3 KB/Sec				
Close this dialog box when download completes				
Open Open Folder Close				

7. The install program will guide you along the software setup process.



8. Choose where you wish the Hvac Central Office software to be installed. The default is "C:\Is2\Hvac_Central" directory.

🔏 Choose Destination Location 🛛 🛛 🔀		
	Setup will install (is)2 Hvac Accounting - Central Office in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install (is)2 Hvac Accounting - Central Office by clicking Cancel to exit Setup.	
	Destination Folder C:\is2\Hvac_Central	
	< <u>B</u> ack <u>N</u> ext> Cancel	

9. Now choose the Program Manager Group that you wish to find the Hvac program when you look under Programs off the Start button.

齃 Select Program Man	ager Group	×
	Enter the name of the Program Manager group to add (is)2 Hvac Accounting - Central Office icons to:	
	Industry Specific	
	123Scan 602Pro LAN SUITE 2003 Accessories Administrative Tools Adobe AVG Anti-Virus 7.0 Beyond Compare 2 Binary Magic Borland Delphi 5 Camtasia Studio Chaucer Estates Cingular Developer Express Inc Developer Express VCL Products	<
	< Back Next Cance	el

10. The files for the program will now be installed to the designated directory.

Start Installation	2	<
	You are now ready to install (is)2 Hvac Accounting - Central Office. Press the Next button to begin the installation or the Back button to reenter the installation information.	
	< Back	

Installing	
Copying file: C:\is2\Hvac_Central\Hvac_Central.exe	
24%	
Cancel	

11. When finished, the system is ready for you to begin using.

🛃 Installation Complete	, 🔀
	(is)2 Hvac Accounting - Central Office has been successfully installed. Press the winish button to exit this installation.
	< <u>Back</u> <u>Finish ></u> Cancel

12. From your computer's Start button, select the Programs menu, go to Industry Specific, and then choose the Hvac Central Office program. Or just choose the desktop shortcut that was created.



14. When the Hvac Central program starts, a login screen will appear. The first time you login, you will need to fill out the User Information and Connection information tabs. If you are a hosted client, then you will need to fill out the Company Information tab. This login information will be sent to you in a separate email after your purchase or hosting signup.

After your login information is filled in, click on the Ok button to save the login setup information and start the login process.



Log On to Hvac			X	
(is) ₂ industry specific information systems		HVAC Version 2005 B - Central Office Edition - 2005.9.9.1		
User Informatio	on Connectio	n Information	Company Information	
Company Company Login Pa	Login Id hvac_host ssword Hosted	Account		
	<u>O</u> k	<u>C</u> a	ncel	

14. If an update is available for the application, then a update notification screen will appear. To do the actual updating of the executable, go to Update Program Executable under Help on the main menu after the program starts.



15. The main menu will appear for the Hvac Central program.

2	🥕 (is)2 HVAC Central Office - (is)2 Hvac Sample Company													
F	le	Lists	More Lists	Dispatch	Document Entry	Document History	Month End	Quarter End	Year End	Company Status	Reports	Utities	Help	
								R						1.

16. If the main menu appears, the program should be functioning properly.

Database Files Installation

A sample set of the HVAC sample databases are available on the web server for download.

There are now three database files.

System - which has all login users and company menu rights for each user and login activity.

Sample_Hvac - which has sample customers, vendors, employees, dispatch service orders, etc.

HVAC_Setup - which is a base set of startup data such as chart of accounts, terms, customer types, etc that can be used to setup any new companies.

Instructions are below.

The base login to these sample database will be:

User Name: admin User Password: admin

To install this new set of database files:

1. First, you must stop the Is2_12000 and Is2_DbServer services on your server machine. Select the service and then click on the Stop button to stop each service. This will allow us to then overwrite the existing database files.

🍓 Services						그즈
<u>File Action View</u>	Help					
← → 🔃 🖀 🖸	〕 🖻 😫 🖬 🕨 ■ 🗉 ■					
🍇 Services (Local)	🍇 Services (Local)					
	IS2 Database Server	Name A	Description	Status	Startup Type	
	Stop the service Pause the service Restart the service	IS2 Database Server IS2_12000 Kerberos Key Distri License Logging Logical Disk Manager Logical Disk Manag Messenger Microsoft Software	IS2 Applica On domain Monitors a Detects an Configures Transmits Manages s	Started Started Started	Automatic Automatic Disabled Disabled Automatic Manual Disabled Manual	
<u> </u>	Extended Standard					

<u>File Action View H</u> e						
	lelp					
	🖹 😫 🖬 🕨 ■ 🛯 ■					
Services (Local)	Services (Local)					
1	Is2_12000	Name A	Description	Status	Startup Type	
	Stop the service	SIS2 Database Server	IS2 Applica	Started Started	Automatic Automatic	
	Pause the service <u>Restart</u> the service	Kerberos Key Distri	On domain Monitors a		Disabled Disabled	
L I I	Description: IS2 Application Server running on port 12000	Logical Disk Manager Logical Disk Manag	Detects an Configures Transmits	Started	Automatic Manual Disabled	-
	Extended / Standard /	Microsoft Software	Manades s		Manual	

2. Now download the new setup file for the databases.

To download these files, go to this link:

http://www.is2software.com/hvac install downloads.shtml

From the web page, download only the HVAC Database Files setup install.

Application Program To DownloadSetup Program - Remote Control ProgramSetup Program - Application ServerSetup Program - Database ServerSetup Program - Hvac Database FilesHVAC Central Office - Setup Program

3. Run the HVAC Database Files Setup after downloading.

覺 Welcome		×
Welcome	 Welcome to (is)2 Hvac Installation Databases Setup program. This program will install (is)2 Hvac Installation Databases on your computer. It is strongly recommended that you exit all Windows programs before running this Setup Program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program . WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under 	
	law. Cancel	
		-
🔏 Choose Destination Loc	ation	x
	Setup will install (is)2 Hvac Installation Databases in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install (is)2 Hvac Installation Databases by clicking Cancel to exit Setup.	
	Destination Folder C:\is2\Databases Browse	

< <u>B</u>ack

<u>N</u>ext>

10

Cancel

覺 Start Installation		×
	You are now ready to install (is)2 Hvac Installation Databases. Press the Next button to begin the installation or the Back button to reenter the installation information.	
	< <u>B</u> ack <u>Next</u> > Cancel	

Installing	Current File Copying file: C:\is2\D atabases\Sample_HVAC.d All Files Time Remaining 0 minutes 6 second	b ts
	< <u>B</u> ack <u>N</u>	ext > Cancel

월 Installation Complete		×
	(is)2 Hvac Installation Databases has been successfully installed. Press the Finish button to exit this installation.	
	< <u>B</u> ack <u>Finish</u> Cancel	

4. After installing the new database files, you must now restart the Is2_12000 and Is2_DbServer services to start the database operations again.

Services							
<u>File Action V</u> iew	Help						
← → 🖬 😭 🖸) 🗟 😫 🖬 🕨 🔳 🗉 🖦						
🆏 Services (Local)	🍇 Services (Local)						
	Is2_12000	Name 🛆	Description	Status	Startup Type	Log On As	_
		🆏 IS2 Database Server			Automatic	Local System	
	Start the service	% Is2_12000	IS2 Applica		Automatic	Local System	
		🎇 Kerberos Key Distri	On domain		Disabled	Local System	
	Description:	🎇 License Logging	Monitors a		Disabled	Network S	
	IS2 Application Server running on port	🍓 Logical Disk Manager	Detects an	Started	Automatic	Local System	
	12000	🍓 Logical Disk Manag	Configures		Manual	Local System	
		🎇 Messenger	Transmits		Disabled	Local System	
		🆓 Microsoft Software	Manages s		Manual	Local System	
		🎇 Net Logon	Maintains a		Manual	Local System	
		🎇 NetMeeting Remot	Enables an		Disabled	Local System	-
	Extended Standard						

Services						l l	<u>- 🗆 ×</u>
<u>File A</u> ction <u>V</u> iew	Help						
) 🗟 😫 🖬 🕨 🔳 💷 🛶						
Services (Local)	Services (Local)	,					
	Is2 12000	Name 🔺	Description	Status	Startup Type	Log On As	
	-	🏶 IS2 Database Server		Started	Automatic	Local System	
	Stop the service	% Is2_12000	IS2 Applica	Started	Automatic	Local System	
	Pause the service	🏶 Kerberos Key Distri	On domain		Disabled	Local System	
	Restart the service	🆏 License Logging	Monitors a		Disabled	Network S	
		🍇 Logical Disk Manager	Detects an	Started	Automatic	Local System	
	Description:	🆏 Logical Disk Manag	Configures		Manual	Local System	
	12000	🎇 Messenger	Transmits		Disabled	Local System	
		🆏 Microsoft Software	Manages s		Manual	Local System	
		🆏 Net Logon	Maintains a		Manual	Local System	
		🏶 NetMeeting Remot	Enables an		Disabled	Local System	-
	Extended Standard						

Both services will show started.

You are now ready to log into the HVAC Central program again.