### Paperless Meeting Software Installation Instructions

### Acknowledgments

Thank you for supporting paperless meeting and working to make our Society meeting more sustainable and resource efficient. This software package contains only public domain software. No license or user fees are required for any use. NO ASHRAE FUNDS OR RESOURCES WERE EXSPENDED FOR CREATION OF THIS PACKAGE. This software package was created by the volunteer effort of TC 1.5 Computer Applications and the Electronic Communication Committee. Please feel free to modify or change it as desired. Also please share your experiences with paperless meetings with the Electronic Communication Committee.

### Overview

This software allows the use of a personal laptop to create a website that can be accessed by a local network of computers to exchange files and roster updates.

### Before you begin

The web server can be run on most computers that use the Windows XP or 2000 operating system. In addition to a computer to run the web server, a router is needed to create a local network. From our experience a wired network is recommended for groups of more then 10 users. Routers are available for under \$50 at most office supply and electronic outlets. Access to the Internet is not required to use this software.

The paperless meeting software uses ASP.NET, a Windows service that may not be enabled on the computer you are using to host the Web Server. To enable the service open the administrative icon from the control panel.

	Control Panel	Table 11th							
My Documents	Back - O - D	Search	Folders						
	Address 🔂 Control Panel							✓ →	Go
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start		Control Panel							9138 AM

Select the ASP.NET service from the list.

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Services (Local)	Name /	Description	Status	Startup Type	Log On As	
	NET Runtime Optimization Service v2.0.50727_X86	Microsoft		Manual	Local System	
	Adobe LM Service	AdobeLM 5		Manual	Local System	
	Alerter 1	Notifies sel	Started	Automatic	Local Service	
	Apache2	Apache/2		Automatic	Local System	
	Application Layer Gateway Service	Provides s	Started	Manual	Local Service	
	Application Management	Provides s		Manual	Local System	
	ASP.NET State Service	Provides s	Started	Manual	Network Service	
	Ati HotKey Poller		Started	Automatic	Local System	
	Automatic Updates	Enables th	Started	Automatic	Local System	
	Background Intelligent Transfer Service	Transfers		Manual	Local System	
	Broadcom ASF IP monitoring service v6.0.1	IP monitori		Automatic	Local System	
	CCFLIC0		Started	Automatic	Local System	
	ClipBook.	Enables Cli		Disabled	Local System	
	COM+ Event System	Supports S	Started	Manual	Local System	
	COM+ System Application	Manages t		Manual	Local System	
	Computer Browser	Maintains a	Started	Automatic	Local System	
	Cryptographic Services	Provides th	Started	Automatic	Local System	
	COM Server Process Launcher	Provides la	Started	Automatic	Local System	
	BHCP Client	Manages n	Started	Automatic	Local System	
	Bistributed Link Tracking Client	Maintains li	Started	Automatic	Local System	
	Distributed Transaction Coordinator	Coordinate		Manual	Network Service	
	DNS Client	Resolves a	Started	Automatic	Network Service	
	🖓 dnWhoDisp			Manual	Local System	
	Error Reporting Service	Allows erro	Started	Automatic	Local System	
	Event Log	Enables ev	Started	Automatic	Local System	
	FactoryTalk Diagnostics CE Receiver	Receives m		Manual	Local System	
	FactoryTalk Diagnostics Local Reader		Started	Automatic	Local System	
	Fast User Switching Compatibility	Provides m		Manual	Local System	
	Harmony .			Manual	Local System	
	Help and Support	Enables He	Started	Automatic	Local System	
	HID Input Service	Enables ge	Started	Automatic	Local System	
	HTTP SSL	This servic		Manual	Local System	
	Mapi CD-Burning COM Service	Manages C		Manual	Local System	
	indexing Service	Indexes co	Started	Automatic	Local System	
	infrared Monitor	Supports in	Started	Automatic	Local System	
	Extended Standard					

Right click on the service, and select START. You may also double click on the service and open the properties tab to start this automatically.

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ervices (Local)	Name /	Description	Status	Startup Type	Log On As	3.0	
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	Apache2	Apache/2		Automatic	Local System		
	Application Layer Gateway Service	Provides s	Started	Manual	Local Service		
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	ASP.NET State Service		Started	Manual	Network Service		
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	Standard Client	Manages n	Started	Automatic	Local System		
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	Fast User Switching Compatibility	Provides m		Manual	Local System		
	Harmony			Manual	Local System		
	Help and Support	Enables He	Started	Automatic	Local System		
	HID Input Service	Enables ge	Started	Automatic	Local System		
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	MAPI CD-Burning COM Service	Manages C		Manual	Local System		
	Indexing Service	Indexes co	Started	Automatic	Local System		
	infrared Monitor	Supports in	Started	Automatic	Local System		
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## Installation

The software package is a self extractable file. It contains the personal web server and apache database.

Begin by extracting the files by double clicking on the "AshraeTCWeb-20070105080732.exe" file. A window should open as shown.



Change the destination folder to C:\, and press install.

🕃 WinRAR self-ex	tracting archive
	<ul> <li>Press Install button to start extraction.</li> <li>Use Browse button to select the destination folder from the folders tree. It can be also entered manually.</li> <li>If the destination folder does not exist, it will be created automatically before extraction.</li> </ul>
	Destination folder
	C:\ Browse
	Installation progress
	Install Cancel

The files will extract to the C:\ directory. After the extraction window closes select from the main desktop select my computer and then drive C:



Browse to the C:\ASHRAETCWeb directory.



Then select the "installs" directory.



Then double click on the modaspdotnet-2.0.0.msi file to install the Apache database.



You may receive this warning asking you to confirm the installation. Select RUN to continue.



The following box should appear. Click NEXT to continue.



Please review the license and agree to the terms. Select NEXT to continue.

1	🖥 Apache mod_aspdotnet for Apache httpd Web Server - InstallShield W 🔀
	License Agreement Please read the following license agreement carefully.
	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/
	TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
	1. Definitions.
	"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
	$\odot$ I accept the terms in the license agreement $\bigcirc$ I do not accept the terms in the license agreement
I	nstallShield

Leave all default information. And select NEXT to continue.

🔂 Apache	mod_aspdotnet for Apache httpd Web Server - InstallShield W 🔀
Installati	on Options
The option	ons below must correspond to your exiting Apache httpd Web Set
	Install Apache mod_aspdotnet for Apache httpd Web Server to:
	C:\AshraeTCWeb\Apache2\
	Install the help documentation for:
	• Anyone who uses this computer (all users)
	Only for me (Maverick User)
	WARNING: You must choose the Apache root directory shove (This root
	contains the directories bin, htdocs, etc)
InstallShield -	
	<pre></pre>

Select INSTALL to begin installation. This will take a couple of minutes.

🖶 Apache mod_aspdotnet for Apache httpd Web Server - InstallShield W 🔀
Ready to Install the Program       The wizard is ready to begin installation.
Apache mod_aspdotnet for Apache httpd Web Server will be installed to C:\AshraeTCWeb\Apache2\
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield

When installation is complete, the following box will appear. Select FINISH to continue.



Return to the C:\AshraeTCWeb directory and double click on "startsever.bat" to start the web server.



You may receive this warning asking you to confirm the installation. Select UNBLOCK to continue.



To test the web server, open the web browser (Internet explorer, Netscape, or Firefox, ect.) and type the URL http://local host . You should receive this screen. Click on the hotlink to reach the main menu.





Sign up - Add contact information to the roster

Members / Attendee List / Update Info – Committee member information on the roster Upload Files – Upload files TO the website to share with other attendees. View / Download Files – Download files FROM the website

In order to access the web server from other computers on the network, the web server host computer IP address must be known. From the START button on the computer running the webserver, select run and type in the command "cmd /k ipconfig".



The ip address is shown in the command window.



Other computers on the network can type the URL: <u>http://your\_ip\_address</u> (198.18.101.10 in this example)



### **Trouble Shooting**

If users see this screen, just press F5 or the refresh button on the browser.

🦉 Thread was being aborted Windows Internet Explorer
🌀 🕤 🖌 🖉 http://localhost/AshraeTC/filelist.aspx
Links 🛇 ADDS 🍸 AirNav 👩 American Express @ Work 👩 ASHRAE 👩 ASHRAE TC Meeting 👩 ASHRAE TC Meeting Webserver 👩 AVweb 👩 Do
🚖 🏟 - 🖄 - 🔊 - 🖶 - 📴 - 🎯 - 🛍 🦓
Server Error in '/AshraeTC' Application.
Thread was being aborted.
Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the
Exception Details: System. Threading. Thread AbortException: Thread was being aborted.
Source Error:
An unhandled exception was generated during the execution of the current web request. Information location of the exception can be identified using the exception stack trace below.
Stack Trace:
[ThreadAbortException: Thread was being aborted.] System.Web.HttpApplication.ExecuteStep(IExecutionStep step, Boolean& completedSynchronously) +459 System.Web.HttpApplication.ResumeSteps(Exception error) +482 System.Web.HttpApplication.System.Web.IHttpAsyncHandler.BeginProcessRequest(HttpContext context, AsyncCallbac System.Web.HttpRuntime.ProcessRequestInternal(HttpWorkerRequest wr) +466
Version Information: Microsoft .NET Framework Version:2.0.50727.42; ASP.NET Version:2.0.50727.210

If you receive this error, it means the ASP.NET service was not started.



Server Error in '/AshraeTC' Application.

Unable to make the session state request to the session state s State service is started and that the client and server ports are machine, please ensure that it accepts remote requests by chec HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\a If the server is on the local machine, and if the before mentior set to 0, then the state server connection string must use eithe name.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack

Exception Details: System.Web.HttpException: Unable to make the session state request to the session state server. PI server ports are the same. If the server is on a remote machine, please ensure that it accepts remote requests by checking t HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\aspnet\_state\Parameters\AllowRemoteConnection. If the server exist or is set to 0, then the state server connection string must use either 'localhost' or '127.0.0.1' as the server name.

Source Error:

# **Saving Data**

Data can be saved by copying and pasting the roster information into spreadsheet or word processing document.

Files should be downloaded to the web server host computer. These web server files can only be copied from the running web sever.

The raw database can edited with Microsoft Access or any other similar database program.