

ACES 6 for WINDOWS 2000/XP/VISTA

Installation Instructions for Network Version

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1. UPDATING AN EXISTING SYSTEM

- Instructions in this section only apply when updating an existing ACES6.0X network installation. If you have an older system (Version 4 or 5 for example), please refer to Section 2.
- Before beginning the update we suggest that you first make a copy of all files in the ..\ACES6 folder on the server. This is a back-up precaution in the event that the update file does not install or run properly.
- From the distribution CD submenu click “*Update main program files only*”. A *File Download* dialog box will appear. Click *Open* (or *Run*) then follow the prompts - ignore all file security messages and do not save the download files to your PC.
- When the *WinZip Self-Extractor* dialog box appears, browse to the server/folder in which the ACES program files are stored and click *Unzip*. (The default ACES installation path is always *C:\Program Files\Aces6* but you should change this to suit your own requirements).
- Once the ACES files have been updated click *Close*.
- Now select “*Update help files*” and repeat the same procedure as described in the third and fourth dot-points above. Help updates should be installed into the ...\Aces6\HelpFiles folder on the server.
- Refer to Sections 3 and 4 if you wish to expand the current number of PCs networked to ACES or if you have changed the current location of the program on the server. Otherwise the update is complete.

2. NEW INSTALLATION

- Instructions in this section only apply when: installing ACES for the first time; or if you are re-installing the program from scratch; or if you are upgrading from older versions (4 or 5). Do not install this network version of ACES onto client PCs – only onto the server.
- From the distribution CD submenu click “*Install the full program*” (you may need to wait for a few moments while the setup file is read off the CD). If the *File Download* dialog box appears, click *Open* (or *Run*) then follow the prompts (ignore all file security messages).

- The default ACES installation path is *C:\Program Files\Aces6* but you should change this to suit your own requirements. Do this by clicking the **Browse...** button when the path specification panel appears during the installation process. (Do not install into older Versions 4 or 5 systems).
- Follow all subsequent installation instructions. If only a single PC is to be connected to ACES you are finished. Simply create a short-cut to the main program executable (called *Aces6.exe*) on the PC desktop or check that it has already been included on the computer's *Start Menu*. Refer also to Section 7 if running ACES under *VISTA*.
- If multiple-PCs are to be connected to ACES refer to Sections 3 and 4 for instructions in configuring client PCs and server-based files. Refer also to Section 7 if running under *VISTA*.

3. CONFIGURING for TEMP DATA STORED onto CLIENT PCs

- Refer to this section only if temporary user model files and scratch files are to be stored onto client PCs and only after the program has been installed onto the server.
- A directory with two subfolders must be created on each user PC. The subfolders must have the names *Tempdata* and *Outpdata* and their path specification must be identical on all client PCs e.g., *C:\Program Files\Aces\Tempdata* and *C:\Program Files\Aces\Outpdata*.
- Once the relevant subfolders have been created on each client PC, copy the contents of the *..\Aces6\Tempdata* directory from the server into the corresponding *...\Tempdata* subfolder on each client PC.
- On the desktop of each client PC create a short-cut to the main program executable (called *Aces6.exe*) or check that it has already been included on the computer's *Start Menu*.
- Edit the *ACES.SYS* file on the server so that the path specifications point to the appropriate folders. A typical *ACES.SYS* setup is shown below (where *X* represents the server path). If the program is to be installed at the root level enter only *X:* for the system path (and not *X:*).

ACES SYSTEM CONFIGURATION FILES

This configuration table enables global parameters and logical drives and paths to be allocated to all files used by the ACES system.

NOTE: Modify only the values appearing to the RIGHT of the COMMA.

<i>Drive and path for SYSTEM & PROGRAM files</i>	<i>, X:\Aces6</i>
<i>Drive and path for VEHICLE files</i>	<i>, X:\Aces6\vehicles</i>
<i>Drive and path for SCRATCH and TEMPORARY files</i>	<i>,C:\Program Files\Aces\tempdata</i>
<i>Drive and path for RESULTS and OUTPUT files</i>	<i>,C:\Program Files\Aces\outpdata</i>
<i>Drive and path for permanent USER MODEL files</i>	<i>, X:\Aces6\userdata</i>
<i>Full path specification & name of HTML browser</i>	<i>,C:\Progra~1\Intern~1\iexplore.exe</i>
<i>Path and name of Continuous Beam interface</i>	<i>, X:\Aces6\aces-beam.exe</i>

Note that the path specification for *TEMPORARY* and *RESULTS* files must be identical on all client PCs. Although full path names can be used for specifying target destinations on client PCs the path specification for the HTML browser must conform to the old DOS 8-character limit. In the example shown above help files will automatically be saved to the *X:\Aces6\HelpFiles* folder.

If users wish to save model files and vehicle data to their own PC (rather than the server) then configure the *..\Userdata* and *..\Vehicles* paths accordingly.

4. CONFIGURING for TEMP DATA STORED onto SERVERS

- Refer to this section only if user temporary model and scratch files are to be stored directly onto servers. Note that some of these files can be very large, so ACES may appear to run slowly if the network has significant traffic or covers long distances.
- A working directory (e.g. *X:....\Aces*) with two subfolders must be created for each user within their designated server domain. The subfolders *must* have the names *Tempdata* and *Outpdata* (e.g., *X:....\Aces\Tempdata* and *X:... \Aces\Outpdata*).
- Once the relevant subfolders have been created for each user, copy the contents of the *..\Aces6\Tempdata* directory from the server into the corresponding user subfolder. Also, copy the *ACES.SYS* file from the server to each user's working directory (e.g., *X:... \Aces*).
- On the desktop of each client PC create a shortcut to the main program executable (called *Aces6.exe*) or check that it has already been included on the computer's *Start Menu*.
- Open the "Properties" attribute of the shortcut and make sure that the target, or location, path specification points to the executable (*Aces6.exe*) on the server (*Y:... \Aces6*) and the "Start in" path points to the working directory set up for that user on the server (e.g. "*X:... \Aces*").
- Edit the *ACES.SYS* file in each user's working directory so that the path specs point to correct folders. A typical *ACES.SYS* setup is shown below (where *Y* represents the server path). If the program is to be installed at the root level enter only *Y:* for the system path (and not *Y:*).

ACES SYSTEM CONFIGURATION FILES

This configuration table enables global parameters and logical drives and paths to be allocated to all files used by the ACES system.

NOTE: Modify only the values appearing to the RIGHT of the COMMA.

Drive and path for SYSTEM & PROGRAM files , *Y:\..... \Aces6*
Drive and path for VEHICLE files , *Y:\..... \Aces6\vehicles*
Drive and path for SCRATCH and TEMPORARY files, *X:\... \Aces\tempdata*
Drive and path for RESULTS and OUTPUT files , *X:\... \Aces\outpdata*
Drive and path for permanent USER MODEL files , *X:\... \Aces\userdata*
Full path specification & name of HTML browser , *C:\Progra~1\Intern~1\iexplore.exe*
Path and name of Continuous Beam interface , *Y:\..... \Aces6\aces-beam.exe*

Note that the path specification for SYSTEM files *must* be identical for all clients. Although full path names can be used for all subfolders the path specification for the HTML browser *must* conform to the old DOS 8-character limit. In the example shown above help files will automatically be saved to the *Y:\... \Aces6\HelpFiles* folder.

If users wish to save model files and vehicle data files to different subfolders on the server then configure the *..\Userdata* and *..\Vehicles* paths accordingly.

5. ACES-BEAM

- You must purchase a licence for this module if you wish to use it. Note that if you do not have a valid licence for the module it will only run in demo/evaluation mode.
- For networked systems, if the continuous beam module does not run properly it will be necessary to install *ACES-BEAM* run-time library files onto each client PC (some of them may not be present on the target machine). In this event use the option "*Install ACES-BEAM library files*" from the CD installation menu and follow all directions. (Do *not* install the full program).

6. DELETING ACES

- This procedure can only be used for deleting Version 5.X or 6.X systems. Older versions of ACES (such as V3 and 4) can be removed by simply deleting the entire folder using *Windows Explorer*.
- From the distribution CD submenu click “*Delete/Uninstall ACES*”. If the *File Download* dialog box appears, click *Open* (or *Run*) then follow the prompts (ignore all file security messages).
- The delete function is part of the overall installation process. Once it has been activated the system will ask you what you wish to do: *Modify, Repair, Remove* - select the last option and follow instructions.
- After you have completed this part of the un-install process use *Windows Explorer* to delete any remnant ACES files and folders that may still be left on your system.

7. RUNNING ACES UNDER VISTA

If problems are experienced in running ACES under Microsoft *VISTA*:

- Check that all folders and subfolders created during the installation (including user project and data files) have full read and write permission by the user.
- Bring up the *Properties* dialog box for the main *Aces6.exe* executable file, select the *Compatibility* tab and tick the box relating to running ACES under XP.

8. TECHNICAL SUPPORT

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