# ASPIINST.EXE
Rev 1.0

Aspiinst.exe is a Win32 based application that can either be ran from the RUN option in the Start menu or from a Command Prompt dialog box.  It will not execute from an MS-DOS only environment.

*Requirements:*
The installation files must be present in the same directory as the installation utility in order to begin the installation correctly.  The installation files are compressed so the file extension will end with an underscore.  Before any modifications are made to the system, the utility will check if the correct installation files are present before proceeding.  If not, the utility will exit and display a dialog box indicating which files are missing for the particular operating system being used.

The following files should be present for each operating system:

| Windows 98 / ME | ver | Windows NT 4.0 | ver | Windows 2000 | ver | Windows XP | ver |
|---|---|---|---|---|---|---|---|
| WNASPI46.DL_ | 4.60 | WNASPI32.DL_ | 4.70 | WNASPI2K.DL_ | 4.70 | ASPIXP.SYS (32-bit) | 4.70 |
| APIX46.VX_ | 4.60 | ASPI32.SY_ | 4.70 | ASPI2K.SY_ | 4.70 | WNASPIXP.DLL (32-bit) | 4.70 |
|  |  | WINASPI.DL_ | 4.60 | WINASPI.DL_ | 4.60 | ASPI64.SYS (64-bit) | 4.70.8 |
|  |  | WOWPOST.EX_ | 4.60 | WOWPOST.EX_ | 4.60 | WNASPI64.DLL (64-bit) | 4.70.8 |

*\*Windows 3.1 / 95 not supported*

The following command line options are available for use.  They are case insensitive; there is no specific order; and no limitation on the number of options that may be specified.

FORCE       This option allows the utility to force an upgrade whether the current file installed on the operating system is older or a previous version.

SILENT       This option suppresses the dialog boxes that would normally be displayed during an installation.  It will allow for debug dialog boxes to be displayed if the DEBUG option is specified.

DEBUG       This option will allow for debug dialog boxes to be displayed during an installation.  This includes dialog boxes displayed as a result of operating system errors and internal installation errors from the utility.

VERSION     When this option is specified all other options will be ignored.  It will display the version of the utility and exit.  There will be no modifications to the system.

( e.g. **aspiinst.exe debug silent force** )

*Status Codes Returned From ASPIINST.EXE*

| Status Codes | Value | Description |
|---|---|---|
| DISPLAY_COMMAND_LINE_OPTIONS | 0x02 | Display command line options |
| DISPLAY_UTILITY_VERSION | 0x03 | Display version of installation utility |
| UPG_ERROR_MODULE_PATH_PARSE | 0x04 | Error encountered while parsing path |
| UPG_SUCCESS_UPGRADE_REBOOT_NEEDED | 0x07 | Installation complete, reboot needed |
| UPG_ERROR_COPY_RUNNING | 0x09 | Copy of ASPIINST.EXE all ready running |
| UPG_ERROR_UPGRADE_CANCELLED | 0x0A | Upgrade/Installation cancelled |
| UPG_ERROR_CURRENT_PATH | 0x0B | Error obtaining ASPIINST.EXE path |
| UPG_ERROR_WINDOWS_PATH | 0x0C | Error obtaining Windows path |
| UPG_ERROR_SYSTEM_PATH | 0x0D | Error obtaining Windows System path |
| UPG_ERROR_GET_CUR_DIR | 0x0E | Error obtaining installation file path |
| UPG_ERROR_SET_CUR_DIR | 0x0F | Error setting current working directory to installation / original file path |
| UPG_ERROR_MISSING_FILE | 0x10 | Missing a required installation file for the current operating system |
| UPG_ERROR_CREATEFILE | 0x11 | Could not open file handle to either source/destination file |
| UPG_ERROR_COPYFILE | 0x12 | Could not expand/copy source file to destination file |
| UPG_ERROR_DELETEFILE | 0x13 | Error occurred while removing a file |
| UPG_ERROR_DELETE_KEY | 0x14 | Unable to delete registry key |
| UPG_ERROR_NO_MEMORY | 0x16 | Unable to allocate memory for file version checking |
| UPG_ERROR_INTERNAL | 0x18 | Internal error in updating ASPI |
| UPG_ERROR_BAD_PLATFORM | 0x19 | Invalid/Unsupported operating system e.g. Windows 3.1 |
| UPG_ADJUSTTOKENPRIVILEGES | 0x1C | Error adjusting user's privileges |
| UPG_ERROR_EXITWINDOWSEX | 0x20 | Exiting windows |
| UPG_ERROR_OPENPROCESSTOKEN | 0x25 | Error accessing user's privileges |
| UPG_ERROR_REGCREATEKEY | 0x26 | Error creating registry key for ASPI32 |
| UPG_ERROR_REGSETVALUEEX | 0x27 | Error setting registry value under ASPI32 |

*NOTE : Status codes are subject to addition, modifications, or deletions.

**NOTE : Invalid command line options will not be processed so no error code is defined for such a case.