



Cadra 2006Plus Service Pack 2 Release Notes

SofTech is pleased to provide you with this service pack for the Cadra 2006Plus Release. This service pack includes a number of corrections to the Cadra 2006Plus release. This document will describe how to install the service pack and briefly review the changes to Cadra.

This service pack can be installed on top of Cadra 2006Plus (2006Plus-008) and service pack 1 (2006Plus-015) only.

Some New Environment Variables

Some new environment variables have been added for Edit on Doubleclick and suppressing a DXF/DWG write warning.

Edit on Doubleclick was a new feature added to Cadra in the 2006Plus release to place the user in the appropriate edit mode for an entity that was double-clicked. It was determined that when performing a Move function this was never a desirable behavior and so Edit on Doubleclick has been permanently disabled when in the Move function. For those who would prefer to enter the edit mode for an entity double-clicked in the Move function a new environment variable has been added. To cause the original behavior of entering the edit mode for an entity double-clicked in the Move function define this variable:

```
ENABLE_DOUBLECLICK_EDIT_FOR_MOVE=1
```

Some would prefer to not have the Edit on Doubleclick behavior ever occur. To disable the Edit on Doubleclick behavior define:

```
DISABLE_DOUBLECLICK_EDIT=1
```

When saving a multi-view AutoCAD DXF/DWG file and there are non-one scaled views Cadra now prompts the user to output such a file using paperspace viewports if the user has not already chosen that mode. A new environment variable has been introduced to prevent this prompt dialog:

```
DXF_DISABLE_SCALED_VIEWS_PROMPT=1
```

With this variable defined the dxf/dwg file will be output using the options the user has chosen regardless of the existence of non-one scaled views in the Cadra drawing.

File Compression

The file compression scheme has been altered to better ensure that a file is not deleted before a successful compressed version of the file has been created. Due to this change the following new error messages may be issued when a file is saved. They mean that an uncompressed version of the file was saved instead of a compressed version.

```
Could not compress file.  
Could not compress file, directory access error.
```

The following message has been added to the file read process in the case that a decompression failure is the reason for a file read failure:

Could not decompress compressed Cadra file.

Corrective Maintenance

This table lists the problems that have been addressed in this service pack.

SOFTECH SPR NUMBER	DESCRIPTION
57201	The Cadra COM interface caused a Cadra failure.
57225	Bad handling of DXF dimensions in a fractional form caused denominators to disappear
57235	Plot papersize inconsistency.
57241	Getting "invalid entity type" error when saving a file.
SPR1003	Cadraplt process failed if GetPrinter API required a larger buffer than given.
SPR1005	Control-P followed by Alt-I caused a Cadra failure.
SPR1009	Disable Edit on Doubleclick when in the Move function
SPR1013	Need way to disable DXF/DWG scaled view prompt dialog
SPR1024	Delete/check function was reporting inconsistent information.
SPR1025	Opening a larger file after opening a smaller file caused a database corruption error
SPR1030	Circles were becoming ellipses on IGES read.
SPR1045	Some dimension styles were begin written as exploded on output to dxf/dwg.
SPR1051	Mouse movement was incorrectly registering multiple Choice button clicks.

This table lists the problems that have been addressed in service pack 1.

SOFTECH SPR NUMBER	DESCRIPTION
56855	Running a non-ending AutoGeometry program hangs Cadra on Windows XP.
57005	Read of a specific DXF file causes Cadra to fail.
57144	Lines were disappearing after a group/explode ent operation.
57146	File Open dialog text was displayed incorrectly on a Korean system.
57156	Cadra was failing when doing a page up/down operation with automatic backup turned on.
57159	Read of a specific DWG file with splines causes Cadra to fail.
57161	DISABLE_AUTOMATIC_ZOOMPAN causes some menu operation errors.
57162	Write of a specific DXF file with crosshatch causes Cadra to fail.
57163,57172	Read of a specific DWG file with NURBs causes Cadra to fail.
57165,57167,57169	Cadra was sometimes failing when moving entities or constructing figures.
57166	Reading of a specific DWG file causes a Cosine/Sine out of range error.
57170	The FLM license server was erroneously reaching its connection limit.
57173	Plots to the system printer on a Japanese system were drawing an erroneous extra line.
57175	A cut operation was causing a software failure with a specific file.

Installing Service Pack 2 for Cadra Version 2006Plus

This Service Pack is designed to work with the Windows version of Cadra 2006Plus only. DO NOT attempt to upgrade any other version.

This Service Pack upgrades Cadra 2006Plus-008 or 2006Plus-015 to 2006Plus-021.

The Service Pack is distributed as a self-extracting zip file. There are two such service pack files of differing size:

- cadra2006Plussp2.exe contains NC images (size: 11.1 MB)
- cadra2006Plussp2nonc.exe does not contain NC images (size: 6.3 MB)

Verify that you are running version 2006Plus-008 or 2006Plus-015 by selecting Help/About Cadra... to display the About Cadra dialog box. The Cadra version number is shown in this dialog box.

Exit from Cadra after verifying that you are running the correct version and before continuing with this upgrade. If the machine you are upgrading is serving Cadra licenses, then you must also stop the FLM service.

If you downloaded the Service Pack (cadra2006PlusSp2.zip) from the Cadra FTP site or the Softech bulletin board, the steps in performing the upgrade are:

1. Call Cadra Customer Service and obtain the password required to unzip the file.
2. Unzip the cadra2006PlusSp2.zip file.
3. Start an Explorer window if you do not have one open.
4. Make sure you have 25 MB of free space on the disk that holds your standard TEMP directory. For most users this is your C: drive. Using your mouse, right-click on the icon for this drive and select Properties from the menu. Explorer displays a dialog box that shows how much space is free.
5. Install the Service Pack by double-clicking on the unzipped Service Pack executable, cadra2006PlusSp2.exe. When the self-extracting program starts, it displays a dialog box with three buttons: SETUP, CANCEL and ABOUT. Click the SETUP button to proceed. A dialog box opens and shows you where Cadra is installed. The upgrade is performed on the files in this directory.
6. A check box lets you have the update procedure create a backup of the replaced files in the event you wish to restore the previous version of Cadra. This box is checked by default. The backup files are placed in a subdirectory named save_old.sp\2006Plus.2 under the Cadra directory. A message box lets you know when the update is complete.
7. Using Explorer, navigate to the directory where Cadra is installed and double-click Version.exe to verify that your version of Cadra is now Service Pack 1 compliant. Next, start Cadra and verify the version has been updated to 2006Plus-021 by clicking Help/About Cadra...
8. You may now delete the Service Pack zip file, cadra2006PlusSp2.zip, from its original download location as it is no longer needed.

If you obtained the Service Pack on CD the steps in performing the upgrade are:

1. Place the CD in the CD-ROM drive.
2. The setup program on the CD should start automatically. If it does not, then:
 - Start and Explorer window if you do not have one open.
 - Using Explorer, navigate to the CD-ROM drive.
 - Install the Service Pack by double-clicking Setup.exe.
3. A dialog box opens and shows you where Cadra is installed. The update is performed on the files in this directory.
4. A check box lets you have the update procedure create a backup of the replaced files in the event you wish to restore the previous version of Cadra. This box is checked by default. The backup files are placed in a subdirectory named save_old.sp\2006Plus.2 under the Cadra directory. A message box lets you know when the update is complete.
5. Using Explorer, navigate to the directory where Cadra is installed and double-click Version.exe to verify that your version of Cadra is now Service Pack 1 compliant. Next, start Cadra and verify the version has been updated to 2006Plus-021 by clicking Help/About Cadra...
6. Remove the CD from the CD-ROM drive.

To restore Cadra to the previous version (2006Plus-008), first close Cadra if it is running. Then copy the files in the save_old.sp\2006Plus.2 directory under the Cadra root directory into the Cadra root directory.

If you have questions about this update call Cadra Customer Support at (800) 321-2372.

Platform Support

This release has been qualified for the platforms listed in the table below. The CD distributed with this update release contains software for all the supported platforms.

Workstation	Operating System	Revision Level
Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended	Windows XP Pro	Service Pack 2
Computer with a supported processor: AMD Athlon 64, AMD Opteron, Intel Xeon with Intel EM64T support, Intel Pentium 4 with Intel EM64T support.	Windows XP Pro 64 Edition	Service Pack 1
Pentium-compatible CPU	Windows 2000	Service Pack 2-4
Requirements vary by edition. See link provided: http://www.microsoft.com/windowsserver2003/evaluation/sysreqs/default.mspx	Windows Server 2003	Service Pack 1
1 Gigahertz (GHz) 32-bit (x86) processor or 1-GHz 64-bit (x64) processor	Windows Business Vista	

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