

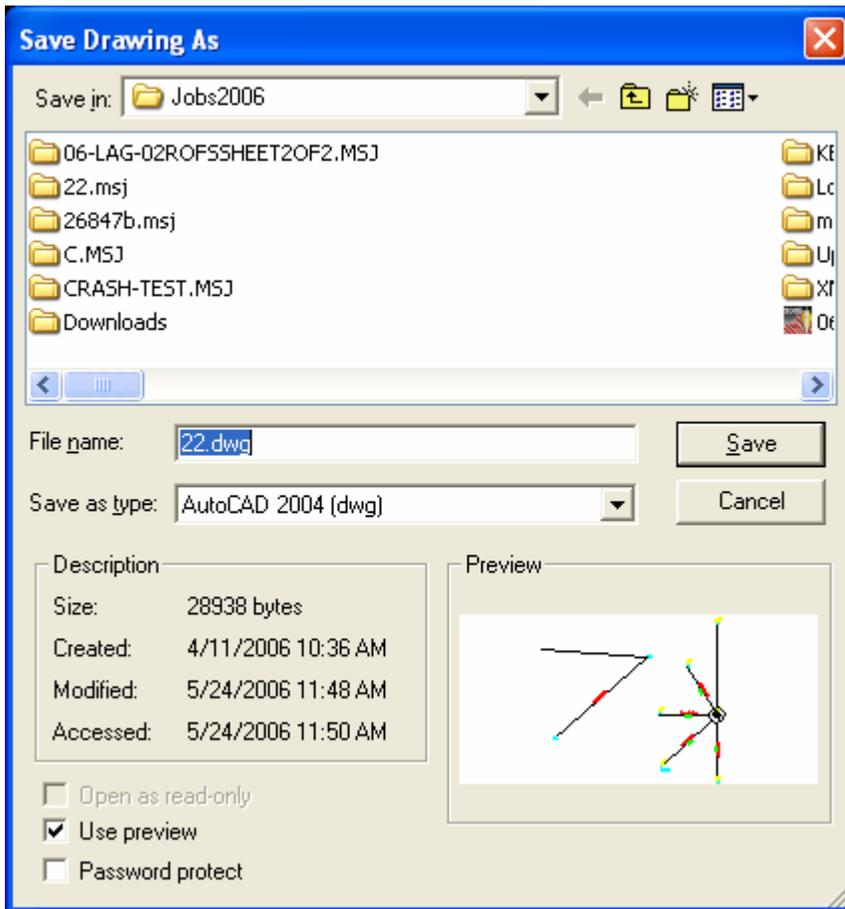
May 26, 2006

SAVE, QSAVE and AutoSave are not all the same!

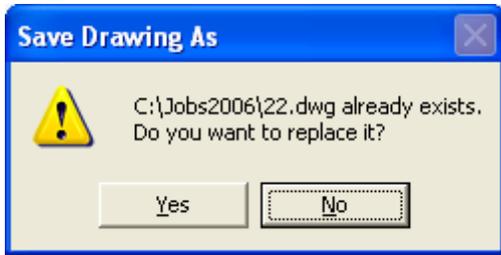
- If they are not the same then what do they do differently?
- What does each command actually do?
- What about the MSBACKUP command?

SAVE:

When you type in SAVE, it actually does the same as the SAVEAS command. It will ask you for a new name and give you the ability to pick a folder to save the drawing in via this dialog box.



If you do not change the drawing name or the folder location, leaving everything as it was, then you will be asked the following:



Answer yes and it replaces the DWG on the hard drive with this newer copy.

It also takes the Survey Database and saves it at the same time.

The JOBNAME.MSJ folder and it's contents (which is the live working database) is compressed together and saved to a file called JOBNAME.MSD. So you would automatically have a MSD file for this drawing saved in the same folder.

So what you actually get on the hard drive is the following (JOBNAME is whatever drawing name you used):

JOBNAME.DWG
JOBNAME.MSD

If these files already existed when you ran the save command, then the previous copies would be automatically renamed to:

JOBNAME.BAK
JOBNAME.MBK

Where the BAK file is the previous save of the DWG file and the MBK is the previous save of the MSD file. If there were already files with the BAK and MBK extension, they would be replaced by the newer copy.

If you ever need to use the backup files, simply rename the BAK file to DWG and the MBK file to MSD, via Windows Explorer or My Computer (You may also need to rename the existing DWG and MSD, or delete them, to be able to rename the backup files) – then you can open the drawing and database using the MicroSurvey Project Manager.

QSAVE:

Type this in (or pick SAVE from the File menu – or pick the SAVE button on the toolbar ) and the program does a Quick Save of the drawing using the current folder and drawing name. *It also saves the database at the same time.*

The JOBNAME.MSJ folder and its contents (which is the live working database) is compressed together and saved to a file called JOBNAME.MSD. So you would automatically have a MSD file for this drawing saved in the same folder.

So what you actually get on the hard drive is the following (JOBNAME is whatever drawing name you used):

JOBNAME.DWG
JOBNAME.MSD

If these files already existed when you ran the qsave command, then the previous copies would be automatically renamed to:

JOBNAME.BAK
JOBNAME.MBK

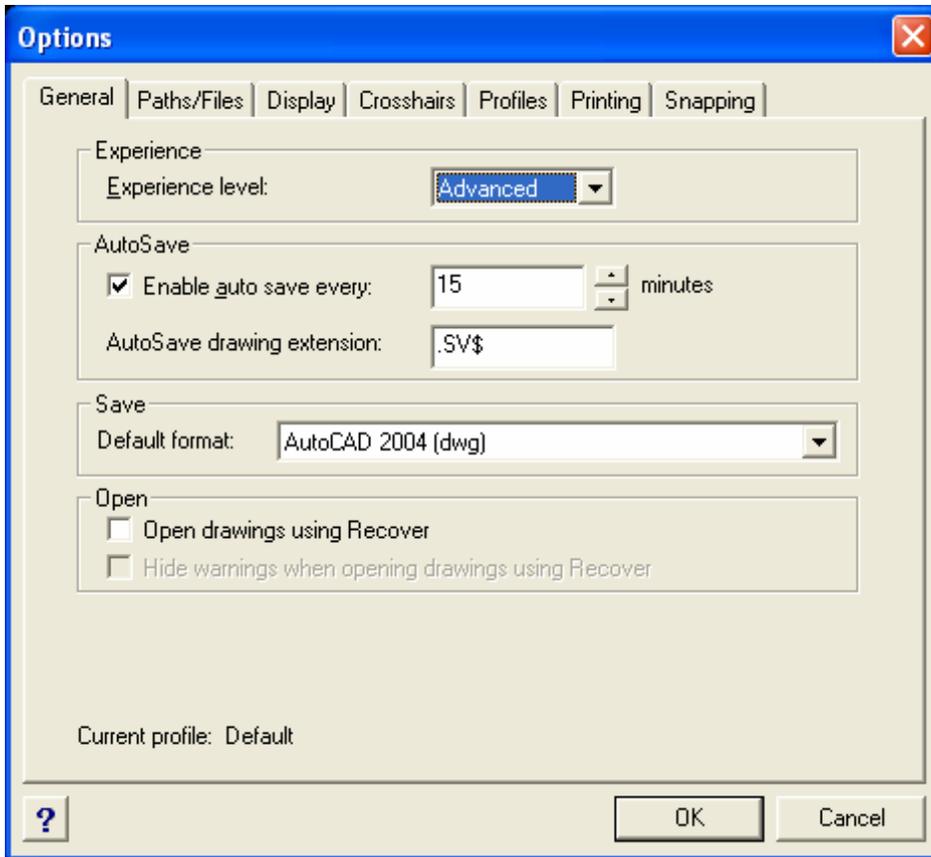
Where the BAK file is the previous save of the DWG file and the MBK is the previous save of the MSD file. If there were already files with the BAK and MBK extension, they would be replaced by the newer copy.

If you ever need to use the backup files, simply rename the BAK file to DWG and the MBK file to MSD, via Windows Explorer or My Computer (You may also need to rename the existing DWG and MSD, or delete them, to be able to rename the backup files) – then you can open the drawing and database using the MicroSurvey Project Manager.

AutoSave:

AutoSave is not a command you type in or pick on a menu or toolbar to run. It is a setting on the program.

Go to the CadTools menu -> Options or type in CONFIG to bring up this dialog.



If you turn the AutoSave on, you can also set the interval in minutes. The default file extension is SV\$.

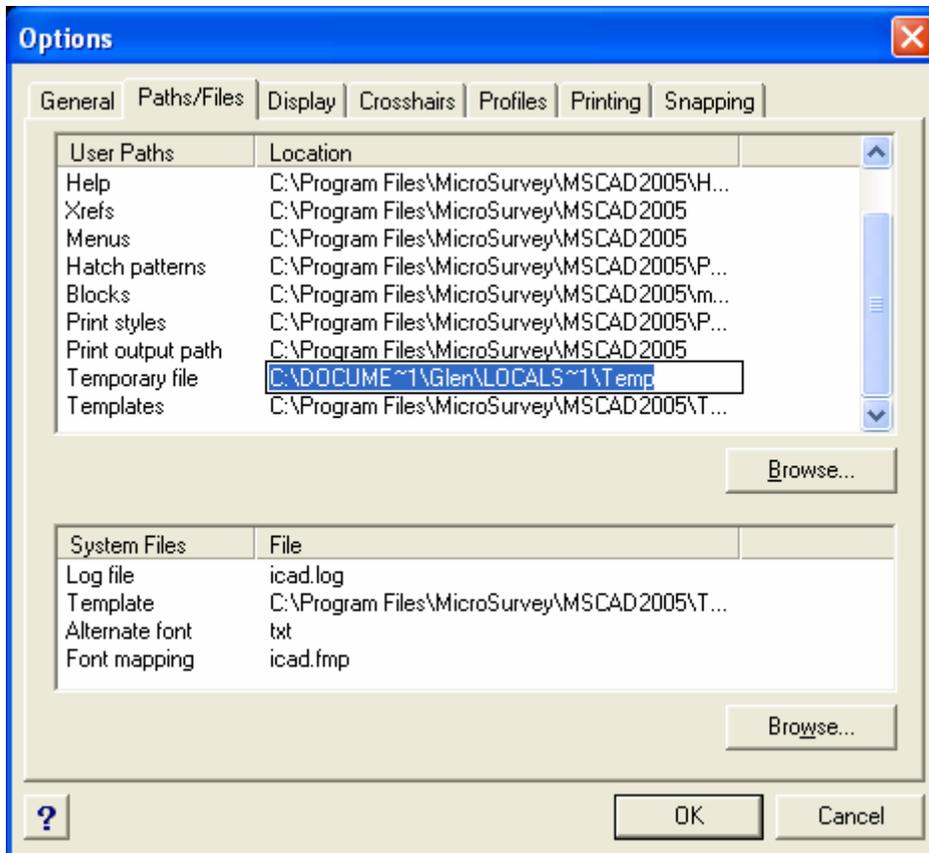
So when you are working in a drawing, when the time interval has elapsed, the current drawing is automatically saved to the hard drive as JOBNAME.SV\$. It is placed in a different folder than what the save or qsave commands use. The location is controlled under the Paths/Files tab of the same dialog.

In this example it would be saved in the following folder:
C:\DOCUME~1\Glen\LOCALS~1\Temp (short form listing)
C:\Documents and Settings\Glen\Local Settings\Temp (full path listing)

Where Glen is the user name that you are logged in under.

NOTE – This FAQ document also covers information on finding the SV\$ file via Windows Explorer or My Computer

<http://www.microsurvey.com/support/mscad/MSCAD2005Q&A.htm>



If the SV\$ file already exists then it is renamed to JOBNAME.BAK in this same folder.

NOTE: What the Autosave does not save in any way shape or form is the Survey Database. This is a CAD function only and only the drawing is saved to the SV\$ and BAK files in this folder.

If you ever need to use the autosave files, simply rename the SV\$ file to DWG (You could also rename the BAK file to DWG, if required, instead of the SV\$ file, if you needed the older file revision) and copy it to your working folder via Windows Explorer or My Computer. You may need to either delete or rename any existing DWG file of the same name. Then you can open the drawing and database using the MicroSurvey Project Manager. You should turn the Audit Database and Drawing on Load option on being the drawing and database may not match being the database is newer than the drawing.

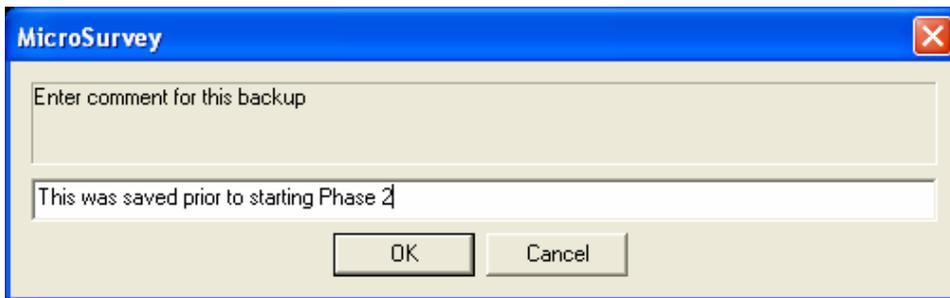
MSBACKUP:

We have added another command to the file menu called MSBACKUP. This can be used to help create extra backups of both the drawing and database files.

The first thing you will be asked is:

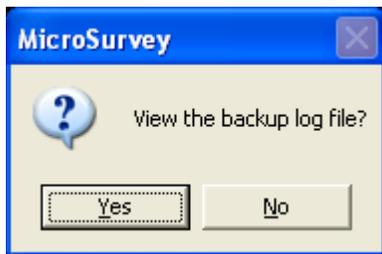


This log file keeps a running list of comments, if you add any, along with a report of what files were copied and when.

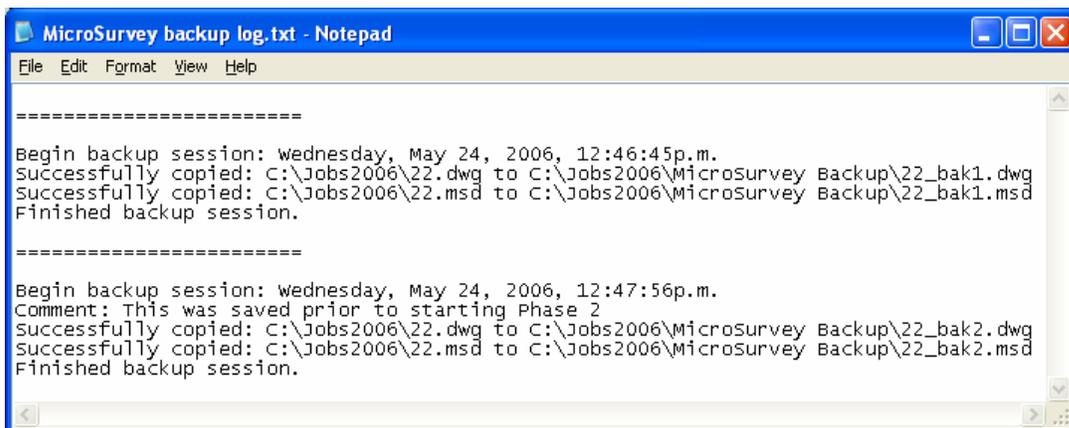


The log file name and location will be displayed on the command line.
Appended to log file C:\Jobs2006\MicroSurvey Backup\MicroSurvey backup log.txt

Then you are asked if you wish to view the log file.



Answer yes and you see the following type of report:



The first time you run the command the DWG and MSD files are saved in the same folder as the LOG file, with the following names:

JOBNAME_BAK1.DWG
JOBNAME_BAK1.MSD

The next time you run it in this same job you would get the following files:

JOBNAME_BAK2.DWG
JOBNAME_BAK2.MSD

Each time the number will increment by 1.

These files can be opened directly from the MicroSurvey Project Manager and do not need to be renamed.

Review:

- 1) The AutoSave setting is the only command here that does **not** backup your survey database. AutoSave also saves the drawing to a different folder with the SV\$ file extension.
- 2) The Save, Saveas and Qsave commands all backup the drawing and database in the working folder.
- 3) The Msbackup command makes a copy of the current drawing and survey database to another predetermined folder and modifies the drawing and database names to reflect the backup.

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