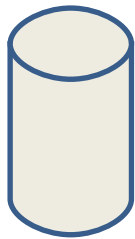


# Easy Sync

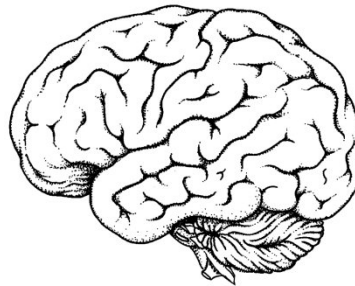
## 3.0

# Synchronisation

Is it so simple?



A



?



B

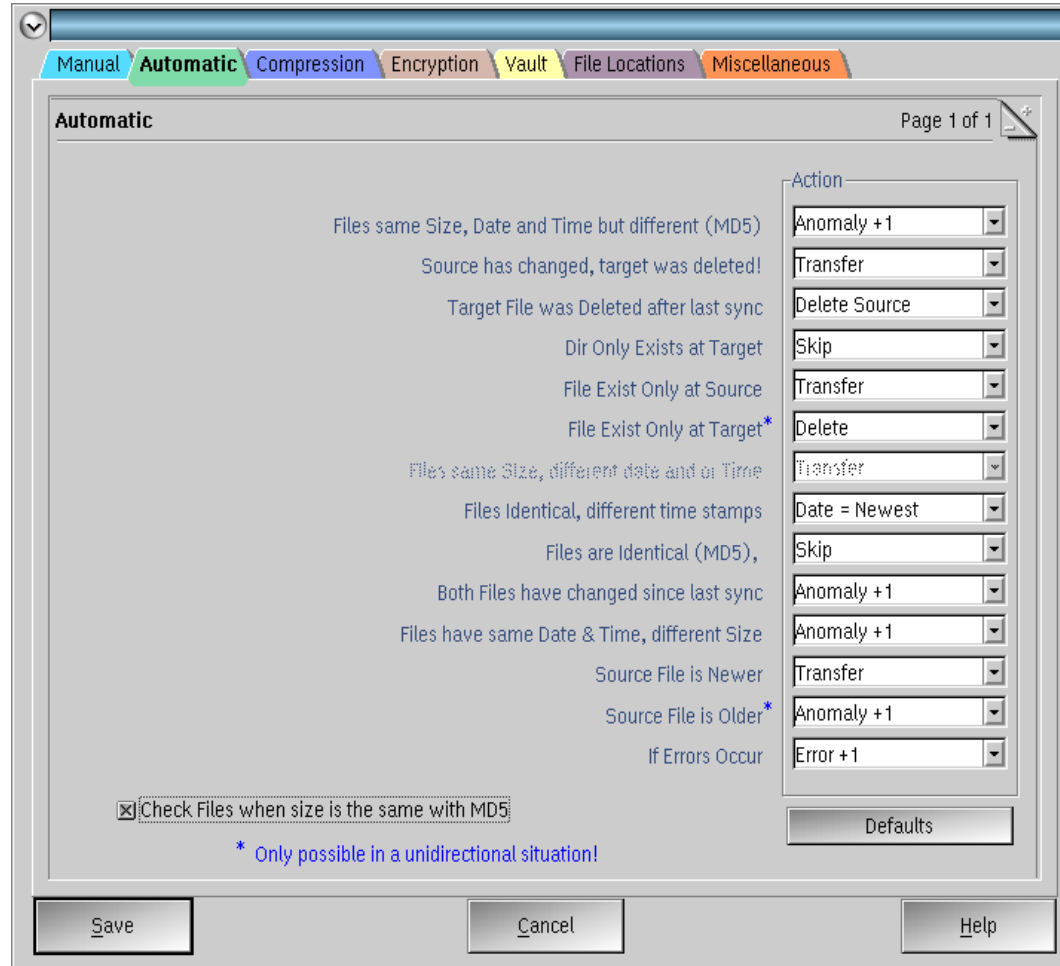
# Synchronisation

Is it so simple?

- Should a file be copied if it was updated?
  - Yes the newer file should be copied
  - But what if the other file was also changed

# Synchronisation

Is it so simple?



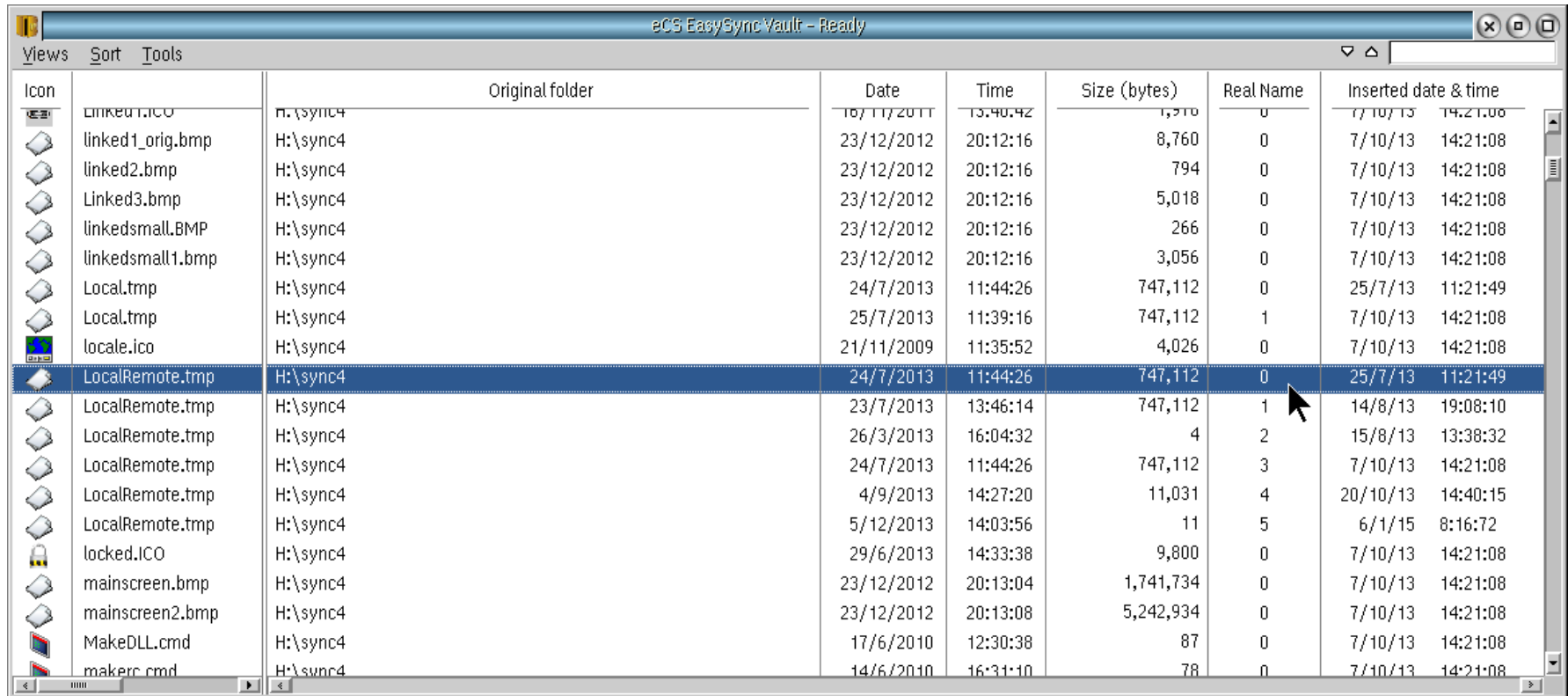
# Synchronisation

Is it so simple?

- What happens if something goes wrong or I make a mistake
  - All files that are overwritten are copied to a special location called The VAULT.
  - The vault can contain as many versions of a file as required. If this number is exceeded then the oldest file is removed.

# Synchronisation

Is it so simple?



The screenshot shows the eCS EasySync Vault application window. The title bar reads "eCS EasySync Vault - Ready". The interface includes a menu bar with "Views", "Sort", and "Tools". Below the menu bar is a table with columns: "Icon", "Original folder", "Date", "Time", "Size (bytes)", "Real Name", and "Inserted date & time". The table lists various files, including icons, BMPs, tmp files, and commands. The file "LocalRemote.tmp" is highlighted in blue, and a mouse cursor is pointing at the "Real Name" column for that row.

Icon	Original folder	Date	Time	Size (bytes)	Real Name	Inserted date & time
linked1_orig.bmp	H:\sync4	23/12/2012	20:12:16	8,760	0	7/10/13 14:21:08
linked2.bmp	H:\sync4	23/12/2012	20:12:16	794	0	7/10/13 14:21:08
Linked3.bmp	H:\sync4	23/12/2012	20:12:16	5,018	0	7/10/13 14:21:08
linkedsmall.BMP	H:\sync4	23/12/2012	20:12:16	266	0	7/10/13 14:21:08
linkedsmall1.bmp	H:\sync4	23/12/2012	20:12:16	3,056	0	7/10/13 14:21:08
Local.tmp	H:\sync4	24/7/2013	11:44:26	747,112	0	25/7/13 11:21:49
Local.tmp	H:\sync4	25/7/2013	11:39:16	747,112	1	7/10/13 14:21:08
locale.ico	H:\sync4	21/11/2009	11:35:52	4,026	0	7/10/13 14:21:08
LocalRemote.tmp	H:\sync4	24/7/2013	11:44:26	747,112	0	25/7/13 11:21:49
LocalRemote.tmp	H:\sync4	23/7/2013	13:46:14	747,112	1	14/8/13 19:08:10
LocalRemote.tmp	H:\sync4	26/3/2013	16:04:32	4	2	15/8/13 13:38:32
LocalRemote.tmp	H:\sync4	24/7/2013	11:44:26	747,112	3	7/10/13 14:21:08
LocalRemote.tmp	H:\sync4	4/9/2013	14:27:20	11,031	4	20/10/13 14:40:15
LocalRemote.tmp	H:\sync4	5/12/2013	14:03:56	11	5	6/1/15 8:16:72
locked.ICO	H:\sync4	29/6/2013	14:33:38	9,800	0	7/10/13 14:21:08
mainscreen.bmp	H:\sync4	23/12/2012	20:13:04	1,741,734	0	7/10/13 14:21:08
mainscreen2.bmp	H:\sync4	23/12/2012	20:13:08	5,242,934	0	7/10/13 14:21:08
MakeDLL.cmd	H:\sync4	17/6/2010	12:30:38	87	0	7/10/13 14:21:08
makerc.cmd	H:\sync4	14/6/2010	16:31:10	78	0	7/10/13 14:21:08

# Synchronisation

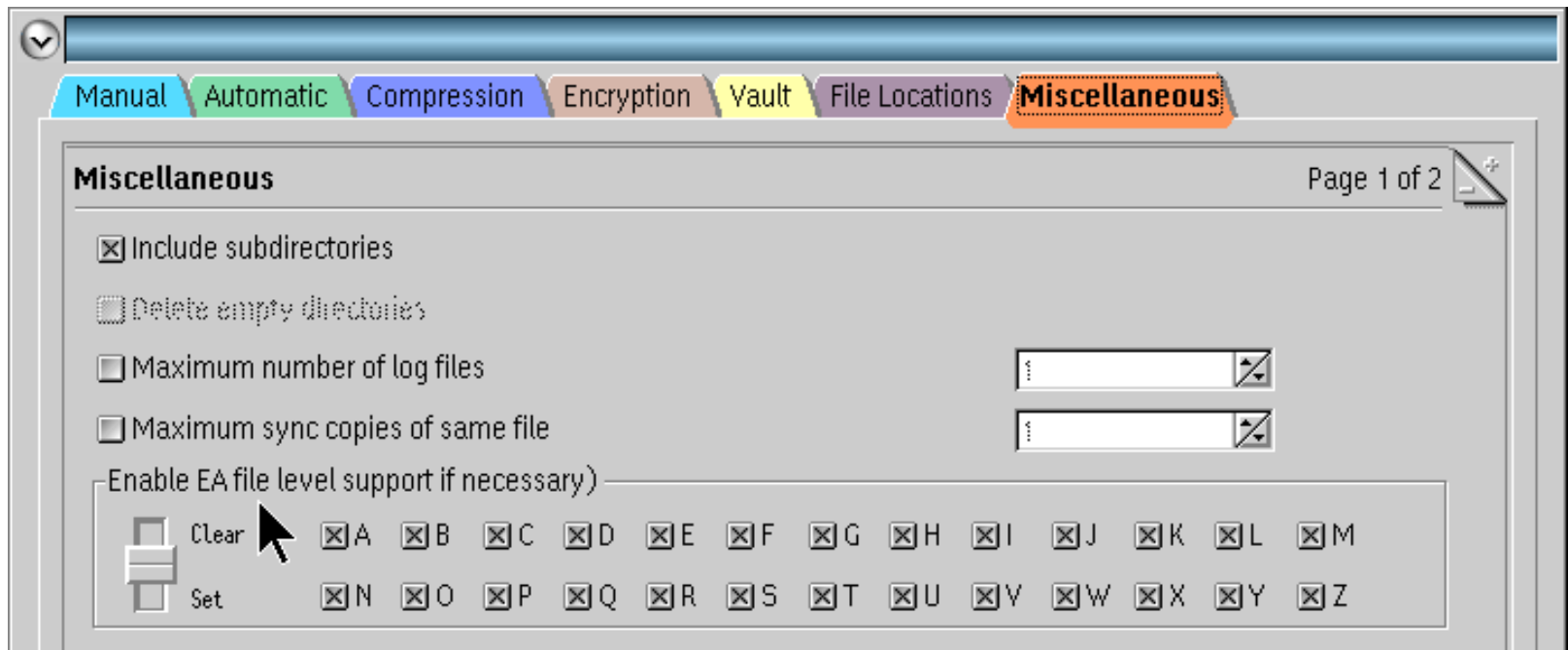
Is it so simple?

- What about Extended Attributes
  - All files are copied together with their extended attributes!
  - File systems that cannot handle extended attributes are not a problem. Easysync 3.0 saves the extended files in a database on the drive concerned.

# Synchronisation

Is it so simple?

- What about Extended Attributes



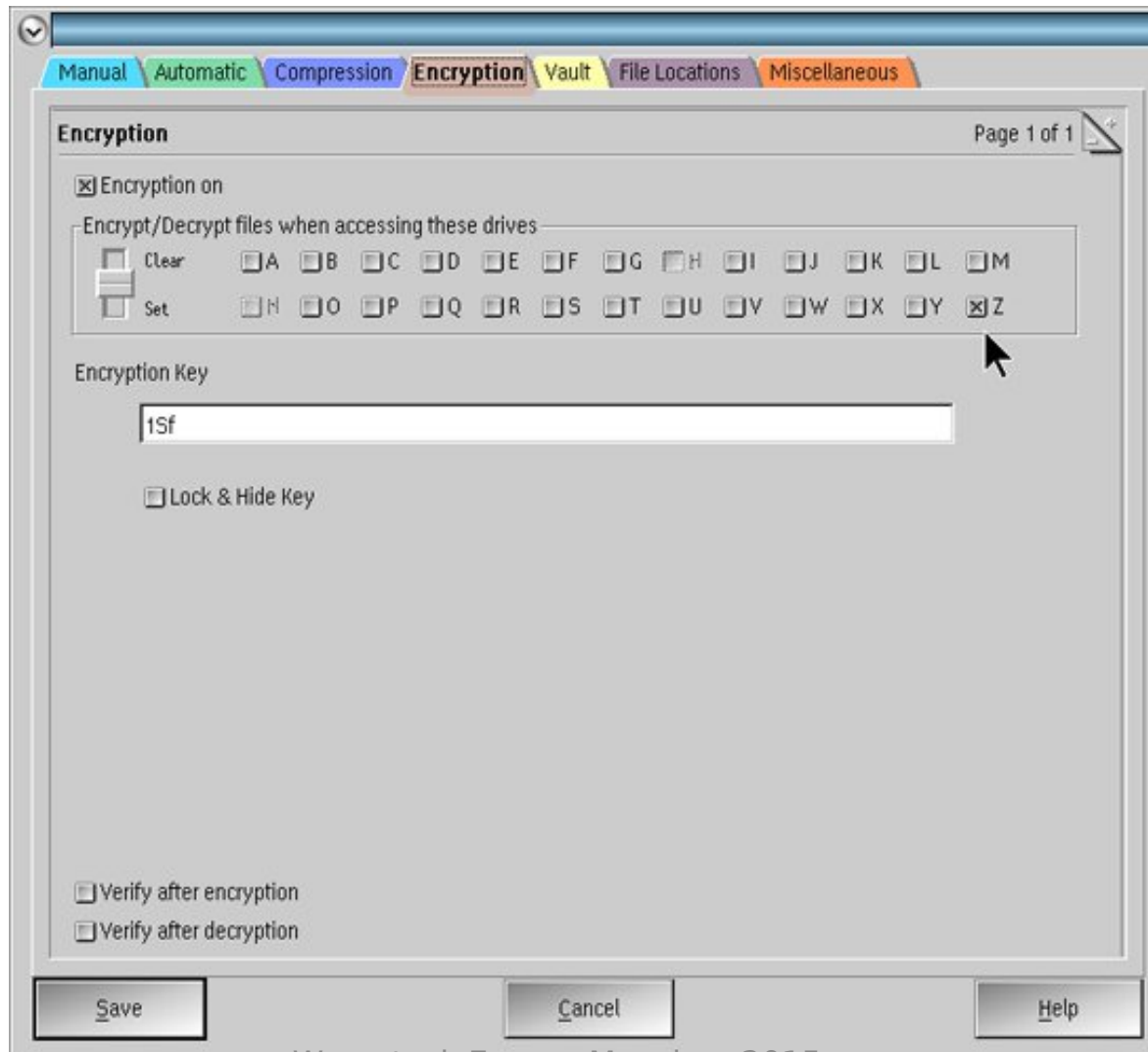


# Synchronisation

Is it safe?

- If I have data in the cloud is it safe
  - All files copied to a specific location can be encrypted!
  - The encryption is based on the AES 256 bit encryption algorithm
  - As a check both encryption and decryption can be verified by using MD5 checksums

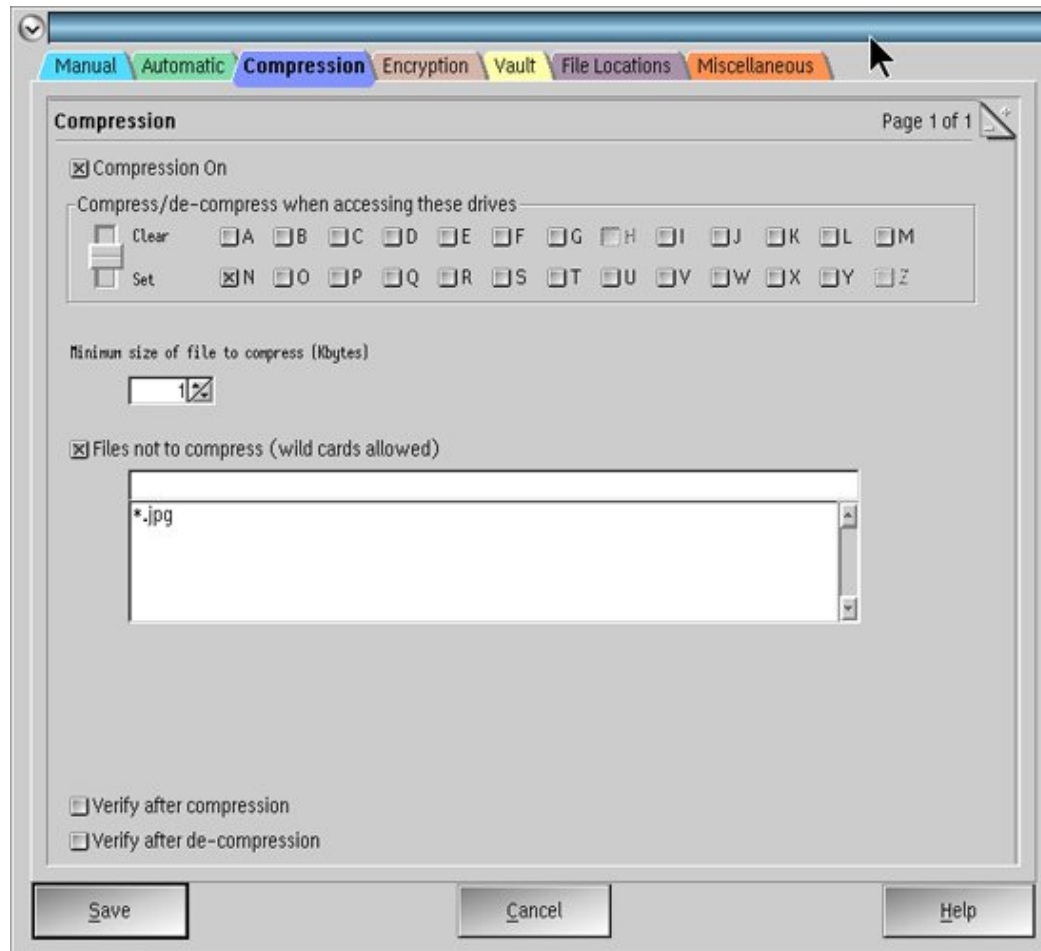
# Synchronisation encryption



# Synchronisation

- If the data takes up too much room
  - All files can be compressed.
  - A minimum file size before compressing a file can be specified
  - File types such as JPEG files can be excluded from the compression
  - As a check compression and decompression can be verified by using MD5 checksums

# Synchronisation



# Synchronisation

- Other minor updates:
  - Copy file indication
  - Additional Vault indicator



...A support for location active!



...A's not supported for location!

# Synchronisation

- EasySync can be purchased from



- SearchPlus and SigmaMD5 are also available from



# Synchronisation

- EasySync can be purchased during Warpstock for €20 ( $\pm$  50% discount) directly from me!
- This discount also applies to SearchPlus and SigmaMD5

# Synchronisation

- So to summarize version 3.0 :
  - supports EA's on file systems that do not directly support EA's with database checking facilities.
  - Can encrypt data using the AES 256 bit algorithm with keys of your choice. Provides additional security by providing checking after encryption and decryption.
  - Can compress data with optional size restraints and file filters. Provides additional security by providing checking after compression and decompression .
  - Better indication of transfer status
  - Verification option
  - Removed various bugs
  - The help files will only be in Dutch, English and German, the user interface supports Dutch, English, French, German, Italian, Spanish and Swedish



# Synchronisation

- The pre-release version is missing:
  - An updated help in all languages
  - User interface is currently only in Dutch, English and German. Other languages on request

# Synchronisation

- First a demo and then any questions

# EasySync

- EasySync is a synchronisation program with a simple but powerful graphical interface which shows which files which should be updated, files that have been deleted, files that are missing, files that are newer and older etc.. The soon to be released version 3.0 includes a number of important improvements and additions. This presentation will not only discuss these new functions and improvements but give an insight into the workings of this synchronisation program.

