- 1) SUMMARY
- 2) GENERAL OPTIONS
- 3) SYNCHRONIZATION
- 4) BACKUP

1) - SUMMARY

Syncronize Backup is software designed to safeguard data and integrates two separate solutions to reach this aim:

- 1) Syncronize
- 2) Backup

Syncronize is used for synchronization (a process finalized to render n paths identical) and Backup to perform real and proper backup copies. Although the program has been designed using an immediate and simple interface, the following indications can help to understand in a more detailed way the various functions of Syncronize Backup.

2) – GENERAL OPTIONS

Through this window the principle program settings can be accessed. This window can be accessed at any point in the program using the 'Configuration' option.

In the 'Start' menu, it is possible to set the program execution mode.

Global Options	
Startup Log Errors E-Mail FTP Timer Advanced Language	Help
Start Program	
• Normal Startup	
C Run Syncronize	
C Run Backup	
Start PC	
O Not load at Startup	
C Load at Startup	
C Load in System tray	
ок	Cancel

In the 'Log' menu, the options regarding reporting for each operation carried out are set. It is advisable to always enable the 'Update log file in case of errors' option. If the program creates too many Log files, it is possible to set this value to more than 100 KB.

🚰 Glot	al O	ptions							
Startu	p	Log	Errors	E-Mail	FTP	Timer	Advanced	Language	Help
Up	date	Log File							
C	Don't	Update log f	ile in case of	error					
·	Upda	te log file in (case of error						
	Maxii	num File Siz	e 500	КВ					
			_						
Sh	ow L	og Window							
0	Don't	show log w	indow on err	or					
0	Show	v log windov	v in case of e	rror					
·	Show	/ log windov	v in case of e	rror only at th	ne end of the	current opera	ition		
								ок	Cancel

In the 'Errors' menu it is possible to change some parameters that can be useful for more flexibility when errors occur. For some types of error, the program is configured to repeat the last operation, if the operation did not terminate correctly. In most cases, the default settings guarantee the best operating conditions and for this reason it is advisable to maintain these settings.

🚰 Global Options
Startup Log Errors E-Mail FTP Timer Advanced Language Help
Notify Errors
Alert on every error
C Alert only at the end of the current operation
Action on errors
Try next step even in case of error
C don't repeat the current operation in case of error.
On error try the operation again
Try the current operation again 4 times for every 5 seconds
OK Cancel

Selecting the 'Send E-Mail in case of errors' option, it is possible to insert an e-mail address that the program uses as a destination to notify any errors detected.

🚰 Global C	ptions							
Startup	Log	Errors	E-Mail	FTP	Timer	Advanced	Language	Help
Send E-	Mail							
C Dont'	send E-Mail in d	ase of error:	3					
C Send	l E-Mail in case (or errors						
E-Mail S	ietup							
Smtp	out.aliceposta	.it						
E-Mail								
	Test							
							ок	Cancel

Through this configuration panel, it is possible to insert several FTP servers to be used during backup or synchronization operations. An FTP server is a computer normally situated outside you own local area network. If you have an Internet site, it is possible to use part of the residual space as an additional resource to save data. For further information send an e-mail to: info@pro-software.it.

NB.

For the moment, Syncronize Backup supports only one server FTP for backup or synchronization operations.

🚰 Global Options						
Startup Log Errors	E-Mail	FTP	Timer	Advanced	Language	Help
FTP Server list	FTP Server	Configurat	ion			
	Description					
	Server name	(eg. ftp.micro	soft.com)	_		
	User Name			_		
New Delete	Password			Pass	ive Mode	
					ок	Cancel

If the backup or synchronization operations are to be programmed, select 'Run Syncronize' or 'Run Backup'. Then set the hour and the time interval desired. To make modifications effective, close and restart the program.

🚰 Global Options				
Startup Log E	rrors E-Mail FT	P Timer Adv	anced Language	Help
Start automatically	Time Setting			
O not autorun	💿 Standard (default mo	le)		
C Run Syncronize	interval	▼ start at		
C Run backup				
	Advanced (for exper	users only)		
Backup Type				-
Standard	Profile	Date Time	interval	
C Complete				Ē
C Incremental				
	~			
			ок	Cancel

NB.

If programmed operations are selected, the program will not be visible, but an icon will be shown on the application bar to signal that it is loaded. To make the programme visible again, press the left button on the mouse when positioned over the icon and select 'Show' as in the figure:

Syncronize Backup		
Syncronize Backup caricato e pronto per la sincronizzazione automatica	Mostra	
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If you own a very advanced PC or connections are very fast, changing the settings on the following figure allows the user to increase performance during backup or synchronization operations. Expert users should carry out these modifications.

NB.

Automatic PC shutdown only functions on a PC with 'administrator' user name authority and in some cases may not function due to a lack of authorization by the PC being used.

🔁 Glo	bal O	ptions						
Start	up	Log	Errors	E-Mail	FTP	Timer	Advanced	nguage Help
b	uffer c	onfiguratio	on					
c	Autom	natic (recom	nended)					
0	Manua	al buffer size	e (for expert u	isers only)				
loc	al Buf	fer (Kbyte)	1000	Lan Buffer (Kbytes)	500	FTP Buffer (Kbytes	
S	hutdo	wn PC (Win	idows 2000 (or later requi	ired)			
	Shutde	own all pc's	after backup	or synchroniz	ation			
	Shutd	own this pc	after backup	or synchroniz:	ation			
							ок	Cancel

3) - SYNCHRONIZATION

Before performing a synchronization operation, it is necessary to set the desired paths using the 'Source' and 'Destination' boxes. Using the 'Enable FTP mode' option, it is possible to select a path to a FTP server, if the user possesses the necessary parameters to configure the path. 'Single Mode' permits the user to synchronize n paths between themselves. If for example, the user wants to maintain several copies of the same data on various paths (an external hard disk, a CD writer, a FTP server, etc.) this mode can be useful. Multiple Mode (the preferred mode) is used to synchronize several paths, but not between themselves, maintaining a single copy. In this case there will always be a source drive and a destination drive. This is normally the most frequent mode used.

🚰 Select Paths	
Path Settings	Options
Mode	
C Single Mode	Multiple Mode
Paths	
	F Enable FTP Mode
Source C:\Documents and Settings\Marco Panza\Desktop\A\	FTP
Destination	
C:\Documents and Settings\Marco Panza\Desktop\B\	FTP
Source C:\Documents and Settings\Warco Panza\Desktop\A\	Destination C:\Documents and Settings\Marco Panza\Desktop\B\
	OK Cancel

Through the menu represented by the figure below, the main options regarding synchronization can be accessed. It is possible to choose from 4 types of comparison, however it is advisable to maintain the 'Smart' comparison. Particular attention can be made to the 'Synchronization' section:

- 1. Maintain unchanged source paths Enabling this option, the programme does not make changes to the source paths.
- 2. Cancel files not present in the source paths This setting is to be used with caution as it can cause an undesired loss of data.
- 3. Perform scan after synchronization This option can be useful to check that the synchronization process has terminated correctly.
- 4. Automatically synchronize after scan This option allows direct synchronization of the specified paths and does not show any messages. Use this setting with caution.

🚰 Select Paths	
Path Settings	Options
Copy File	Comparison Type
C Show and copy only missing files	Smart (Size, date and CRC if necessary)
C Ask for confirmation before overwriting a file.	C Date only (Fast but not accurate)
 Copy all files without confirmation 	C Size Only (Fast but not accurate)
	C CRC (very slow but it is the most accurate)
Synchronization	
 Keep the source paths unchanged Delete the files that are missing in the source paths 	
Execute scanning after synchronization	
Synchronize automatically after scanning	
Synchronize automatically arter scanning	
	_
	OK Cancel

4) – BACKUP

The management of backup operations is performed using simple wizard windows like the one shown in the figure:

🚰 Quick Paths		X
Paths		
Source		
Destination		
🔲 Enable FTP		
	OK	Cancel

For customized management of the paths, select from the 'Operations' menu the 'Add Customized Path' option and a window like the figure below will appear:

🚰 Add Custom Path 📃 🗖 🔀					
Туре					
Source	C Destination				
Description	Path3				
Linked To					
	Ē				
0 Selected Links					
Path/Files					
🖲 Select Path	C Select Files				
Enable FTP					
Path					
	OK Cancel				

Using this window it is possible to set more options with respect to the rapid path insertion window. For example, it is possible to select single files instead of a path using the 'Select File' option. The following figure shows the window used to start the backup operation:



Selecting the first option (Run Quick test) the programme does not copy any files, it just simply performs a simulation looking for any possible problems that may occur during the copy operation. The next option (Run Accurate test), as the previous option, does not copy any files, however it performs a more rigorous test and for this reason requires a lot more time. If many Gbytes of data and above all large files are to be copied, it is advisable to select the option to avoid waiting several minutes. The next 2 options actually copy the

data to be transferred after having performed the test. The option 'Create Backup sub-folders with date and time - Crea sottocartella Backup con data e ora' can be selected only if a complete or incremental backup type is chosen. This setting allows the files to be copied into a sub-folder labelled with the name Backup + operation date, so that the destination path is maintained in a better order. The next option is used to by-pass paths that are not accessible, for example a PC turned off or a removable hard disk that is not present.