Sprite Backup PC Options

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Introduction

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The Sprite Backup Options screen allows to configure Sprite Backup from your PC. From the Options screen you will be able to set backup/restore options, configure schedule operations, change networking options, select network connections and configure your backup security settings. This guide will help you to take full advantage of all the features that Sprite Backup PC Options offers. In addition to this user guide we also offer a comprehensive help manual that can be accessed from your Mobile Device.

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CHAPTER 1

Using the PC Options Screen

The PC Options screen provides you an easy and fast way to configure your Backup requirement directly from your PC. To configure the different options available you just need to click on the individual taps to display the available options.

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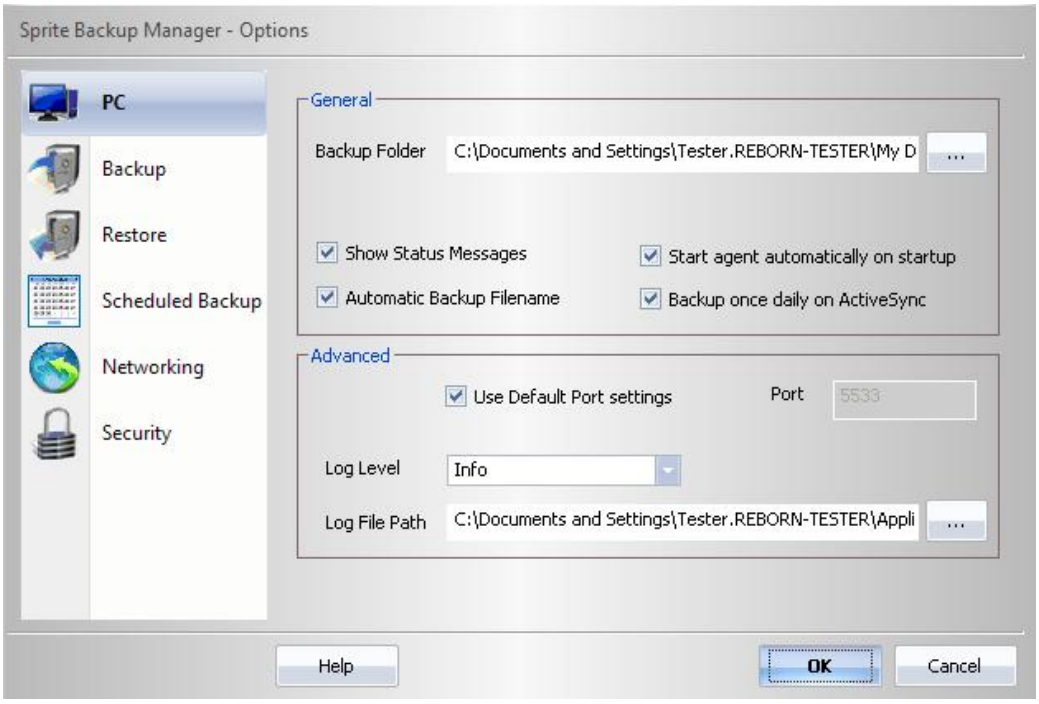
Using PC Options

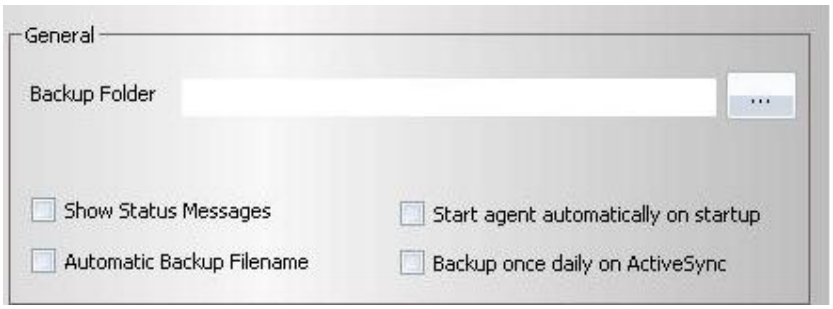
The Options Dialog is where you can change the various settings that controls Sprite Backup. To access the options dialog, follow the instructions below:

Right click on the PC Service icon in the system tray and select Options.



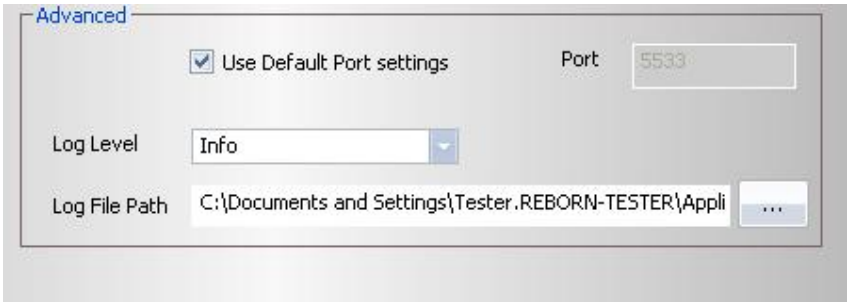
Options Screen

These options control the behavior of backups initiated by the PC. Remote backups initiated from the Pocket PC use the Backup Options from the device.



General PC Options

- Backup Folder - Defines the folder on your PC where all remote backups are saved. Note: By default, a Backup to PC will create a .pbf backup image file in the \My Documents\My Mobile Device Backups folder on your PC. You can change the default Backup Folder by clicking [...] search button and then navigating to your preferred folder.
- Show Status Messages - Displays balloon notifications from the system tray icon during Backup/Restore operations..
- Start Agent Automatically on System Start - The PC Agent will be started automatically on PC startup.
- Automatic Backup File name - Generates file names automatically, based on the current date.
- Backup device automatically on ActiveSync connect - The PC Agent will prompt to backup to PC the first time the device is connected to the PC each day.

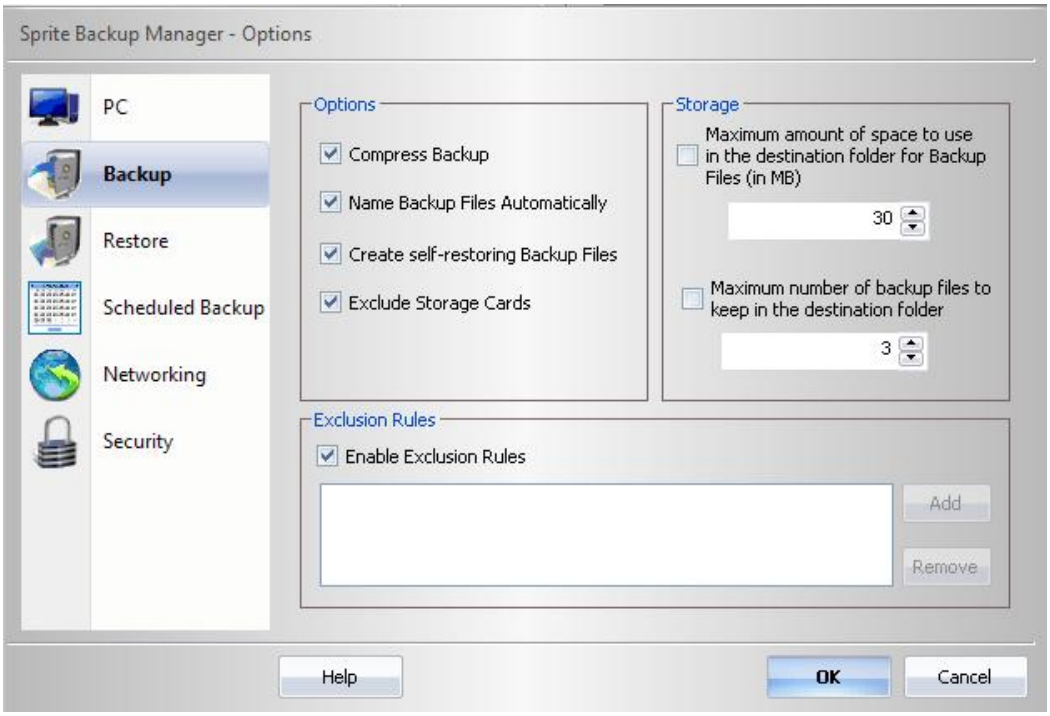


Advance Options

- Use Default Port settings - Uses port 5533 for communicating with the Device. Only change the port number if the default port is already in use.
- Log File Path - Enter a path to alter the PC Agent's default log file location. Use the [...] button to browse for a folder to store the log file. Note: This directory will store 2 files - Agentlog.txt and Spritelog.txt, these files log the PC Agent activities.
- Log Level - Allows you to customize the information displayed on the log files. Always use the default setting, change these settings only by request of our Technical Team.

Using the Backup Options Tap

The backup options Tap, allows you to configure Backup Options, Storage, Exclusion Rules. The following steps will explains the use of each



Sprite PC Options

Configuring Options: The options section handles the Backup General Options. *To add or remove an option select or clear the check boxes.*

Option Selection

- Choosing 'Compress Backup' will cause new backup files to be compressed. This means the backup file will require less storage space, but the backup operation will take longer to complete. This option is recommended if space available on the selected storage area is low. Compressed backups will take much longer to create if you are backing up files that are already highly compressed, such as image and music files.

- Choosing 'Encrypt Backup' will cause new backup files to be encrypted. You will be prompted for a password when you create a new backup file manually. The password entered must be an alphanumeric string, minimum of 6 digits, maximum of 15. On restore you will be asked to enter the same password that was entered when creating the backup file. If the password is not the same the file will not be restored. This option is recommended if you do not want others to be able to access the data in the backup file. "Please be aware that no body will be able to restore this file without the correct password"

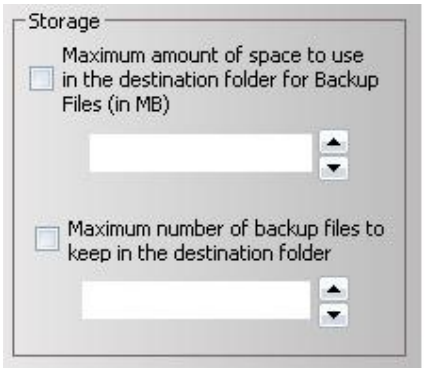
- Choosing 'Name Backup Files Automatically' will cause Sprite Backup to generate a name for the backup based on the date e.g. 'Backup_yyyy_mm_dd.pbf'. If this option is not selected, the default backup name will be the name of the last created backup file, or 'backup.pbf' if no backups have been created.

- Choosing 'Create self-restoring Backup Files' - The backup files created using this option are larger but are recommended because they can restore your device after a hard reset without having to be re-install Sprite Backup first. If you have select the ‘Create self-restoring backup files' option your backup files will have the extension ‘.exe' at the end of the file name.

- Choosing ' Exclude Storage Cards' will exclude all files located in non-volatile storage. For example SD card, CF card, iPAQ file store, etc.

Managing Storage

Use this section to set the Backup File Management options. These options are designed specifically for users that take advantage of Sprite Backup's automatic backup file naming option, but wish to prevent a large amount of backup files to accumulate and occupy a large amount of storage space. To use this section Enable the required check box and enter a valid number.



Storage Options

- Enabling 'Maximum amount' of space to use in the destination folder for Backup files (in MB) - ' will cause Sprite Backup to restrict the amount of space occupied by backup files to the specified amount, deleting old backup files to free up space for new backup files if necessary. When a backup takes place, backup files will be deleted in order of creation, oldest files first, until there is sufficient space to create the new backup file. Then, the backup will proceed. The default amount is set to 30MB, you can change this amount by entering a valid inter or using the up/down arrows.

- Enabling 'Maximum number of backup files to keep in the destination folder - ' will cause Sprite Backup to automatically ensure that there are no more than the specified number of backup files present in the destination folder. When a backup takes place, backup files will be deleted in order of creation, oldest files first, until there is one less than the maximum number of backups. Then, the backup will proceed. The default amount is set to 3, you can change this amount by entering a valid inter or using the up/down arrows.

Using Exclusions Rules

Use these rules to specify files, file types and folders to be excluded from all backups, including Scheduled Backups. This can be a useful way to reduce backup file size. The items in the Exclusion List will appear unchecked in the Backup data selection screen but can be manually overwritten. You can add custom exclusion rules by clicking on the Add button. Follow the steps below to create new exclusions:

Exclusion Rules

1. In the 'Custom Exclusion Rule' screen enter the 'Filter' type that you wish to add to the Exclusions List. This could be a file extension, folder name or part of a file name.
2. Once the exclusion is entered, select the 'Rule Type' from the drop down list.

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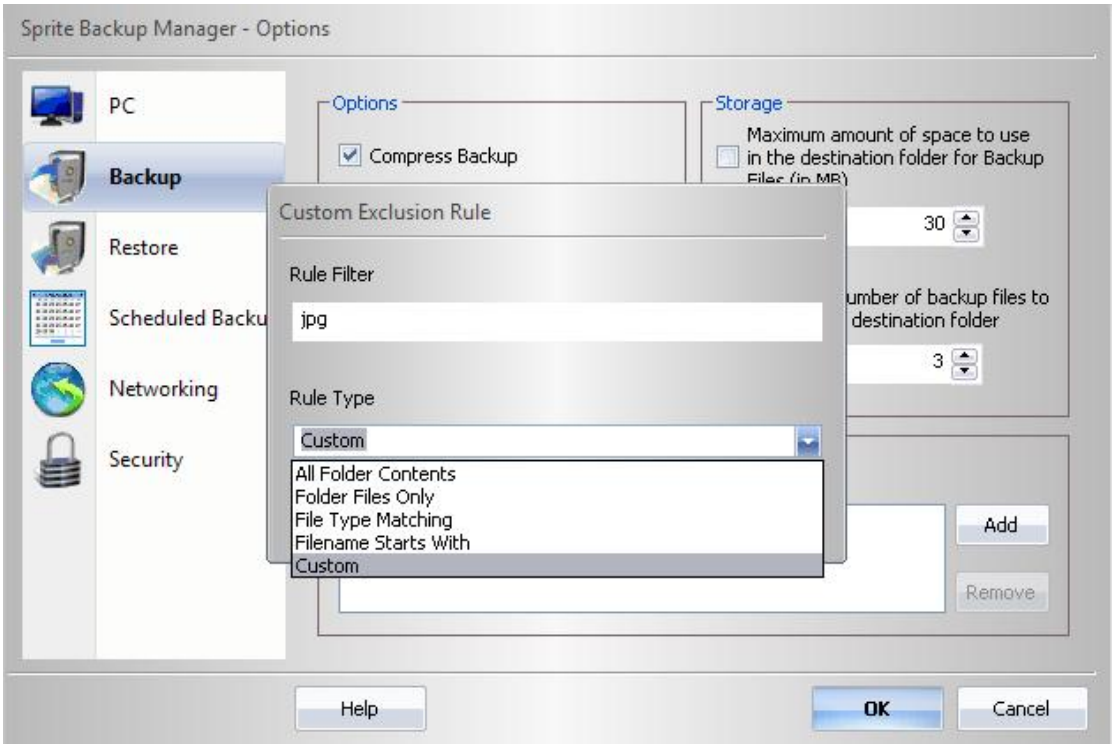


Custom Exclusion Rules

Confirm your changes by pressing on the ?OK' button. If the item is a valid item this will be added to list of exclusions.

Options Menu Exclusions

- electing 'Sprite Backup Files' will exclude all Sprite Backup files from all backup operations.
- Selecting 'Programs (*.EXE, *.DLL)' will exclude the files most commonly associated with installed programs.
- Selecting 'Exclude Temporary Internet Files' will exclude all your temporary Internet files including cookies, history and cache files.

Custom Exclusion Rules

You can add custom exclusion rules by clicking on the Add button ('+') button. Follow the steps below to create new exclusions:

- In the Add 'Exclusions field' enter the item that you wish to add to the Exclusions List. This could be a file extension, folder name or part of a file name.
- Once the exclusion is entered, select the type of exclusion from the drop down list.
- Confirm your changes by pressing on the ‘OK' button. If the item is a valid item this will be added to list of exclusions.

There are 4 types of Exclusion List item you can add to the list , as follows:

- If the Exclusion List Item contains just a folder name (e.g. "\Temp") this will exclude all files in that folder and all files in every subfolder of the named folder. Note the folder name can contain a trail backslash (e.g. "\Temp\").
- If the Exclusion List Item contains a folder name with a trailing wildcard specifier (e.g. "\Windows*.*") then all files within the named folder will be excluded but not in any subfolder.
- If the Exclusion List Item contains a folder name with a following wildcard with an extension (e.g. "\Windows*.dll") then all files in the named folder with the specified extension will be excluded.
- If the Exclusion List Item is a wildcard with an extension (e.g. "*.msg") then all files of that extension in all folder will be excluded.

There is also 4 types of Default exclusions:

This default exclusion simplifies the use of the Exclusion Rules, simply select the type of exclusion that you wish to use and customize it with your own details.

- All Folder Contents: excludes the contents of any selected folder or folders, this includes subfolders and everything under this folder.
- Folder Files Only: excludes all files on a specific folder and will not exclude any subfolder contents.
- File Type Matching: excludes all files with the specified extension. For example: if you type jpg and select this option all files with the extension '.jpg' will be excluded from your backup operations.
- File Name Matching: will exclude all files with the specified file name. For example: if you type 'task.txt' and select this option, all files named 'task.txt' will be excluded from your backup operations.

Exclusion examples:

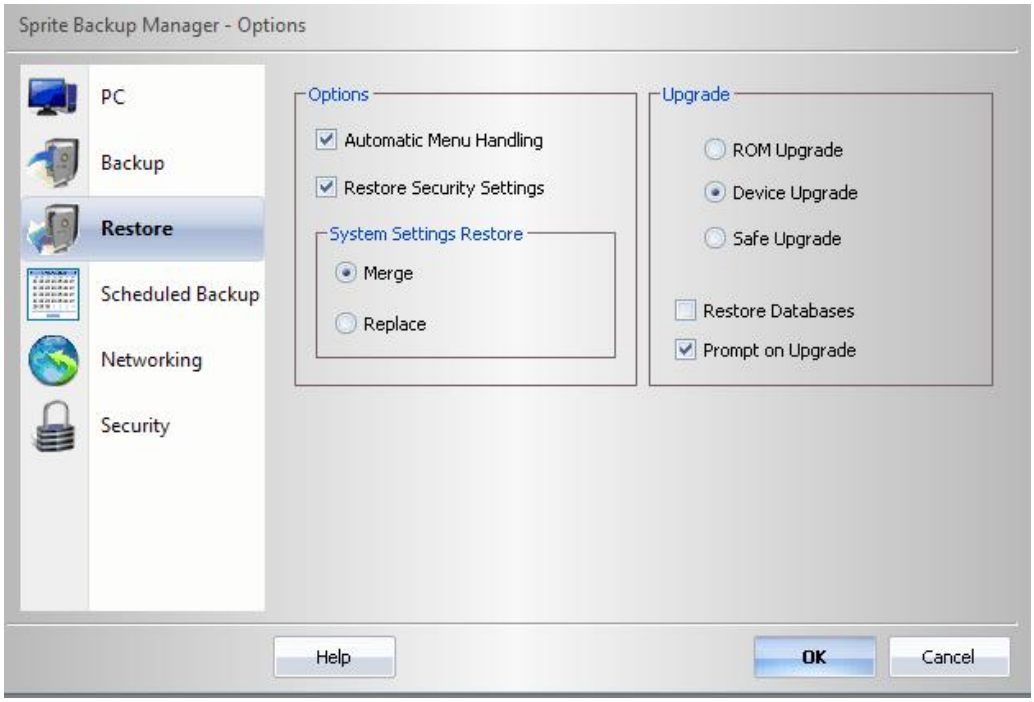
- If you type windows on the Add ‘Exclusions Field' and then select 'All Folder Contents' from the drop down list, this will automatically exclude all folder and subfolder contents below the windows folder.
- If you type windows on the Add ‘Exclusions Field' and then select ‘Folder Files Only', this will automatically exclude all contents on the windows folder but will not exclude subfolders.

Removing Items from the List of Exclusions

To remove an item from the list, select the item and press the (Remove) button ('-')to remove the item. Smartphone users can select '5 Remove' from the menu.

Using the Restore Options Tab

The Restore Options Tap, allows you to configure General Restore Options and Upgrade Mode Options. The following steps will explains the use of each option.



Restore Options

- Choosing 'Automatic Menu Handling' will cause Sprite Backup to automatically correct any problems when restoring the Start Menu from a backup file. Specifically, Sprite Backup will prevent unmovable duplicate menu items appearing in the Start Menu after restoring a Mobile Device after hard-resetting it. You should only deselect this option if you wish to restore individual Start Menu items rather than the entire Start Menu.

- The 'Restore Security Settings' option will restore Storage Card encryption *"Windows Mobile 6 only"*, Pin lock and other security configured on your device. We recommend leaving the default option 'Restore Security Settings' If you don't wish to restore your security settings you can deselect this option.

- The 'System Settings Restore' will cause Sprite Backup to perform a restore operation applying the type of registry restore selected.

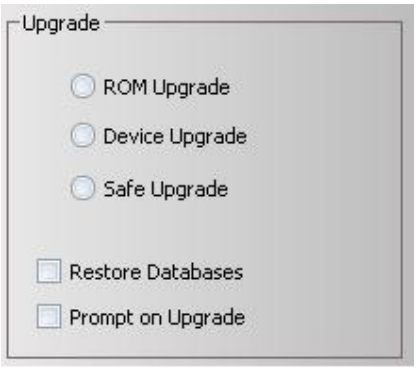
- If you select 'Merge' Sprite Backup will merge the registry of the device with the registry stored on the backup file.

- If you select 'Replace' Sprite Backup will delete the existing registry and replace it with the registry stored on the backup file. Depending on the type of restore operation you can apply any of these 'System Settings' types.

Note: We recommend leaving the default option 'Merge', unless you experience difficulties with applications or settings after the restore, in which case you should change the option to 'Replace'.

Setting Upgrade Mode Options

Sprite Backup automatically detects if the restore process is being performed between different devices or ROM versions and automatically enables this function and you will be asked to select the type of 'Upgrade Mode' operation you wish to perform.



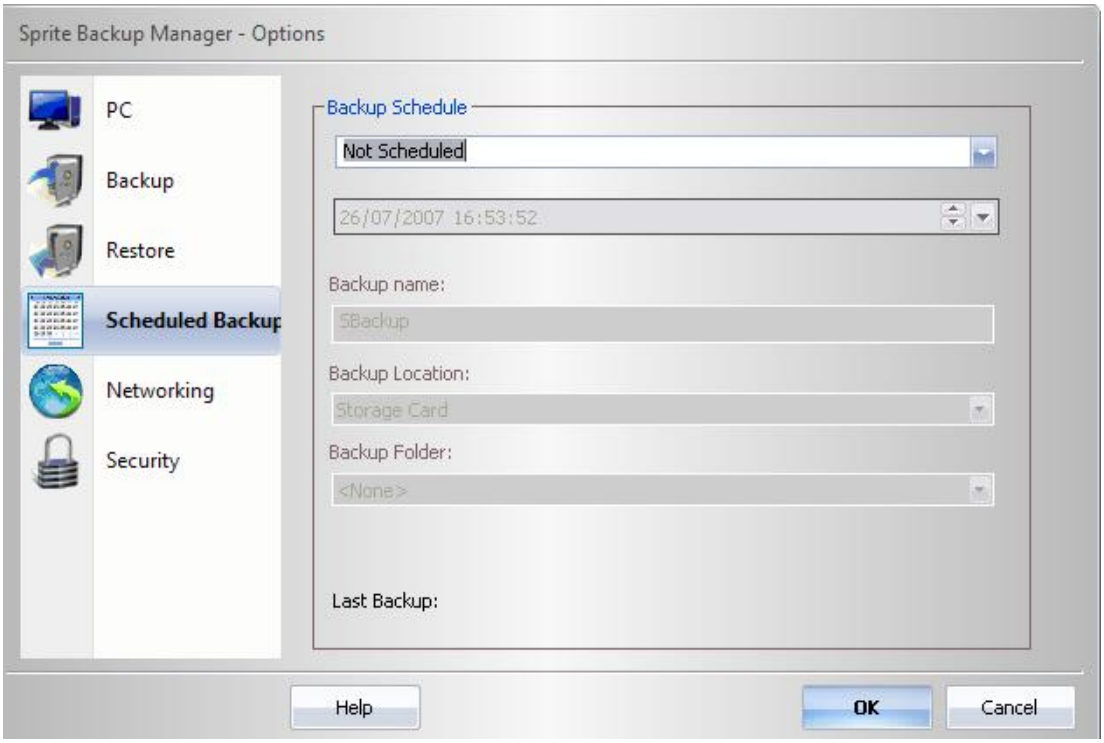
Upgrade Mode Options

- ROM: Use this option to perform restore operations between the same devices with different ROM revisions. For example: restoring from a KJAM ROM 2.16.9 to a KJAM AKU2 ROM version.
- Device: Use this option when you wish to restore across devices and ROM versions. For example: When restoring a backup file created on a WM2005 KJAM device onto a WM 2006 JAZJAR device.
- Safe: If your device does not boot after performing a 'ROM Upgrade' or 'Device Upgrade' restore use the 'Safe Upgrade' operation.
- Choosing 'Prompt on upgrade' will cause Sprite Backup to prompt you every time that a restore operation is performed between different ROM versions or devices. When the upgrade mode prompt appears you will need to select the type of upgrade that you wish to apply to the restore operation.

Important Note: Please be aware that due to constant development and changes to the Windows Mobile platform ‘Upgrade Mode’ may not restore your device to a desired state. Depending on the type of 'Upgrade Mode' operation Sprite Backup will display a different warning message. If you are restoring across devices with different versions of the Operating System, you may be warned that databases will not restore properly and you will be given the choice of restoring with or without databases. If you choose to restore databases and the device is not stable after the restore, please perform a hard reset and try again. This time do NOT include databases or perform a 'Safe Upgrade' restore operation.

Using Scheduling Options

The Schedule Backup options Tap, allows you to configure schedule backup operations that will run on your device at set time and date. The following steps will explains the use of each option.

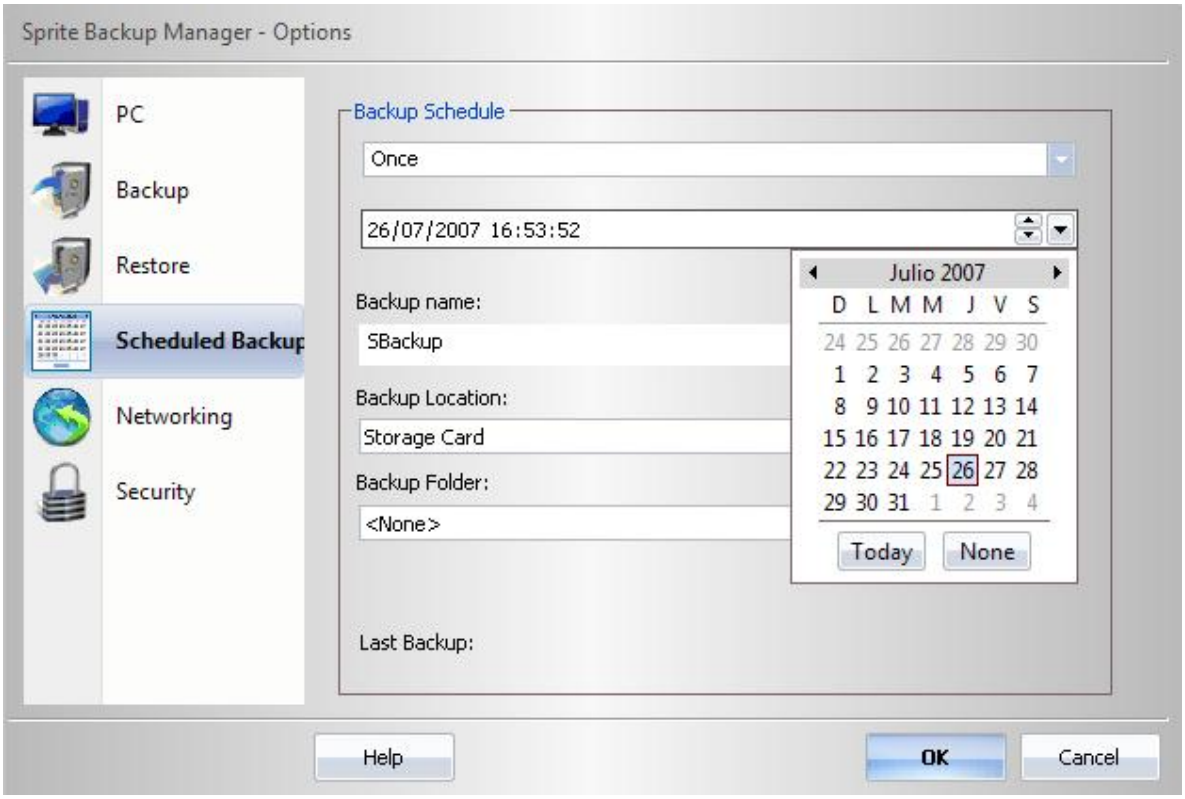


Schedule Backup Screen

a) To configure schedule operations you will need to select the frequency from the drop down list.

- 'Once' - will start a backup at the designated time and date.
- 'Daily' - will start a backup at the designated time each day.
- 'Weekly' - will start at the designated time and day each week, starting with the selected date.

a) After selecting the schedule frequency you will need to select the date and time.



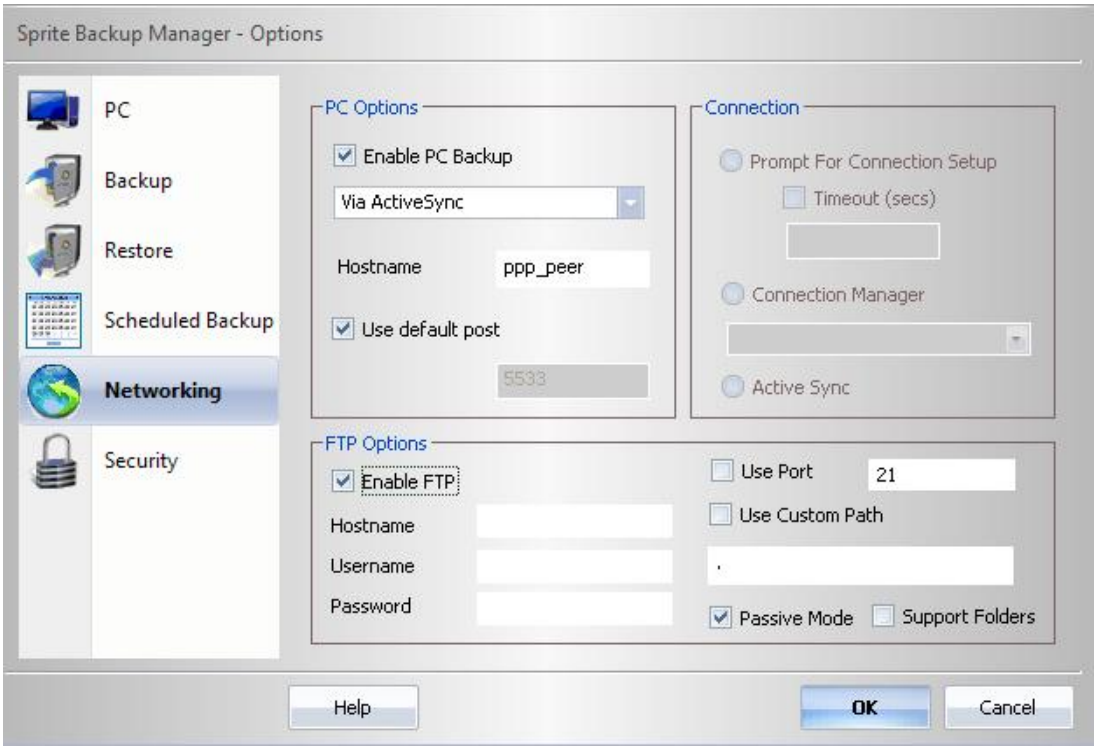
Schedule Backup Screen

NOTE: The selected backup location must be available for scheduled backups to proceed. If the location is not accessible, the backup will not proceed.

Using Networking Options

Sprite Backup supports backup and restore operations between your mobile device and a PC or FTP site. This section outlines how to configure and check these connections.

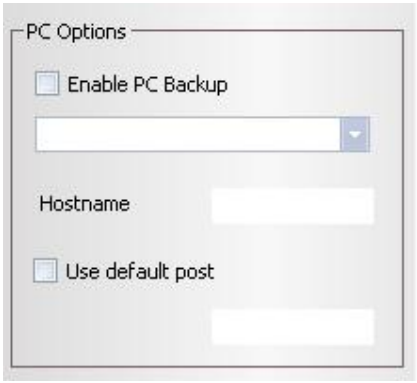
To setup Networking Options, enable and disable the options that you require from the Networking Options screen.



Networking Screen

PC Backup Options:

Enabling ‘PC Backup’ will allow backup and restore to and from a PC that is accessible via ActiveSync or via a TCP/IP network.

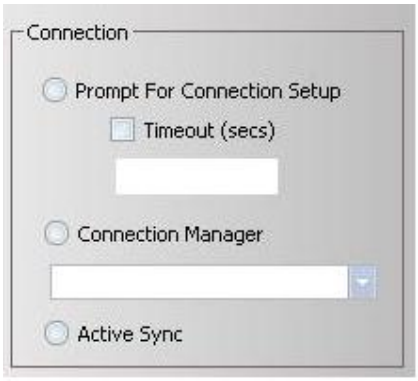


PC Options

- Choosing the 'Remote Connection' type allows you to select whether the PC will be attached to the device via ActiveSync (docked) or via a TCP/IP network (e.g. WiFi). If you select ‘Via ActiveSync’ only the ‘Use Default Port’ option will become available. If you select ‘Via Network’ you will have both options available ‘Use Default Port’ and ‘Host Name’.
- The 'Hostname' and 'Port' controls which PC the Mobile Device will connect to when connecting via the network. The hostname of your machine can be determined by right-clicking on 'My Computer' from Windows Explorer and selecting 'Properties', then the 'Computer Name' tab. The default port setting of 5533 should not need to be changed unless you are experiencing connection problems.

Connection Options:

This screen allows you to manage the connection to use for your remote backup operations.

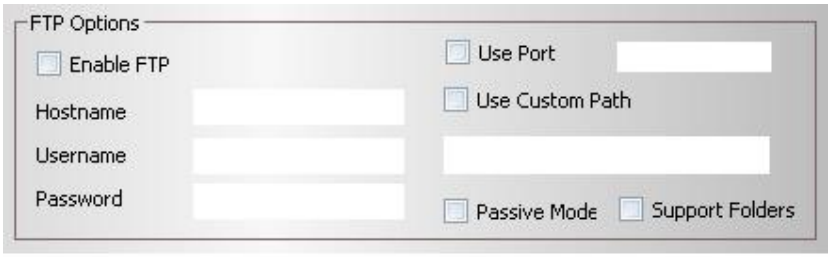


Connection Options

- 'Prompt For Connection Setup': causes Sprite Backup to prompt every time that a remote backup is performed. It also allows you to specify a timeout in seconds. For example if you select 60 seconds the prompt will timeout in 60 seconds and use the default connection. If the default connection is not present the operation will fail.
- 'Connection Manger': allow you to specify your network connection type. This is useful when performing a backup using "WIFI". Many devices will turn off Wi-Fi during a soft reset and not re-enable it on reboot.
- 'Active Sync': Causes Sprite Backup to use ActiveSync as the default connection for all remote backups.

FTP Backup Options:

Enabling 'FTP Backup' will allow backup and restore to and from an 'FTP' location that is accessible via ActiveSync or via a TCP/IP network.



FTP Options

- Entering 'FTP' details. The 'Hostname' is your full FTP address. After entering the 'Hostname' you must enter the 'Username' and 'Password' before trying to connect. If you are not sure about your 'Hostname' or FTP address, please ask your system administrator.

- The 'Use Custom Path' field is used to enter the path for the default folder on your FTP server. This option is used to save backup files to a specific location on the FTP server. For example if you are logged in as 'user1' on the FTP server "FTPServer1" and you wish to backup to a folder called "Backups" you need to use the following path: "./Backups" (ignore the quotation marks ("") on the path but note the preceeding full stop). For more details about the folder structure and login details, please contact your system administrator.

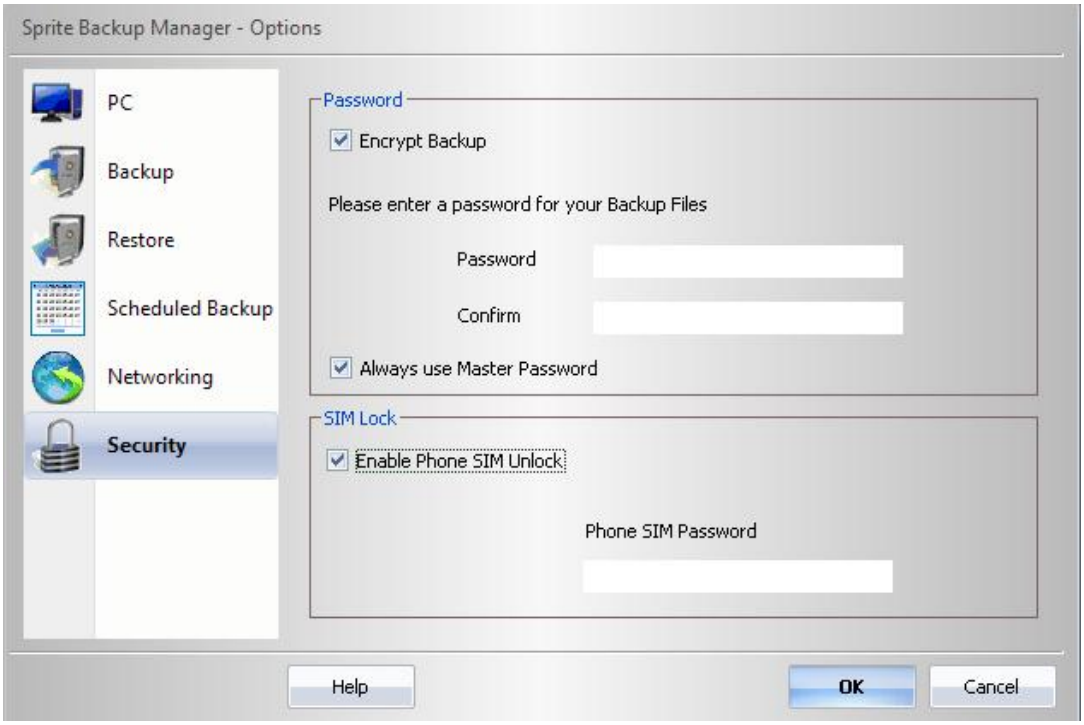
- The 'Passive Mode' causes Sprite Backup to use the passive mode type connection to connect to the FTP server. In passive mode FTP the client initiates both connections to the server, solving the problem of firewalls filtering the incoming data port connection to the client from the server. This is the default type of connection by Sprite Backup, we recommend the use of this connection.

- The 'Support Folders' option is used to display all available folders on your FTP server account. For example if you wish to display the subfolder 'backup1' on the Save As or Open screens at the time that you wish to backup or restore, then you will need to enable this option. Enabling this option will required a connection to the FTP server every time that the 'Open' and Save As screens are accessed. Be aware that depending on the type of connection used it can take few seconds or minutes to display these subfolders. For more details about the folder structure and login details, please contact your system administrator.

Note: The FTP function does NOT support secure FTP. For details about the type of FTP connection used in your organization, please consult your system administrator.

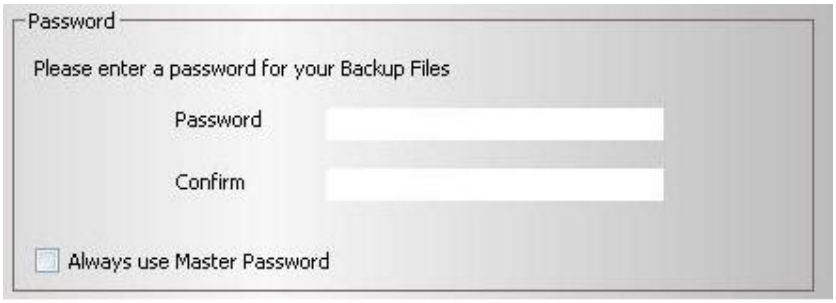
Using Security Options

The Security Options Tap, allows you to configure Encryption and use the Master Password feature of Sprite Backup.The following steps will explains the use of each of them.



Security Options

1. Enabling 'Password' will cause new backup files to be password protected. You will be prompted for a password when you create a new backup file manually. The password entered must be an alphanumeric string, minimum of 6 digits, maximum of 15. On restore you will be asked to enter the same password that was entered when creating the backup file. If the password is not the same the file will not be restored. This option is recommended if you do not want others to be able to access the data in the backup file. Please be aware that Backup files cannot be restored without the correct password.



Setting password

2. The 'Master Password' feature allows you to set a common password for all your backup operations. Once you set your Master Password' Sprite Backup will use this password for ALL manual or schedule backup operations.

Notes: You can change the Master Password at any time from the 'Password' screen. If you select the 'Always use Master Password' check box on the password screen you will not be asked for a password when you perform a backup or configure the scheduling function. If you do NOT have this option selected then you will need enter a new password or confirm the existing password when you perform any of the above operations.

Using SIM Lock

1. Enabling the 'SIM Lock ' function allows Sprite Backup to turn on your phone after a backup operation has completed. Without this option, after a reboot, you must enter the SIM Lock password in order to be able to make and receive voice and data connections. This can be inconvenient, especially for scheduled backups when you may not be aware that your phone connectivity has been interrupted.

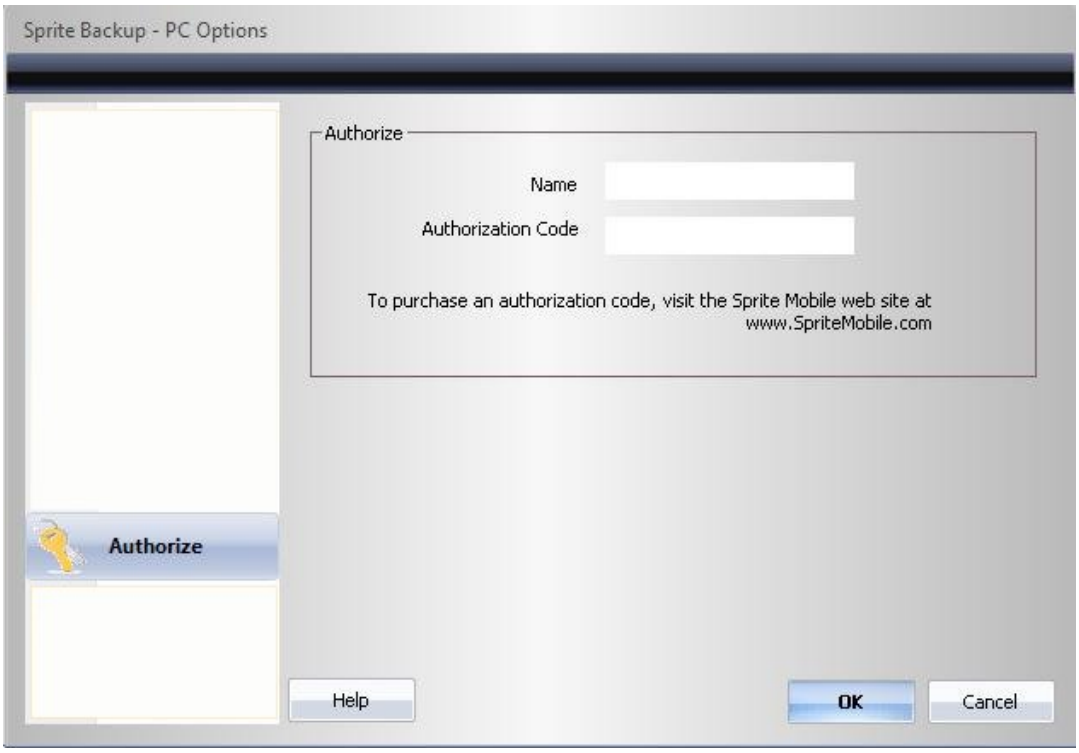
SIM Lock

2. Once you enter the SIM Lock password on this screen, Sprite Backup will use this password to enable phone connectivity. This function will only work when you have SIM lock ON, if SIM lock is not active on your device there is no need to use this feature.

Authorizing Sprite Backup

Here you can authorize your version of Sprite Backup. When the Authorize screen appears you need to enter your name and authorization code provided at the time of purchase.

To access the authorize screen, select Authorize from the PC Manager Menu.



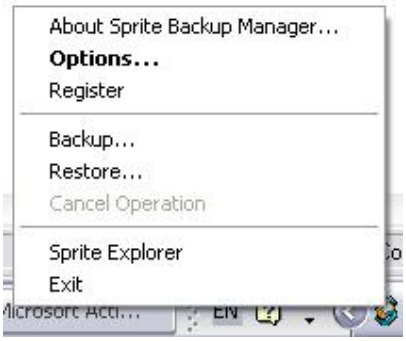
Authorization screen

Note: The PC Manager menu can be found by right clicking on the PC Manager icon located in the system try.

Registering Sprite Backup

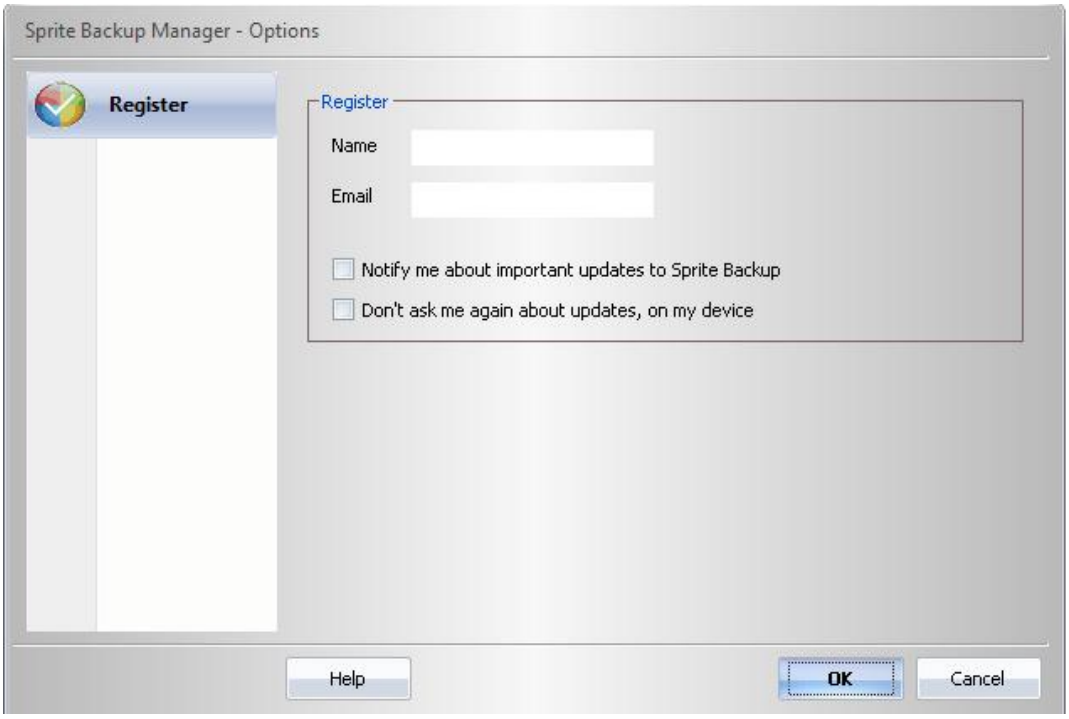
Here you can register your version of Sprite Backup to receive support and updates from Sprite Software. The registration information will be sent to the Sprite Software server using the Internet. If you don't have an internet connection of the time of registration, Sprite Backup will wait until a connection is established and send the information to our servers.

1. Right click on the PC Manager icon on the system try.
2. Select Register.



Registration Screen

3. When the registration screen is displayed enter the required details.



Registration screen

Warning Messages after Backup/Restore Operations

When Sprite Backup initiates a backup/restore operation, it requires access to the entire contents of your Mobile Device. If at the time of the operation a file is locked by a 3rd party application or system setting, Sprite Backup will display a warning message after a backup/restore operation. The warning message will display the file or files that weren't accessible by Sprite Backup at the time that the operation was being performed. Please be aware that in most cases having a locked file or a file in use will not affect the operation or the stability of your device. Please be aware warning are NOT error messages.

Consequences of not adding files to a backup: If a file is not added to a backup this means that Sprite Backup will not be able to restore said file. In many cases it is not necessary to restore the file because it is automatically created by the setting or application using this file and is already present.

Consequences of having locked files at restore time: If restore operation is being performed and Sprite Backup finds file/files that are locked or in use, Sprite Backup will not be able to make any changes to this file. This issue usually occurs with System settings, 3rd party applications running on startup or Today screen themes. If these files are in use or locked at restore time this means that these files are already present on your device and there is probably no need to restore them.

Recommendation: If you get a warning message at restore time that a file was locked or in use, try finding the application or system setting link to this file. If you find the application and you cannot see any problems this means that the restore was successful. If you find problems with applications or settings after the restore, please contact our technical support.

MotoQ Users Read Here

After a reset, a MotoQ device goes to a charging state rather than rebooting if it is connected to USB, either to PC or on external power. This will interrupt the backup or restore process. Users need to wait until after the battery icon appears on the display and then hold down the power button for approx. 10 seconds. The device will then restart.

CHAPTER 2

Backup to PC

Sprite Backup, allows you to perform backups to PC. With this feature you will be able to backup to PC when your device is connected via ActiveSync or any network connection including a wireless network.

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Starting the PC Manger Manually

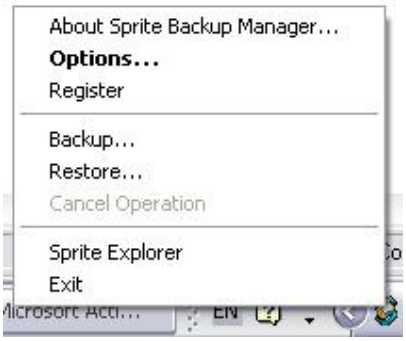
1. On your PC click Start -> Programs -> Sprite Mobile ->Sprite Backup -> Sprite Backup Manager

2. Click on Sprite Backup PC Manager.
3. The PC Manager icon will appear in the system tray.

Start a Backup from the PC Manager

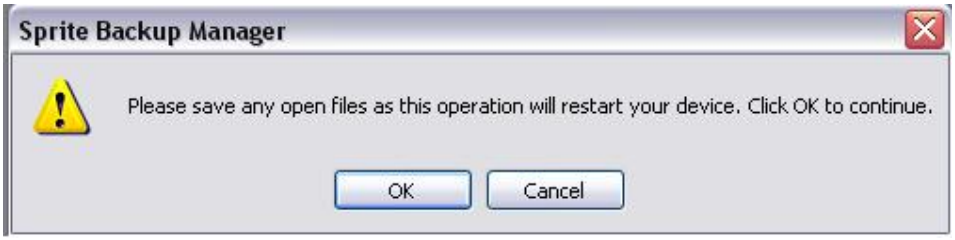
To initiate a backup from the PC follow the instructions below:

1. Right click on the PC Manager icon in the task bar and select Backup from the menu.



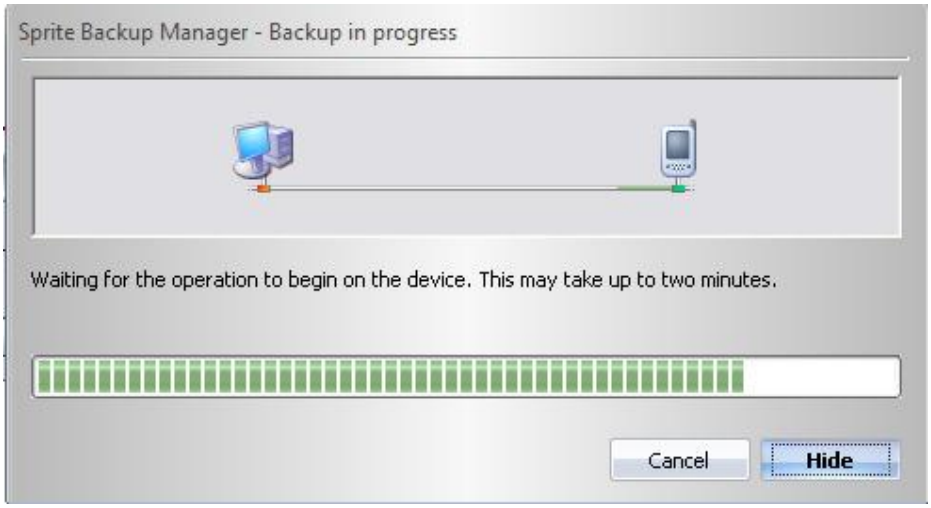
PC Manager

2. A confirmation message will appear on your PC, click OK to continue or Cancel to cancel the operation.



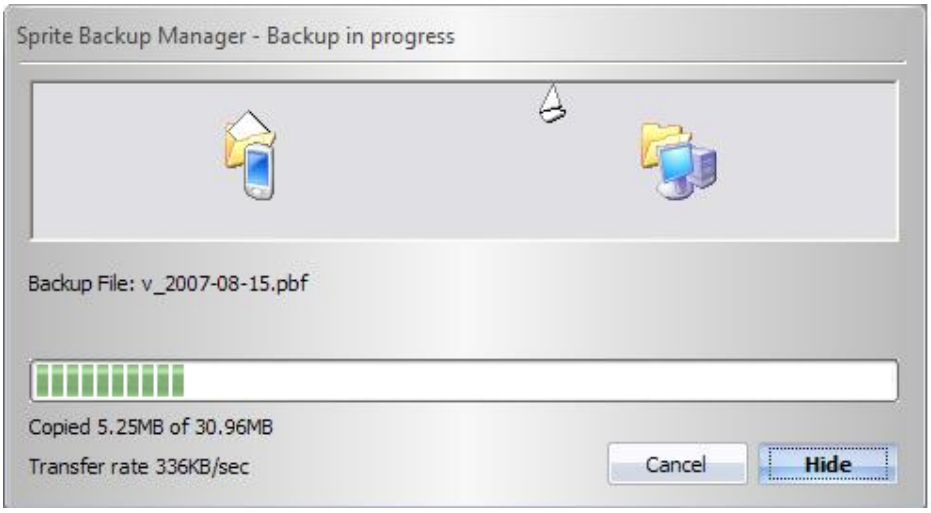
PC Manager confirmation message

3. Before the backup starts and the device soft resets, Sprite Backup will try to connect to your device.



Sprite Backup Progress Screen

4. Once the connection is established, Sprite Backup will soft reset your device and start the backup operation.



Sprite Backup PC Progress

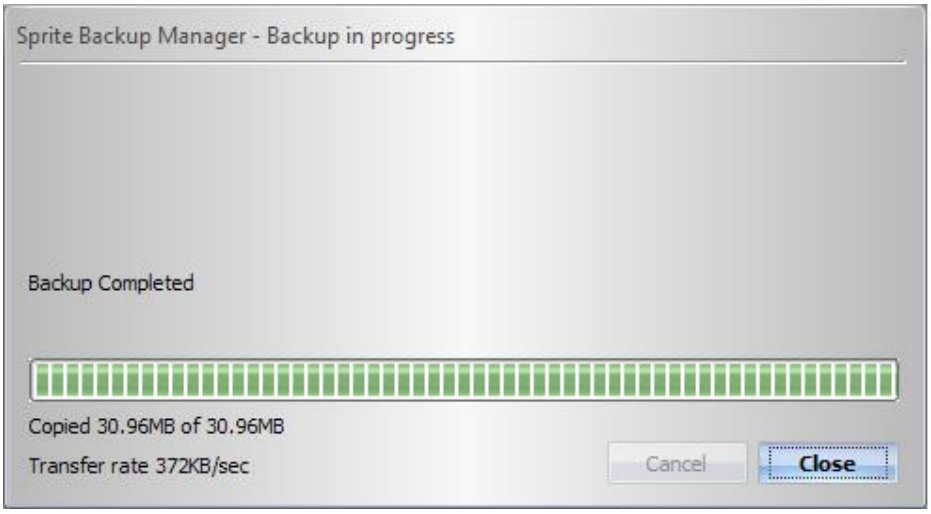
5. The progress of the operation will be displayed on your PC and in the mobile device.

Sprite Backup Device Progress Screen

6. While the operation is performed a "Backup in progress" message will be displayed in the task bar.

Backup in Progress Message

7. When the Backup is completed the PC Manager will display "Backup Completed" message on the screen.
8. Click on the Close button to close this message.



Sprite Backup Progress Dialog

9. When the operation is completed a message in the task bar will also appear letting you know that the operation is completed.

Backup Completed task bar message

10. After the soft reset a notification message will appear on your Pocket PC to inform you if the backup was successful or not.

Sprite Backup Notification

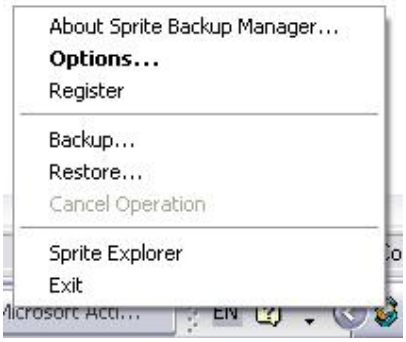
11. If you wish to view the report file, Press on View Report or OK to close the notification message.

Sprite Backup Report File

Restoring Files from PC

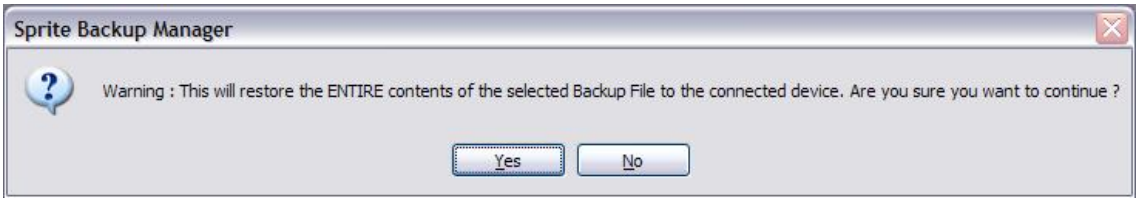
To initiate a restore from the PC follow the instructions below:

1. Right click on the PC Manager icon in the task bar and select Restore from the menu.



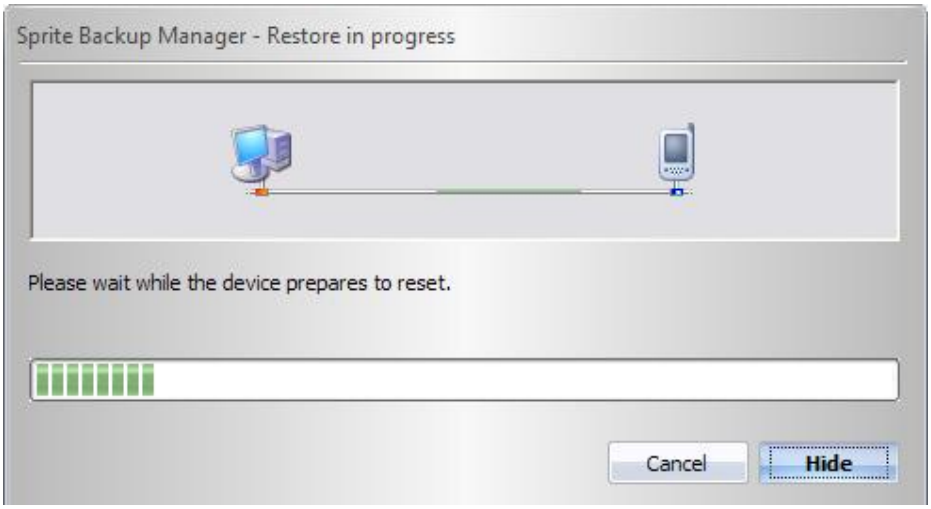
PC Manager Menu

2. A confirmation message will appear on your PC, click OK to continue or Cancel to cancel the operation.



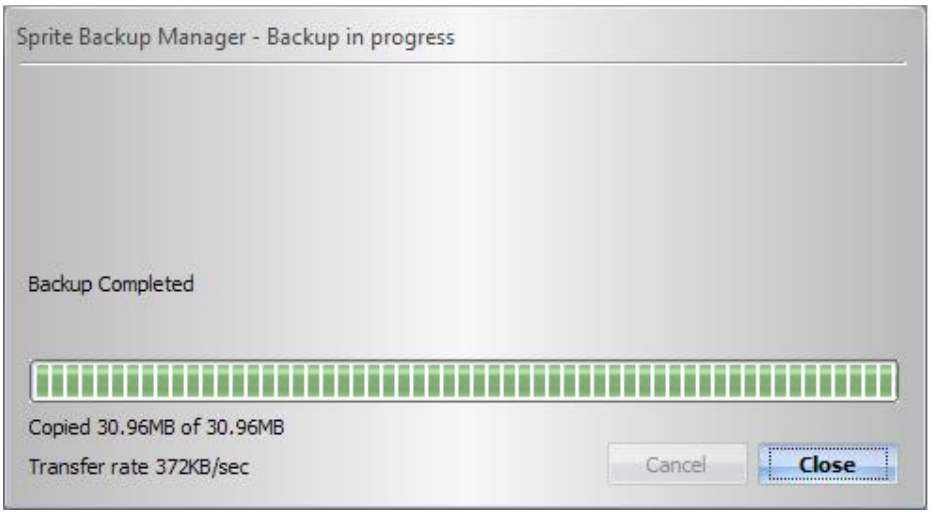
PC Manager confirmation message

3. Before the backup starts and the device soft resets, Sprite Backup will try to connect to your device.



PC Manager Restore Progress Dialog

4. Once the connection is established, Sprite Backup will soft reset your device and start the operation.
5. The progress of the operation will be displayed on your PC and in the mobile device.
6. While the operation is performed a "Restore in progress" message will be displayed in the task bar.
7. When the Restore is completed the PC Manager will display "Restore Completed" message on the screen.
8. Click on the Close button to close this message.



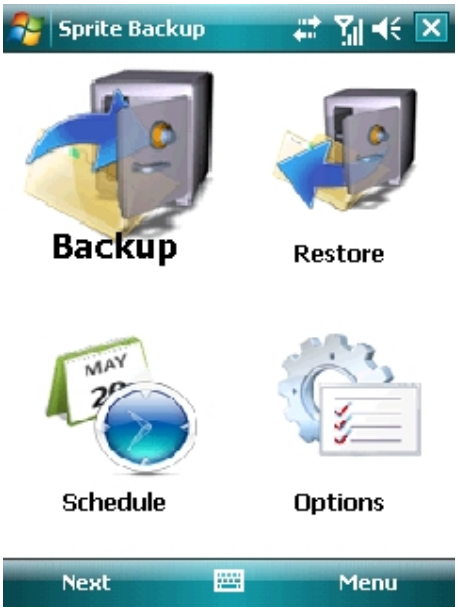
Sprite Backup Progress Dialog

9. When the operation is completed a message in the task bar will also appear letting you know that the operation is completed.
10. After the soft reset a notification message will appear on your Device to inform you if the backup was successful or not.

11. If you wish to view the report file, Press on View Report or OK to close the notification message.

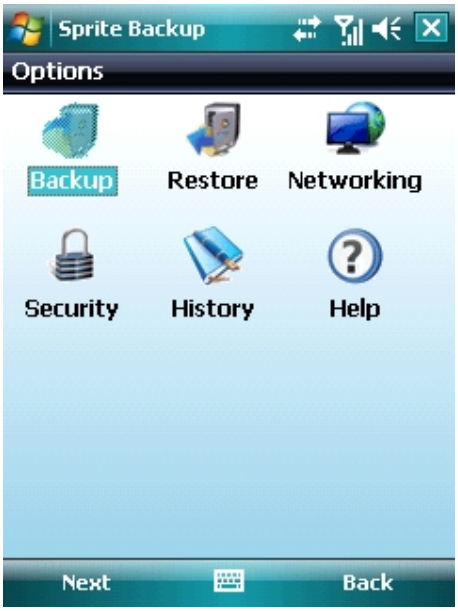
Start a Backup to PC From the Mobile Device

Follow the instructions below to perform a Backup to PC initiated from your Mobile Device.

1. From the Sprite Backup Main screen, Press Options.
2. 

Sprite Backup Main Screen

3. From the Options screen, select Networking.

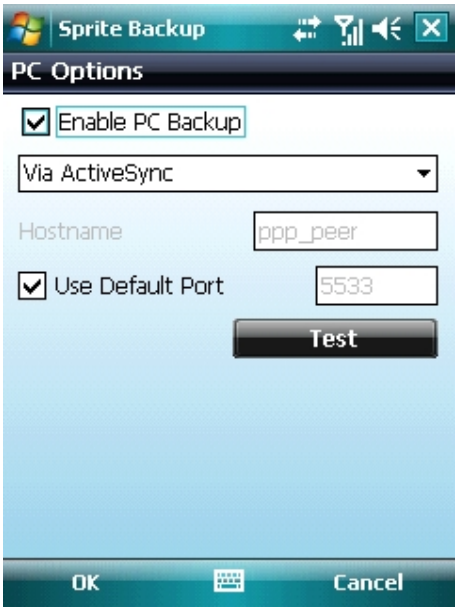


Sprite Backup Options Screeen

4. From the Networking Options, select PC.

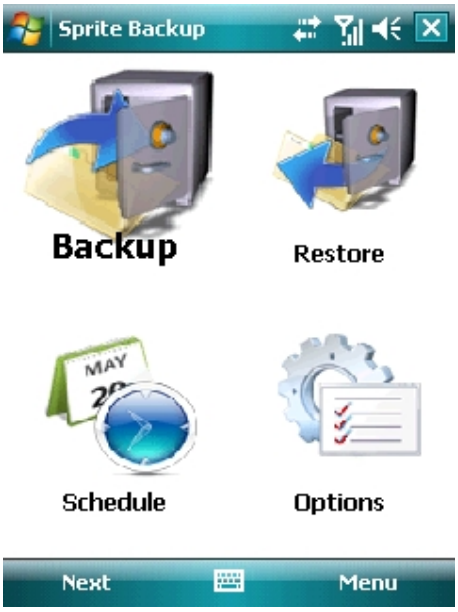
Networking Options

5. From the PC Options, check the Enable Remote Backup option. Make sure *Via ActiveSync* is selected, you can click the Test... button to check if there is a successful connection between your device and PC.



Networking Screen

6. Press OK to close the *Networking* screen and go back to the main screen.
7. From the Sprite Backup Main screen, press Backup and Next to get to the Save As screen.



Sprite Backup Main Screen

8. From the Save As Screen, Select PC from the drop dawn list.

Save As screen

9. Press Next to continue with the operation.

Note: Please pay attention to the screen in your Mobile Device and follow the requested steps.

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