

Advanced design, powerful features and a simple interface make Data Backup PC the ideal backup software for desktops, laptops, servers, and small networks anywhere in the world. Whether you are a beginning user or advanced, Data Backup PC gives you the complete set of tools to protect your computer, your work and your information. Thank you for installing our latest version 1.0, one of the best backup and disaster recovery applications available.

**~ New ~**

- Streaming Backup to Optical Media
- Blu-Ray Drive support
- Disaster Recovery support for USB Hard Drives and CD/DVD drives
- Built-in Microsoft SQL backup Plug-In (only available in "Data Backup PC Business Essentials")
- Built-in Microsoft Exchange Backup Plug-in (only available in "Data Backup PC Business Essentials")
- Updated User Interface
- Smart File Selection
- Updated CD/DVD Library
- Updated Backup Engine
- Vista VSS Support
- 64 Bit Windows Support

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## INSTALLATION NOTES

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### Data Backup PC Business Essentials

Built-in Microsoft SQL backup Plug-In and Microsoft Exchange Backup Plug-in.

Data Backup PC Business Essentials runs with Windows Vista, Windows XP (Home / Professional), Windows 2000 (Professional / Server / Advanced Server / Data Center), Windows Small Business Server, and Windows 2003 (Web / Standard / Enterprise),

### Data Backup PC Server

Data Backup PC Server runs with Windows Vista, Windows XP (Home / Professional), Windows 2000 (Professional / Server / Advanced Server / Data Center), Windows Small Business Server, and Windows 2003 (Web / Standard / Enterprise)

### Data Backup PC

Data Backup PC runs with Windows Windows 2000 Professional, Windows XP (Home / Professional) and Windows Vista

*Note:* Can not Install or Run Program under Limited User Account

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## IMPORTANT TECHNICAL INFORMATION

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### Things to Note:

- Disaster Recovery:
  - \* This feature supports single operating system hard drives (Multiple partitions are supported but not those with Boot Managers).
  - \* This feature is not supported with Windows Vista, Vista 64, XP 64, 2003 64
  - \* This feature is not supported with Network attached devices or Network Drives.
  - \* This feature is not supported with RAID configurations
  - \* This feature supports these types of local devices:
    - Local (internal/external) Hard Drives (IDE, SCSI, SATA, EIDE, FireWire and USB)
    - Local (internal/external) Removable Devices (IDE, SCSI, SATA, EIDE, FireWire and USB)
    - Local (internal/external) CDR, DVD+/-R, +/-RW, DVD-RAM (IDE, SCSI, SATA, EIDE, FireWire and USB)
    - Local (internal/external) Tape Drives (IDE, SCSI)
- Microsoft Exchange Plug-In, In order for This function to work NSEngine must be run as Administrators account.

Please use the following steps to change the account used by the NSEngine service installed by Data Backup PC 1.0. This change will allow the service to have complete administrative access to the system, which is necessary in some configurations.

1. Select Run on the Windows Start menu.
2. Type services.msc and select OK. This should open the Services window.
3. Right-click on NSEngine in the list and select Properties.
4. Select Stop.
5. Select the Logon tab.
6. If Local System Account is selected, please change this selection to This Account and select the administrator account/user with the appropriate password.  
*Note:* Account Must have Password.
7. Select Apply.
8. Select OK to any prompt that appears.
9. Select the General tab.
10. Select Start. The Service Status should change to Started.
11. Select OK to close the NSEngine Properties window.
12. Close the Services window and restart the system.

- Microsoft SQL backup Plug-In and Microsoft Exchange Backup Plug-in support is only available through the Backup operation and not the Copy operation.

### - Exchange server plug-in

The Exchange server plug-in works on the following Microsoft Exchange servers: 2000, 2003, and is supported on Windows 2000 Server SP4 and Windows 2003 Server SP1. The Exchange plug-in is not a mailbox level backup and restore plug-in. The plug-in backs up the entire selected Exchange group. To restore an exchange store, you need mark the database as being able to be overwritten by a restore in the properties of the exchange group you want to restore. You also need to dismount the store. Then you can restore the exchange store to the original location on the original backed up machine (or same machine name). Also note that if you are doing a full restore of exchange you need to restore the System State BEFORE you restore the Exchange groups.

- SQL server plug-in

The SQL server plug-in works on the following Microsoft SQL servers: 2000, 2005, MSDE, and Express, and is supported on the Windows XP SP2, Windows 2000 Server SP4, and Windows 2003 SP1. The SQL server plug-in will generate an error saying you can not backup the 'tempdb' database, this is a normal thing and you should not be concerned with it. Restoration of the SQL data can ONLY be done to the same machine(or same machine name), and can ONLY be done to the original location. Depending on what database you are restoring, you may need to put the SQL server in single user mode. This can be done by following the instructions below. Start a command session.

To ensure that SQL Server is not running type:

```
net stop MSSQLServer
```

This may say that this will also stop another service, in which case allow it to continue. It will also indicate if the service is already stopped.

To start SQL Server in single user mode type:

```
sqlservr -m
```

If this is not recognized then cd to 'C:\Program Files\Microsoft SQL Server\MSSQL\BINN' and try again

#### -Open File Backup:

\* This release includes support for Open File Backup using Microsoft's Volume Shadow Copy Service (VSS). However, In order to utilize Open File Backup, Data Backup PC must be run on either Windows XP, 2003 or Vista. To enable Open File Backup support on XP, 2003 and Vista, click the "Settings" button in the Backup window and check: "Enable Open File Backup"

- Copy Job Function does not support spanning media or files

#### - Network Drives:

\* To select network files or a network destination, it is recommended that you select the UNC path and not the mapped drive letter. For example: please use My Network Places \ Entire Network \ Microsoft Windows Networks \ \_network name\_ \ \_computer name\_ \ \_backup destination\_

\* The Windows service NSEngine must be configured to use an administrator account with network permissions.

#### - Tape Spanning and Appending:

\* Appending to spanned tapes is not supported, and if planning on spanning media you must set the write mode to overwrite the media.

#### - Backup Exclusion List:

win386.swp, pagefile.sys, hiberfil.sys, RECYCLER, RECYCLED, ntuser.dat.log, usrclass.dat.log, Windows\Temp, Windows\Debug,

Windows\Prefetch, System Volume Information, "UserProfileDir\Local Settings\Temp\", \Data Backup PC\Buffered\

\* Additional exclusions can be made using filters.

- VSS is not supported on Vista 64

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## TECHNICAL INFORMATION FOR CD/DVD BACKUPS

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1. To ensure compatibility with the widest range of hardware and OS platforms, backup with verify operations may cause the media to be ejected and reloaded (auto tray load on drives that support it) between the backup and verify operations. This is being done to make Windows recognize the newly written media. Please be aware of this condition and do not disturb or interfere with the media/drive during the eject as the tray may close immediately.
2. Due to the nature of DVD-R, burning to this type of media often takes a long time to complete and may show a status of "Closing Session" for quite some time. This is normal.
3. For this release, there must be a minimum amount of disk space available of 1 GB or better.
4. Please remember that DVD media refers to a gigabyte of data as a pure 1 billion bytes, not the actual value which is 1,073,741,824 bytes. Therefore, the maximum amount of data that will fit on most current DVD media is about 4.4Gb.
5. Integral backup file splitting is automatically done by Data Backup PC, therefore, no issues should be encountered regarding any file size limitations based on file system type.
6. Backups which span more than one piece of media will require the entire set of media to be available during restore. This may change in future revisions to only require the necessary media for the files being restored.
7. It is recommended that you turn off Auto-insert notification for CD-R/W and DVD devices when performing backups. With "Auto-insert" notification enabled while other software is writing, the operating system continuously tries to read the contents of the disc being recorded to determine the appropriate action to take.

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