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Ready-to-Use Technology for Small Businesses

Since 1982

OVERVIEW

What's included in Data Backup Package JM1-12



- 1 - Symantec™ Backup Exec System Recovery 2010 Server Edition
- 1 - NETGEAR® ReadyNAS® Duo 2-bay Network Attached Storage (NAS) device
- 2 - 1.5TB Seagate Barracuda 7200.11 SATA Hard Drives
- 1 - NETGEAR ProSafe® GS105 5-port Gigabit Switch
- 1 - APC BackUPS RS 500VA (Uninterruptible Power Supply) - includes USB communications cable
- 1 - Seagate FreeAgent Go 500GB USB 2.0 Portable Hard Drive
- 2 - Ethernet network patch cables
- 2 - Symantec Backup Exec System Recovery 2010 Desktop Edition software licenses - You'll be presented with an option to add additional licenses to your order; a license is required for each desktop and laptop computer in your office - all material, but no box

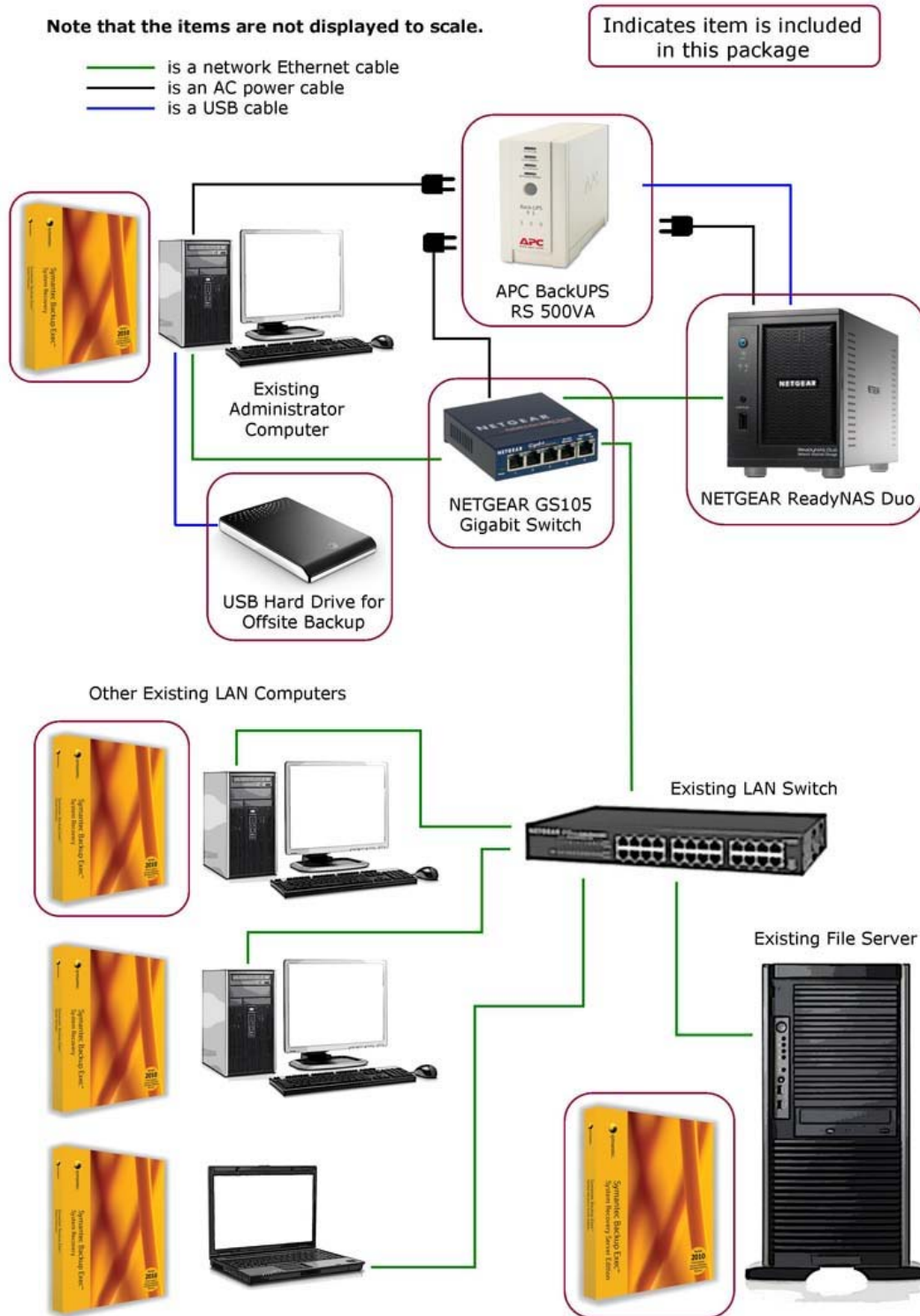
You need this package:

- if you have a file server running Microsoft® Windows® Server 2003 or 2008 and are not backing up the contents of its hard drives.
- if you have desktop and laptop computers on your LAN running Microsoft Windows 2000 Professional, Windows XP, Windows Vista Business, or Windows 7 and are not backing up the contents of their hard drives.
- because the included Symantec software provides the easiest, fastest, and most reliable way to get your business up and running after a hardware failure or other disaster
- if you want to replace your old, unreliable tape-based backup and put an end to tape swapping and media error messages.
- if you are approaching the capacity limit of your current backup system and want better backup software.

How it fits into your current Local Area Network

This diagram shows the physical connections between the products that are a part of the solution package, as well as their relationship to a sample local area network.

JM1-12 Connection Diagram



HOW IT WORKS

How does it all work?

This package was created primarily for those who have no facility for backing up their Microsoft Windows Server and the Windows computers that are connected to their LAN. This is an ideal complement to a brand-new file server, it's a modern replacement for traditional tape-based backup system, and the *Symantec Backup Exec System Recovery* software makes backing up and recovering entire systems, as well as individual files, a breeze.

The Software: Symantec Backup Exec System Recovery (BESR)

For this package we specify two pieces of software — **Symantec Backup Exec System Recovery 2010 Server Edition** and their **Backup Exec System Recovery Desktop Edition** software. Backup Exec System Recovery is our favorite backup software because it is the easiest to use, is the most versatile, and is the most reliable that we've ever encountered. So now we use this exact backup system in our office!

Why Backup Exec System Recovery?

- Unlike slow, traditional file-by-file backup software, BESR records a snapshot, or an image, of your hard drive's contents and stores the image to a selected location while you continue to work — without interruption and at anytime. No user or station needs to be logged off during the process.
- Because BESR records a image of your system state at a precise moment, if you have to restore from a backup, your system starts in the exact state it was in when the backup image was recorded. This means that all of your operating system files and settings, all of your software installs, and all of your vital company data are restored together at once!
- The stored image can be used for complete hard drive restorations or to restore just one individual file quickly and easily.
- BESR is "set it and forget it" technology. After the initial setup, the software will backup your computer hard drives at set intervals, date and time stamp each backup, and delete old backups to manage disk space - all automatically!
- This software allows an administrator to remotely manage the backup jobs and schedules on all the computers in an office right from his or her own workstation — a huge time-saver!

BTW, if you don't need server backup software, please see our other Backup Packages.

The Connection

Historically, a backup solution resided in or near the source desktop computer or was mounted in a file server, but this is no longer necessary. The network-attached-storage (NAS) box is actually a little computer that can be plugged into any available Local Area Network (LAN) port in your office. Therefore, backup jobs can be sent to the NAS box from any computer connected to the LAN.

The included high-speed LAN switch and patch cables allow you to connect multiple devices (the NAS box, administrator's computer, etc. - see diagram) to the LAN.

The Network-Attached Storage (NAS) Box

Symantec Backup Exec System Recovery will backup your Windows Server, as well as any desktop and laptop computers, to the NETGEAR NAS box over the LAN.

The two hard drives in the NAS box are configured to automatically mirror each other, meaning that the second drive contains an exact duplicate of the first drive. This ensures that in the event of a single drive failure, your backups will remain intact. With this redundancy there is a total of 1.5TB of hard drive space available to you for backing up your critical business data and the contents of the desktop and laptop computers in your office.

Disk-based backup is superior to conventional tape backup because...

- you'll never need to swap tapes.
- you'll never face the litany of error messages that tape technology invariably presents.
- you'll never need to wait for a tape to spool to a particular location to retrieve one file.
- you don't need to worry about cleaning the tape drive record/play heads.
- you don't need to buy replacement tapes because hard drives will last for years.
- it allows for built-in redundancy, making the whole system more reliable.

Offsite Backup

To ensure that your data is always secure, we recommend that you keep an offsite copy of your backups on the portable hard drive included in this package. Doing this ensures that, in the event of fire or flood at your office or if the NAS box is stolen, you'll always have a duplicate of your backups safely offsite.

We include instructions for how to setup your system to automatically accomplish this offsite backup process once a week or more.

After the initial setup, all you'll need to do is to bring the USB hard drive into the office on a designated day and plug it in to the administrator's computer. The backup event will automatically run at a pre-determined time. At the end of the work day, you'll take the drive with you offsite. Additionally, the BESR software will automatically encrypt the offsite backup, which will ensure that your data will remain secure if the USB drive is lost or stolen.

The Power Protection

We've included a business-grade American Power Conversion (APC) uninterruptible power supply (UPS) in this solution to protect the electronic components of the backup system from such maladies as dirty AC from the wall, power surges, brownouts, and complete blackouts. The NAS box and the UPS are connected by a USB cable and continuously communicate with each other; so, if necessary, the NAS box will gracefully shut down until the power event is resolved.

This APC UPS is capable of protecting both the Backup Package and an additional computer system — perfect if you plan to place the NAS box at your System Administrator's desk, which is often the case.

What we will do

- We will configure the NAS backup drives for mirroring.
- We will configure the LAN settings (IP address, hostname, etc.) that will allow you to connect the NAS box to your LAN.
- We will configure the NAS user accounts.
- We will configure the NAS shared folders and set up the security rights for each.

- We will optimize the NAS system performance, power, alert settings, etc.
- We will provide you with complete, comprehensive instructions regarding how to connect each element of the package.
- We will provide complete installation instructions for Symantec Backup Exec System Recovery 2010 Server Edition and for the Backup Exec Recovery Desktop Edition software. Also included are step-by-step configuration instructions for setting up backup tasks on the file server and all of the LAN computers.

What you will need to do

- You will need to answer and send back a questionnaire that we will e-mail to you following your purchase. It will ask for, among other things, a list of computer names, administrator e-mail addresses, as well as some other specific information about your network. Note that we will not ask for any passwords, and we will keep all information that you provide to us confidential.
- When you receive your package, you'll need to connect everything to your network and verify connectivity.
- You can, optionally, replace the passwords that we employed to configure the NAS box with your own unique passwords.
- You will need to install Symantec Backup Exec System Recovery 2010 Server Edition on your file server and follow our step-by-step configuration instructions.
- You will need to install Symantec Backup Exec System Recovery 2010 Desktop Edition on each of your LAN computers and follow our step-by-step configuration instructions.
- You will need to call us if you run into any installation problems; we are here to help!

That's it! Remember, we will provide you with complete instructions to accomplish your tasks.

TIME AND SHIPPING

Preparation & Testing Time

Barring any unforeseen circumstances, build-up, customization, and testing time for this solution is approximately 2 weeks, at which point it will be packaged and shipped to you.

Shipping Method

We provide **FREE** FedEx Ground service to the lower 48 states. Standard FedEx rates will apply to orders shipped to Hawaii and Alaska.

Optional Shipping Upgrades:

We also offer FedEx 2Day and FedEx Standard Overnight services as added-cost options after the completion of your order.

For further information, see the Store FAQs.

WARRANTIES & SUPPORT

All warranties and support of individual products contained in JM1-7 are provided by their respective hardware manufacturers or software publishers; please contact them for complete details. The warranty periods begin on the date that appears on your final invoice, which will be sent to you when your order ships.

NETGEAR ReadyNAS Duo

- 3-year NETGEAR Warranty

Seagate Barracuda 7200.11 SATA Hard Drives

- 3-year Seagate Warranty

NETGEAR ProSafe GS105 Gigabit Switch

- Lifetime NETGEAR ProSafe Warranty
- Accompanying external power adapter - 2-year NETGEAR Warranty

APC BackUPS RS 500VA Uninterruptible Power Supply

- 3-year APC Warranty
- APC Lifetime Equipment protection policy: \$150,000

Seagate FreeAgent Go 500GB portable hard drive

- 5-year Seagate warranty

Symantec Backup Exec System Recovery 2010 Small Business Server Edition and Symantec Backup Exec System Recovery 2010 Desktop Edition software

- 1-year Symantec Basic Maintenance: includes free updates and patches and unlimited phone support during business hours, Tech Support bulletins, and security alert notifications. Annual renewals are available.

You can buy from us with confidence!

- We've been in business since 1982.
- We offer only top-quality, business-grade, name-brand products.
- We are an authorized business partner with all of the major software publishers and hardware manufacturers that we feature.
- If, at any time, you encounter a problem with one of our products and you're not sure how to proceed, we are here to help, so please contact us.
- All of our products are backed by our 7-Day Return Policy; please see *Our Policies* for details.
- We respect your privacy. Other than to process your purchase or to respond to a legal obligation, we will never share information that you provide to us without your permission. Please see *Our Policies* for details.