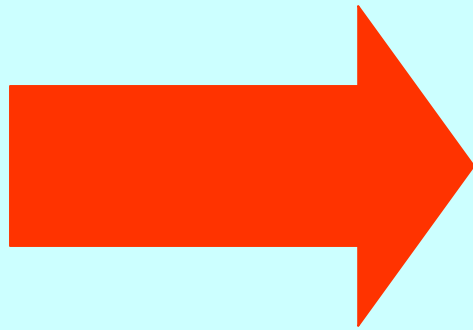


Backing Up Your Computer

Using

Acronis True Image 10 & 11 Home

Sunday, 9/23/07,
Austin American-
Statesman Best
Buy Insert.



**LET AN AGENT HELP
SECURE YOUR MEMORIES**

Geek Squad

We'll set up any
external hard drive to
**AUTOMATICALLY
BACK UP YOUR FILES**

For only
\$99

7860095/8227581
Includes Acronis backup software. Offer valid in store.
Hard drive and PC sold separately.

hp **AMD 64 LIVE!**

AMD LIVE! Smarter Digital Entertainment
AMD Athlon™ 64 X2 Dual-Core Processor 5600+ Computer
with 19" LCD Widescreen Monitor and All-in-One Printer

- Digital TV tuner • 3GB DDR2 memory • 500GB hard drive

(MS100N/W1907/F4180)

AD01PT 23

Agenda

- **Understanding Types of Backup!**
- **Acronis True Image 10 Offerings!**
- **Acronis True Image 11 Offerings!**
- **How do I set up a backup!**
- **Demo of True Image 11 and Director Suite under Vista!**
- **Q&A**

Should You Backup Your Computer Information?

- Do You have any information on your computer that you wouldn't want to lose?
 - Financial info, photos, videos, email, email addresses, documents, spreadsheets, medical info, calendar, website favorites, honey-do list, etc.
- If your computer crashed today, could you throw it in the trash, go to the store, buy a new computer, and be happy?

Acronis

- Website
 - www.acronis.com
- Backup Products
 - Acronis True Image 10.0 Home
 - Acronis True Image 11.0 Home
- Other Products
 - Acronis Disk Director Suite 10
 - Acronis Migrate Easy

System Requirements

- Pentium processor or higher
- 128 MB RAM
- FDD or CD-RW drive for bootable media creation
- **Supported Operation Systems**
 - WIN/2000 Pro SP4
 - WIN/XP SP2
 - WIN/XP Pro x64 Edition
 - Windows Vista

System Requirements

- **Supported File Systems**

- Fat16/32
- NTFS
- Ext2/Ext3
- ReiserFS
- Linux SWAP

- **Supported Storage Media**

- Hard Drives
- Networked Storage Devices
- FTP Servers
- CD-R/RW, DVD-R/RW, DVD+R (incl DL), DVD+RW, DVD-RAM
- USB 1.0/2.0, Firewire and PC Card Storage Devices
- Floppy disks, ZIP, Jaz, and other removable media

Types of Backup

- **Full Backup**
- **Incremental Backup**
- **Differential Backup**

Using Full Backups



Hard Drive 160G



Jan 1st Backup



Feb 1st Backup



Mar 1st Backup



Apr 1st Backup

- (+) Simple
- (+) Shortest Restore Time
- (-) Requires lots of space
- (-) Requires lots of time

Full Computer Backup Sample

- 08/04/2007 11:44 PM 7,967,308,419 2007_08_04_23_30_03_281D.TIB
- 08/11/2007 11:43 PM 7,605,864,718 2007_08_11_23_30_05_500D.TIB
- 08/18/2007 11:44 PM 7,495,250,986 2007_08_18_23_30_03_598D.TIB
- 08/25/2007 11:44 PM 7,374,085,031 2007_08_25_23_30_04_692D.TIB

- 09/01/2007 11:46 PM 7,387,370,387 2007_09_01_23_30_04_581D.TIB
- 09/09/2007 11:46 PM 7,422,861,124 2007_09_09_18_55_07_487D.TIB
- 09/15/2007 11:45 PM 7,310,339,608 2007_09_15_23_30_04_518D.TIB
- 09/22/2007 11:45 PM 7,319,653,095 2007_09_22_23_30_04_206D.TIB
- 09/29/2007 11:44 PM 7,344,432,472 2007_09_29_23_30_05_687D.TIB

- 10/06/2007 11:44 PM 7,345,324,412 2007_10_06_23_30_04_437D.TIB

- *Example – Backup task runs at 11:30 PM the first Saturday of each month.
Task includes complete backup and validation*

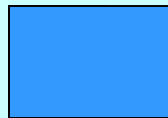
Using Differential Backups



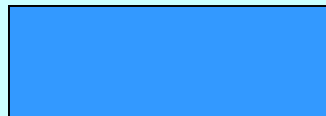
Hard Drive 160G



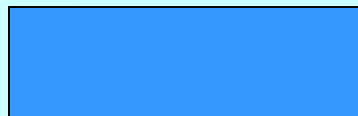
Full base Backup at a point in time



1st Differential Backup



2nd Differential Backup



3rd Differential Backup

(+) Fairly Simple

(+) Medium Restore Time

(-) Lots of space

(-) Time

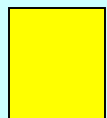
Incremental Backups



Hard Drive 160G



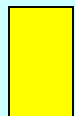
Full base Backup at a point in time



1st Incremental Backup



2nd Incremental Backup



3rd Incremental Backup

- (-) More Complex
- (-) Longer restore time
- (+) Minimal space
- (+) Minimal time

Incremental Backup Sample

- 09/27/2007 11:01 PM 37,331,189 2007_09_27_23_00_04_375F.TIB
- 09/28/2007 11:01 PM 12,232,908 2007_09_27_23_00_04_375F2.TIB
- 09/29/2007 11:01 PM 4,827,191 2007_09_27_23_00_04_375F3.TIB
- 09/30/2007 11:01 PM 5,845,998 2007_09_27_23_00_04_375F4.TIB
- 10/01/2007 11:01 PM 2,209,905 2007_09_27_23_00_04_375F5.TIB
- 10/02/2007 11:01 PM 9,247,824 2007_09_27_23_00_04_375F6.TIB
- 10/03/2007 11:01 PM 5,235,933 2007_09_27_23_00_04_375F7.TIB

- 10/05/2007 11:01 PM 30,596,749 2007_10_05_23_00_04_171F.TIB
- 10/06/2007 11:01 PM 7,793,339 2007_10_05_23_00_04_171F2.TIB
- 10/07/2007 11:01 PM 2,945 2007_10_05_23_00_04_171F3.TIB
- 10/08/2007 11:01 PM 12,026,805 2007_10_05_23_00_04_171F4.TIB
- 10/09/2007 11:01 PM 8,782,743 2007_10_05_23_00_04_171F5.TIB
- 10/10/2007 11:01 PM 11,918,539 2007_10_05_23_00_04_171F6.TIB
- 10/11/2007 11:01 PM 8,881,701 2007_10_05_23_00_04_171F7.TIB

- 10/12/2007 11:01 PM 34,005,874 2007_10_12_23_00_04_709F.TIB

- *Example – Backup task runs at 11:00 PM every night. Task includes complete or incremental backup and validation*

Backup - Lab Workstations

Workstation	Type	Frequency	Auto
L16-Membie	Computer-Full	Monthly	Yes
L17-Classie	Computer-Full	Monthly	Yes
L18-Membie	Computer-Full	Monthly	Yes
L19-Admin	Computer-Full	Monthly	Yes
L19-Admin (Data)	My Data-Inc	Weekly-Daily	Yes
L20-Tank2	Computer-Full	Monthly	No
Ballroom2	Computer-Full	Monthly	No

What would you like Backup software to Control?

- **Location** of the backup data
- **Size** of HD space used for backup
- **Name** of the backup data
- **Frequency** that data is backed up
- **Validation** of backed up data
- **Life span** of the backed up data
- **Number** of data backups
- **Time-of-day** of the data backup
- **Accessibility** to the backed up data
- **Status** of the backup process

True Image V10 Features

- Full, Incremental, & Differential Backups
 - Folders/Files, Computer
- Restore
 - Folders/Files, Computer
- Clone or add a Disk
- Acronis Secure Zone
 - Snap Restore
- Startup Recovery Manager
- Backup Locations
 - Max storage space, max # of backups, max storage period
- Scheduling type, frequency, and validation of backups

True Image V11 Features

- Try & Decide Utility (req Acronis Secure Zone)
- Drive Cleanser, File Shredder, System Clean-Up
- New, more powerful Scheduler
- Sector-by-sector Images
- Ignore Bad Sectors
- Silent Mode
- Browse All Backup Locations
- Restore files/folders without restoring absolute path
- Shell Extension for Archive Validation

Creating Backup Archives

1. What data to backup?

- My Computer
- My Data
- My Application Settings
- My E-mail

2. Select the backup mode

- Complete
- Incremental
- Differential

Creating Backup Archives

1. What data to backup?
 - My Computer
 - My Data
 - My Application Settings
 - My E-mail
2. Backup location Management
 - Setting up a data path
 - Setting the backup rules/quotas
 - Maximum storage
 - Maximum number of backups
 - Maximum storage period
3. Select the backup mode
 - Complete, Incremental, Differential

Creating Backup Archives

4. Select backup options
5. Set up the scheduling task
 - Full, Incremental, Differential
 - Manually, one-time, or frequency and if so exactly when
 - Include backup validation?
 - Include email notification?

Need More Information

- Acronis' website www.acronis.com
- Acronis True Image 11.0 Home User's Guide (119 Pages)
http://us1.download.acronis.com/pdf/TrueImage11_ug.en.pdf
- "Using Acronis True Image 11 Home"
www.ugr.com/newsletters.html
- "Perfect Backup Approach"
www.ugr.com/tutorials.html

ugr is User Group Relations owned by Gene & Linda Barlow

Purchasing True Image 11 Home

- Acronis, Fry's, Best Buy, etc.
 - \$49.00 new license, \$29.00 update
- www.ugr.com
 - \$29.00 new license w/download
 - \$33.00 + S&H on CD
- Acronis
 - 15 Day full function trial

**Let's look at
Acronis True Image 11 Home
Running Under Vista**

Vista Backup & Restore Center Features

Vista Edition	Files & Folder Backup	Files & Folder Backup to Network	Scheduled File & Folder Backup	Volume Shadow Copy Service	Complete PC Backup*
Home Basic	Yes	No	No	No	No
Home Premium	Yes	Yes	Yes	No	No
Business	Yes	Yes	Yes	Yes	Yes
Enterprise	Yes	Yes	Yes	Yes	Yes
Ultimate	Yes	Yes	Yes	Yes	Yes

* Complete PC Backup does not support backing up to network shares