



# *Systems and Solutions*

Abtech Systems

*Where Technology meets  
Business Objectives*



# *Systems and Solutions*

WHEN THE BIG ONE COMES

*And I'm foraging for food –  
How do I get my email?*

*Should you be scared?*



*Should you be worried?*



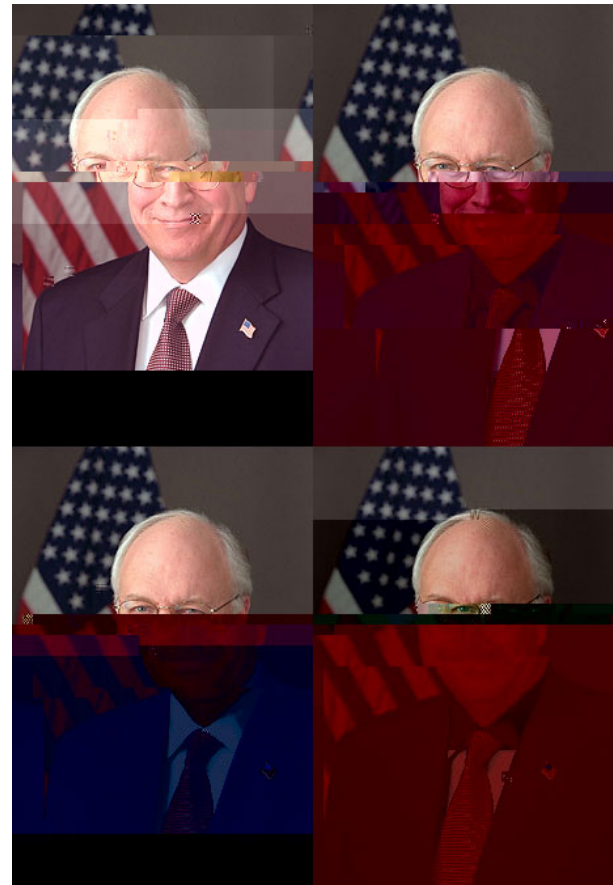
*Tragedies happen every day!*



# *Internal Data Corruption*



- The silent killer
- Problems don't show up on simple scans
- Requires a very sophisticated solution



# *Total loss of data*



- Corrupted files can be backed up right along with the good data.



*The #1 cause of data loss today -*



- Human error



# But, I do backups

- Bank of America's admission on Friday that the company lost data tapes containing federal workers' customer and account information will likely bring renewed attention to [data security](#) issues.
- The *Washington Post* reported that the lost data tapes included personal information on 1.2 million federal employees, among them Sen. Patrick Leahy (D-Vt.).
- On top of a recent disclosure that data warehouse ChoicePoint had compromised the personal data of 140,000 consumers, the Bank of America admission will likely bring renewed scrutiny of data [security](#) and backup processes.
- The recent data security breaches are likely to bring renewed attention to efforts by Sen. Dianne Feinstein (D-Calif.) to craft national identity theft legislation expanding on California's [Database Breach Act](#), or state law SB 1386, which requires state agencies and businesses that collect personal information from California customers to promptly disclose security breaches or face severe penalties. The California law exempts encrypted data.



## "lost data tapes"

About 51,100 results (0.46 seconds)

Search

[Advanced search](#)

### [Lost Data Tapes Likely To Be Costly for Citi by Bank Systems ...](#) ☆

Jun 29, 2005 ... Expenses include customer outreach and remediation, legal defense, and new storage architectures.

[www.banktech.com/showArticle.jhtml?articleID=164904002](#) - Cached

### [Bank's Tape Loss Puts Spotlight on Backup Practices ...](#) ☆

Feb 28, 2005 ... Bank of America's admission on Friday that the company **lost data tapes** containing federal workers' customer and account information will ...

[www.enterprisestorageforum.com/.../Banks-Tape-Loss-Puts-Spotlight-on-Backup-Practices.htm](#) - Cached

[Wells Fargo Banks on Online Storage — EnterpriseStorageForum.com](#)

[nCipher Scoops Up NeoScale — EnterpriseStorageForum.com](#)

[EMC Acquires RSA — EnterpriseStorageForum.com](#)

[Data Breach Bill Sparks Controversy — EnterpriseStorageForum.com](#)

[More results from enterprisestorageforum.com »](#)

### [Bank Data Leak Jump-Starts Encryption Talk - www.esecurityplanet.com](#) ☆

Mar 2, 2005 ... Bank of America's loss of tapes with the personal information of federal employees has experts clamoring for encryption.

[www.esecurityplanet.com/.../Bank-Data-Leak-Jump-Starts-Encryption-Talk.htm](#) - Cached

### [IBM contractor loses employee data | Storage - InfoWorld](#) ☆

May 15, 2007 ... Data tapes containing sensitive information on current and former IBM employees were lost during transit by a third-party vendor, ...

[www.infoworld.com/d/.../ibm-contractor-loses-employee-data-146](#) - Cached

### [Time Warner: Time Warner Statement on Lost Employee Data Tapes](#) ☆

May 2, 2005 ... Statement on **Lost Data Tapes** · Employee Letter · Frequently Asked Questions · Printer-Friendly Page. Time Warner Statement on Lost Employee ...

[www.timewarner.com/corp/newsroom/...data.../press\\_release.html](#) - Cached

### [Incident: Affiliated Computer Services \(ACS\), Kraft Foods Data ...](#) ☆

Affiliated Computer Services (ACS) Data Loss: **Lost data tapes** exposes employee names and Social Security numbers.

[datalossdb.org/.../1892-lost-data-tapes-exposes-employee-names-and-social-security-numbers](#) - Cached

*Really – it all comes  
down to this*

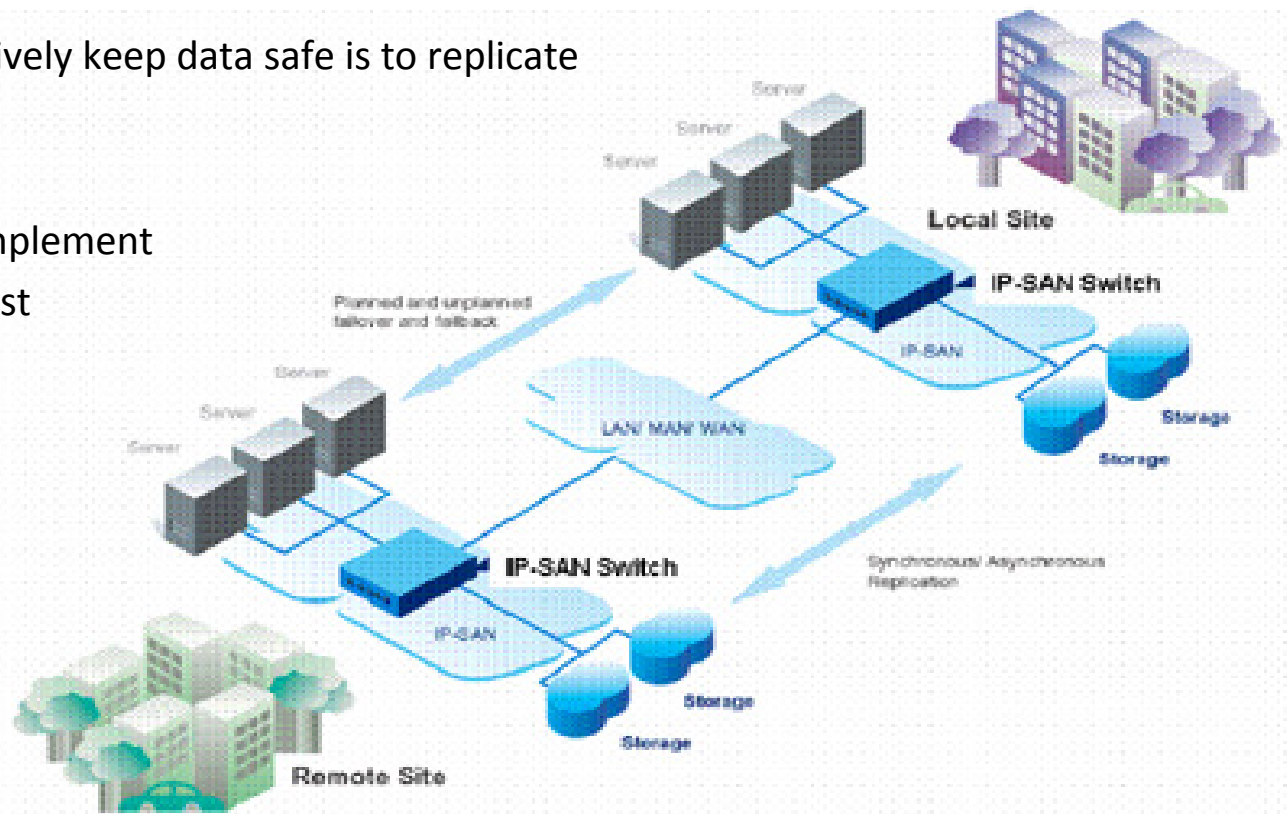


## Lost your data?



# What do I do?

- The only way to effectively keep data safe is to replicate
  - It isn't easy
  - It isn't cheap
  - It takes time to implement
  - It takes time to test



*Many people chose  
plan B*

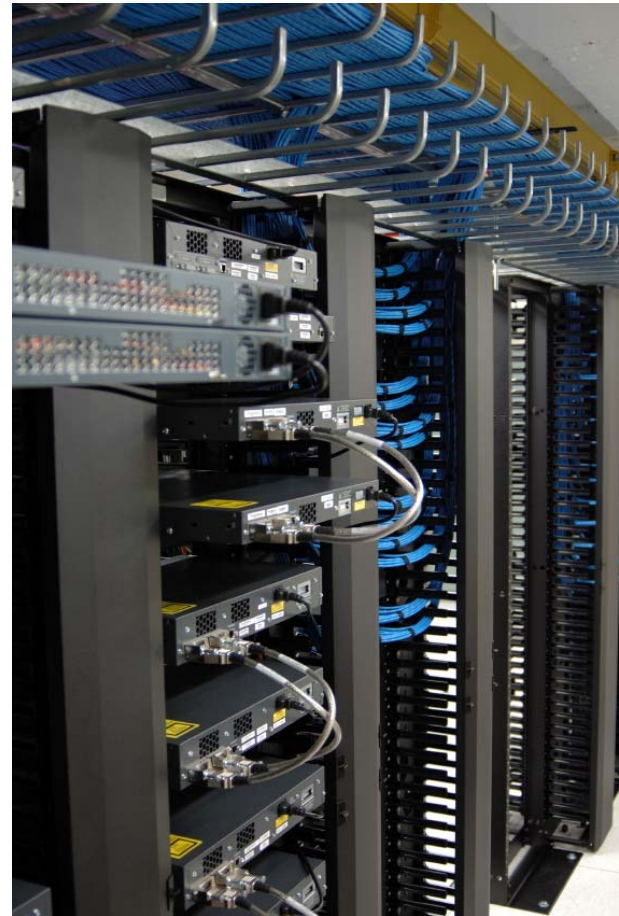


*Abtech can help*

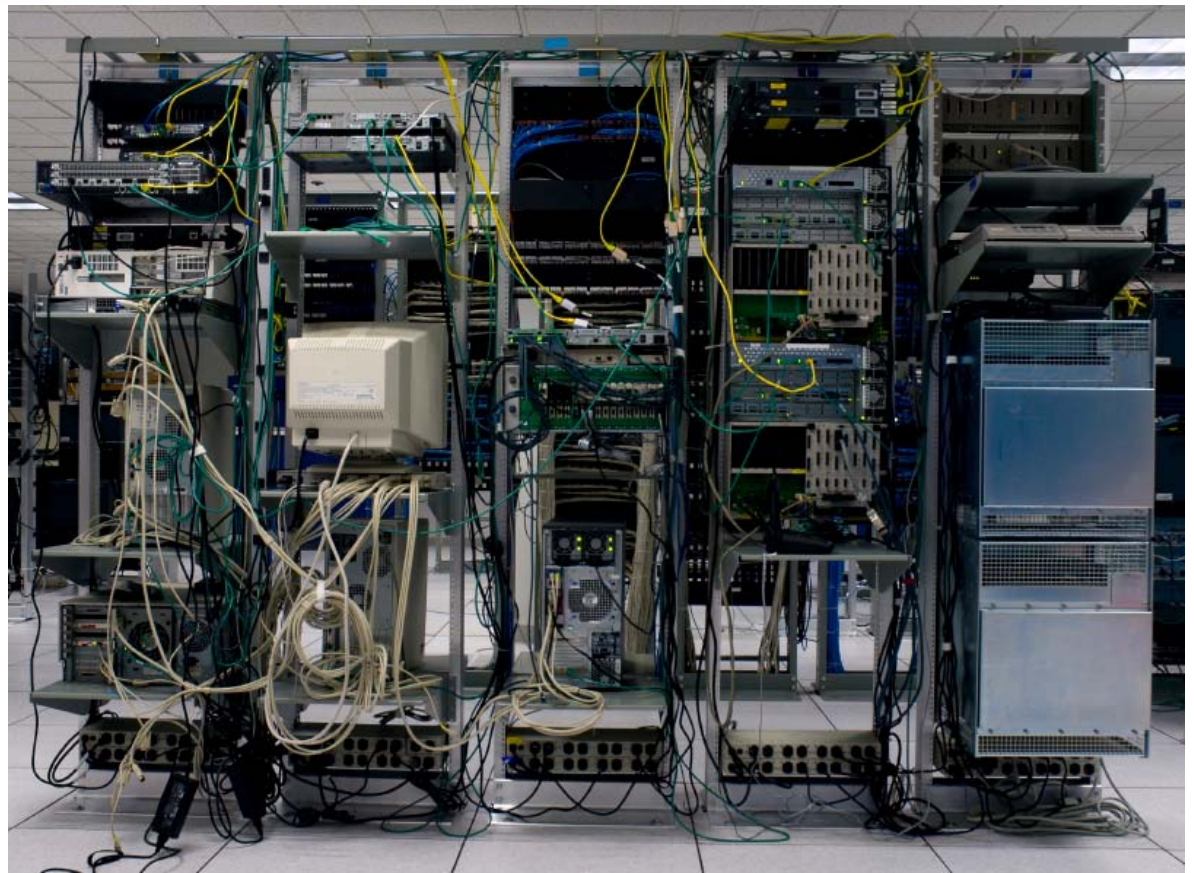


*Why exactly do we need help?*

*Whether your  
datacenter looks like this*



*Or this -*



# *IBM Business Continuity and Resiliency Services*



Comprehensive services tailored to your business resilience needs

The business continuity and resiliency services portfolio includes:

- IBM Resiliency Consulting Services - helping you assess, design, plan, implement and test your resilient business infrastructure
- IBM Managed Resiliency Services - providing you with a wide range of proactive and event-driven managed services to meet your recovery time and recovery point objectives in the event of a disaster
- IBM Information Protection Services - enabling you to quickly back up, restore and archive critical data, information and systems on demand
- IBM Infrastructure Recovery Services - helping you recover IT and business infrastructures including work areas from disruptions to reduce costs and timeframes

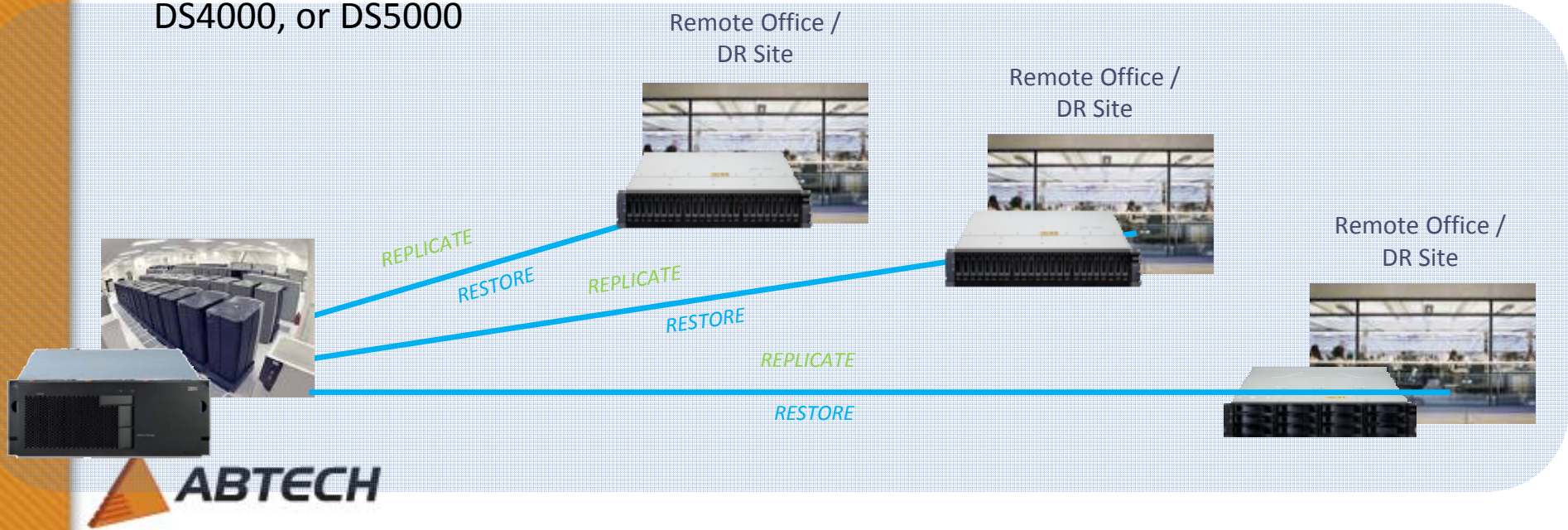
*With all of these services  
from IBM – why again do  
I need help from Abtech?*



*Excellent question – let's think  
about buying a car.*

# And, IBM hardware Designed for Resilience


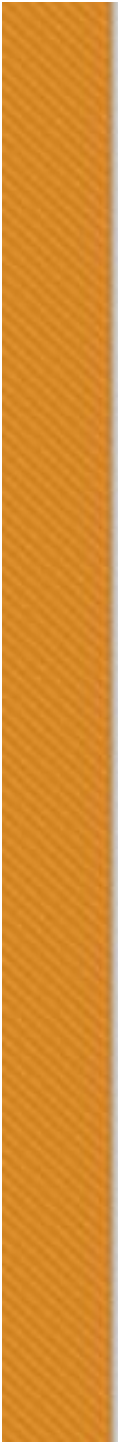
- Low cost, effective disaster recovery or centralize backup data
- Storage-based data replication with multiple mirroring modes
- Primary uses:
  - Disaster recovery, Business Continuity, Centralized backup, centralized data mining
  - Designed to provide ongoing, real-time replication any combination of DS3500, DS4000, or DS5000



# *Why IBM and Abtech*

*We aspire to do four things better than anyone else:*

- Develop an integrated end-to-end continuity program
- Provide and maintain the highest skilled, most experienced team of people
- Demonstrate thought leadership in the marketplace
- Excel at customer satisfaction



*What can you do?*

*Make sure you are meeting with  
your IT staff on a regular basis*

*Get a trusted advisor*

*Ask hard questions*

*Understand the alternatives*

*What can you do?*

*Write this down*



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*What else should you do?*



*Schedule a meeting with  
Abtech and your IT CIO/CTO*