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Hey...what could happen?

Protecting your critical business data from unexpected disasters isn't just a good idea - it's mandatory. No matter what your business size, data loss can bring your operations to a standstill and cost you thousands of dollars. It's critical to have a data backup plan in place so that you never put your organization at unnecessary risk.

There are many potential risks to data and you must assess the probability level and impact to your business. Although not a complete list, this provides a good idea of the wide variety of potential threats to business data.

Environmental Disasters

- Snowstorm
- Flood
- Electrical storms
- Tornado
- Fire
- Contamination & environmental hazards

Organized and/or deliberate disruption

- Act of terrorism, sabotage, war
- Theft
- Arson
- Labor disputes/industrial action

Loss of Utilities and Services

- Electrical power failure
- Loss of gas and/or water supply
- Petroleum and oil shortage

Managed Backup Services (MBS)

When protecting your business data, no safeguard should be spared

What is it? Managed data backup systems are a reliable and convenient data storage solution that enables businesses to simply and securely store all critical data while spending less money and administration time dealing with the implementation and management of the backup system.



A managed backup system is more automated and hands-off than a traditional tape backup system - requiring someone to literally change out tapes when required. Plus, the costs of a managed system are very similar to a tape solution.

With a Managed Backup Service (MBS), a 3rd party provider continuously monitors the system to ensure successful backups are completed as scheduled. Online backup systems are typically built around a software program that runs on a schedule, typically once a day. This program collects, compresses, encrypts, and transfers the data to the remote backup service provider's servers. In a nutshell, MBS provides a:

- Fully automated process with backups stored on an appliance for quick file restoration
- Sound basis for business continuity planning - whatever happens, your data is safe
- Cost-effective solution with an all-inclusive monthly service charge
- Disaster recovery solution whereby secure and fully-encrypted data is transferred online to an offsite data center, ensuring regular backups are stored safely and remotely

Did you know?

- 80% of all business data is stored on computers

- Communications services breakdown
- Loss of drainage/waste removal

Equipment or System Failure

- Internal power failure
- Air conditioning failure
- Production line failure
- Cooling plant failure
- Equipment failure (excluding IT hardware)

Serious Information Security Incidents

- Cyber crime
- Computer viruses
- Disclosure of sensitive information

- A hard drive crashes every 15 seconds
- 60% of companies that lose their data close down within 6 months of the disaster
- Within 24 months, 72% of businesses that suffer major data loss disappear
- 1 in 10 computer hard drives fail each year
- 2,000 laptops are stolen or lost every day
- 32% of data loss is caused by human error
- 31% of PC users have lost all of their files to events beyond their control
- 25% of lost data is due to the failure of a portable drive
- 44% of data loss caused by mechanical failures
- 15% or more of laptops are stolen or suffer hard drive failures
- 1 in 5 computers suffer a fatal hard drive crash during their lifetime
- Recreating data from scratch is estimated to cost between \$4,000 and \$10,000 per MB

Recently more than 1,000 small businesses took part in a survey about their data storage habits and revealed that nearly one-half of them conducted manual back-ups based solely on habit. Some of the startling results reveal that:



- 40% of small- & medium-sized businesses don't back up their data at all
- 60% of all data is held on desktops and laptops
- 40-50% of all backups are not fully recoverable and up to 60% of all backups fail in general
- Nearly 3 out of 5 PC users have lost an electronic file they thought they had sufficiently stored
- 1 in 4 users frequently back up digital files, even when 85% of computer users say they are very concerned about losing important digital data
- 82% keep a hard copy of important documents they've also saved electronically
- 37% of the survey's respondents admitted to backing up their files less than once per month
- 9% admitted they have never backed up their files
- More than 22% said backing up information is on their to-do list, but they seldom do it

ITX News

ITX is pleased to announce that through a competitive bid process, the team of ITX, H&H Data Services, and Matrix Display Systems has been chosen by the **Town of Milliken, Colorado** to design and construct a communications-data system for the Town's new police station and meeting house.

ITX will manage the project team that will provide 13 different requirements including: IP telephony, mobile

Which type of business are you?

One who regularly backs up your servers, or one who says "it won't happen to me" and rarely backs up anything? Just like your health and auto insurance, online backups are something that you're very happy you have when (not if) you need it. ITX's Managed Backup Services is a business-class online backup service that will encrypt and store a secure backup of all the important files contained on all your servers. This can be a life saver if your server fails, a natural disaster or unexpected threat occurs, or you accidentally erase an important file.



How does it work? Using Managed Backup Services couldn't be easier. In most cases it's as simple as installing software on your server that automatically runs in the background while your computer is on. Every time the software runs it checks your servers to determine what files have changed and securely stores copies of those files so they can be easily retrieved.

If I invest in MBS, what do I get?

devices, building access control, cabling, AV, and fiber optic connections.

"We're excited to partner with the ITX team and get this project underway," said Jim Burack, Town Administrator and Police Chief "town officials are ready for our citizens to have a first-class police facility and a community meeting venue to host a variety of functions."



When protecting your business data, no safeguard should be spared. ITX's MBS utilizes multiple layers of security to ensure the integrity and security of your business-critical data is protected from loss or corruption. A sample of what's provided includes:

Hardware

- Tower or rack mount backup appliance
- Storage size of 400GB, 1TB, and 23TB available (uncompressed)
- RAID 1 and RAID 10 configurations available

Backups

- 24x7 monitoring
- 256bit AES data encryption
- E-mail (Exchange) mailbox-level backups
- Automated 15 minute, daily, weekly, and monthly incrementals for recovery
- Annual archive to USB drive recommended for long-term storage

Disaster Recovery

- Virtual Machine Failover for Windows-based server emergency outages
- Automated online/offsite storage feature
- Disaster Recovery Service can provide a new backup device or external HD with online/offsite image by next business day

Ensure your business data is safe. For more information on ITX's MBS, please call the experts at 970.282.7333, or email us at sales@itxfc.com.

ITX is northern Colorado's leading full-service IT support provider:

Network Design | Server & PC Support | Managed Firewall Managed Services | IP Telephony | Managed Backup Services | Wireless | Software, DB, Web Development | Co-location

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