



## Disaster Recovery Planning

### Introduction

With the increasing importance of Information Technology for the continuation of business critical functions, the importance of protecting an organization's Data and IT Infrastructure in the event of a disruptive situation (i.e.: fire, theft, hardware failure, etc.) has become an increasing and more visible business priority in recent years. Of companies that had a major loss of business data, 43% never reopen, 51% close within two years, and only 6% will survive long-term. – *Which category will you be in?*



### Disaster Recovery Strategies

The following is a list of the most common strategies for data protection.

- Backups made to disk on-site (hands-free) preferably on a daily basis
- Backups made to disk to an off-site location (hands-free) preferably on a daily basis
- Replication of data to an off-site location, which overcomes the need to restore the data (only the systems then need to be restored or synced). This generally makes use of Storage Area Network (SAN) technology
- High availability systems which keep both the data and system replicated off-site, enabling continuous access to systems and data

In addition to preparing for the need to recover systems, organizations must also implement precautionary measures with an objective of preventing a disaster situation in the first place. These may include some of the following:

- Local mirrors of systems and/or data and use of disk protection technology such as RAID
- Surge Protectors — to minimize the effect of power surges on delicate electronic equipment
- Uninterruptible Power Supply (UPS) and/or Backup Generator to keep systems going in the event of a power failure
- Fire Preventions — more alarms, accessible fire extinguishers
- Anti-virus software and other security measures



### What We Offer

- Low cost off-site and on-site backup solutions – catered to fit your needs – *keep your data safe!*
- 24/7 Systems monitoring – to help prevent your IT infrastructure from going down and losing data
- Firewall Protection Products – keep intruders out of your IT Infrastructure and away from your data
- Various types of SPAM filtering – virus prevention
- Low cost Virus and Spyware Protection

A question you shouldn't have to face: *"My Data is gone! – What am I going to do now?"*

***"Ask an INFO-TEK Representative how we can protect your IT Infrastructure and Data from any type of Calamity."***