

10 Disaster Planning Essentials For Any Small Business



JR-Tech
506 W. Graham Ave. Ste. 207
Lake Elsinore, CA 92530
951-319-4040



“The 10 Disaster Planning Essentials For A Small Business Network”

If your data is important to your business and you cannot afford to have your operations halted for days – even weeks – due to data loss or corruption, then you need to read this report and act on the information shared. A disaster can happen at any time on any day and is likely to occur at the most inconvenient time. If you aren't already prepared, you run the risk of having the disaster coming before you have in place a plan to handle it. This report will outline 10 things you should have in place to make sure your business could be back up and running again in the event of a disaster.

- 1. Have a written plan.** As simple as it may sound, just thinking through in ADVANCE what needs to happen if your server has a meltdown or a natural disaster wipes out your office, will go a long way in getting it back fast. At a minimum, the plan should contain details on what disaster could happen and a step-by-step process of what to do, who should do it and how. Also include contact information for various providers and username and password information for various key web sites. Writing this plan will also allow you to think about what you need to budget for backup, maintenance and disaster recovery. If you can't afford to have your network down for more than a few hours, then you need a plan that can get you back up and running within that time frame. You may want the ability to virtualize your server, allowing the office to run off of the virtualized server while the real server is repaired. If you can afford to be down for a couple of days, there are cheaper solutions. Once written, print out a copy and store it in a fireproof safe, an offsite copy (at your home) and a copy with your IT consultant.
- 2. Hire a trusted professional to help you.** Trying to recover your data after a disaster without professional help is business suicide; one misstep during the recovery process can result in forever losing your data or result in weeks of downtime. Make sure you work with someone who has experience in both setting up business contingency plans (so you have a good framework from which you CAN restore your network) and experience in data recovery.
- 3. Have a communications plan.** If something should happen where employees couldn't access your office, e-mail or use the phones, how should they communicate with you? Make sure your plan includes this information including MULTIPLE communications methods.



4. **Automate your backups.** If backing up your data depends on a human being doing something, it's flawed. The #1 cause of data loss is human error (people not swapping out tapes properly, someone not setting up the backup to run properly, etc.). ALWAYS automate your backups so they run like clockwork.
5. **Have an offsite backup of your data.** Always, always, always maintain a recent copy of your data off site, on a different server, or on a storage device. Onsite backups are good, but they won't help you if they get stolen, flooded, burned or hacked along with your server.
6. **Have remote access and management of your network.** Not only will this allow you and your staff to keep working if you can't go into your office, but you'll love the convenience it offers. Plus, your IT staff or an IT consultant should be able to access your network remotely in the event of an emergency or for routine maintenance. Make sure they can.
7. **Image your server.** Having a copy of your data offsite is good, but keep in mind that all that information has to be RESTORED someplace to be of any use. If you don't have all the software disks and licenses, it could take days to reinstate your applications (like Microsoft Office, your database, accounting software, etc.) even though your data may be readily available. Imaging your server is similar to making an exact replica; that replica can then be directly copied to another server saving an enormous amount of time and money in getting your network back. Best of all, you don't have to worry about losing your preferences, configurations or favorites. To find out more about this type of backup, ask your IT professional.
8. **Network documentation.** Network documentation is simply a blueprint of the software, data, systems and hardware you have in your company's network. Your IT manager or IT consultant should put this together for you. This will make the job of restoring your network faster, easier AND cheaper. It also speeds up the process of everyday repairs on your network since the technicians don't have to spend time figuring out where things are located and how they are configured. And finally, should disaster strike, you have documentation for insurance claims of exactly what you lost. Again, have your IT professional document this and keep a printed copy with your disaster recovery plan.
9. **Maintain Your System.** One of the most important ways to avoid disaster is by maintaining the security of your network. While fires, floods, theft and natural disasters are certainly a threat, you are much more likely to experience downtime and data loss due to a virus, worm or hacker attack. That's why it's critical to keep your network patched, secure and up-to-date. Additionally, monitor hardware for deterioration and software for



corruption. This is another overlooked threat that can wipe you out. Make sure you replace or repair aging software or hardware to avoid this problem.

- 10. Test, test, test!** A study conducted in October 2007 by Forrester Research and the Disaster Recovery Journal found that 50 percent of companies test their disaster recovery plan just once a year, while 14 percent never test. If you are going to go through the trouble of setting up a plan, then at least hire an IT pro to run a test once a month to make sure your backups are working and your system is secure. After all, the worst time to test your parachute is AFTER you've jumped out of the plane.

Want Help In Implementing These 10 Essentials?

Call For A FREE Network Audit Today! 951-319-4040

Our FREE Network Audit and Problem Prevention Report will reveal Network Conflicts, Security Loopholes, and other potential network crashing issues. This is the cornerstone to any Disaster Recovery plan. We will check your existing backups, look for viruses and malware on your systems, identify failing hardware, and find misconfigured or pirated software. We will check your network speed and diagnose network inefficiencies. Our network audit will show critical maintenance issues that can turn into extended downtime and expensive repair costs that would impede data recovery.

Plus, we will discuss any ongoing problems or concerns you are currently experiencing with your network, and answer any questions you have about future upgrades, adding new equipment, and other projects. After the audit is complete, we will provide you with the resulting reports for you to keep.

The reports will detail all the hardware, software, network devices, printers, and licensing in your entire network. In addition, there are detailed server health reports, workstation health reports, security vulnerability reports, warranty status on all your hardware, and discovery of all other network services currently running. These reports will not only identify conflicts, security loopholes, and potential failures in your systems, but will also outline the recommend steps to resolve many of these issues. The reports are yours to keep and use to repair and secure your network.

You are under no obligation to do or purchase anything. When we present you the reports we will provide you a quote for our managed services to not only repair all these issues, but to monitor and maintain your entire network 24/7 and resolve these issues proactively before they cause crashes and downtime for your employees.