



IT E-BOOKS | JUNE 2022



BUSINESS CONTINUITY AND  
DISASTER RECOVERY SERVICES



# **PLAN ~~FEAR~~ THE UNKNOWN**

**HOW TO PREVENT TOTAL DATA  
LOSS WITH PROPER PLANNING  
AND SYSTEMS IN PLACE.**





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# WHY READ THIS E-BOOK?

Now is the time for companies, both big and small, to take steps to ensure business continuity and natural-disaster resilience. In this increasingly digitized world, backup and disaster recovery must be a top priority for businesses because the repercussions of even a single data loss incident could be fatal.

In this E-Book, we will cover what Disaster Recovery is, break down different types of data loss disasters, how to prepare for them and how to leverage **Business Continuity and Disaster Recovery (BCDR)** to meet and maintain regulatory compliance obligations.



***Example:** A healthcare service provider loses all patient data causing irreparable damage.*



# HOW DOES A BUSINESS EVEN LOSE DATA?

**From cybersecurity threats to natural disasters, data loss disasters come in many forms.** Let's analyze a few that we have come across.

## **NATURAL DISASTERS**

In most cases, you can expect infrastructural damages, power failure and mechanical failures, which could then lead to data loss.

## **HARDWARE AND SOFTWARE MALFUNCTIONING**

Data loss occurring from glitches, configuration errors, programmatic errors, component failures, and/or outdated hardware.







## HUMAN ERROR

Aberdeen Research found that everyday human errors cause nearly 64% of data loss incidents.[1] These errors include accidental file deletions, naming convention errors, forgetting to save, physical damage, and more.

## CYBERATTACKS

Your business may fall prey to malware, ransomware, viruses, or internal sabotage. The cyberthreats are real and every business should account for them.



**STUDY SHOWS THAT INTERNAL  
EMPLOYEE ACTION IS INVOLVED  
IN UP TO 23% OF ALL ELECTRONIC  
CRIME EVENTS.[2]**

[1] Everyday human errors account for up to 64% of data loss incidents. Employees inevitably delete the wrong email, contacts, or critical configurations. [Source: Aberdeen research]

[2][Source: the CERT Insider Threat Center at Carnegie Mellon University]



# WHAT CAN A BUSINESS DO?

**A business can deploy a business continuity and disaster recovery (BCDR) plan.** BCDR may be described as a set of policies, tools and procedures focused on protecting an organization from the adverse impacts of disasters like data corruption events or accidental deletions. The major aim of a business continuity and disaster recovery plan is to ensure the smooth running of critical functions during and after an emergency event in order to minimize downtime.

With more businesses embracing long-term remote or hybrid work models that require their employees to work remotely for some or all of the time, having the right BCDR solution and business continuity plan is becoming increasingly essential.



***Data backup is the foundation of BCDR plans.***



# MINIMIZE DOWNTIME

**The main objective of a business continuity and disaster recovery plan is to ensure business operations do not get interrupted.** BCDR combines a set of approaches or processes that help an organization recover from a disaster so it can resume its routine business operations as soon as possible.

A comprehensive BCDR plan will help you understand your unique risks to your business and implement the necessary protective measures that will help reduce or mitigate and prevent damage. It should include a secure automated backup solution, with built-in redundancy that will keep your data safe and protected.

*The future is unpredictable and the chances of businesses facing a major security incident or serious data loss event are real.*





# PLAN FOR THE UNKNOWN

Data loss disasters can manifest in a wide variety of ways. The key is to be proactive and plan for these disasters. Don't wait for disaster to strike.

## QUICK DATA PROTECTION AUDIT

- ☐ **Do You Understand Your Business's Risk?**
- ☐ **Do You Have An Immediate Response Plan?**
- ☐ **Do You Have A Business Continuity Team?**
- ☐ **Is Your Staff Trained in Data Management?**
- ☐ **Is Your Critical Data Currently Backed-Up?**
- ☐ **Have You Conducted a Threat Analysis?**
- ☐ **Do You Perform Regular Security Audits?**
- ☐ **Do You Have a Backup Management Solution?**
- ☐ **Do You Have Protocols and Protection Devices?**
- ☐ **Do You Mandate Employee Password Changes?**





# ALPHAKOR IS YOUR EXPERT CONSULTANT

If you are unsure about how to take the first step into the world of business continuity and disaster recovery, do not worry. We are here to help. We have been providing professional IT services to businesses for 25+ years!

## TALK TO US TODAY ABOUT HOW BCDR CAN:

- Keep your business running in disaster situations.
- Prepare your team to face an unexpected disaster.
- Minimize unexpected or unplanned downtime.
- Protect your critical business data.
- Backup your business data with automated solutions.

Visit [alphakor.com](http://alphakor.com) to learn more or get in contact with an IT expert.

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