

## IBackup Professional Online Backup Subscription Service and Security Overview

Data loss in today's environment can be catastrophic, especially for small and medium size businesses. Some of the most common causes of data loss are hardware failure, human error, software failure, and viruses. No business is immune to these problems—and that makes backup an essential requirement for today's organizations.

Some of the major challenges that businesses face today while contemplating external sources for their backup needs are:

- Most companies deal with confidential data and a breach of data privacy is a foremost concern
- Traditionally backups have proven to be time-consuming, cumbersome and error prone
- Most restores are only partially successful and there is no 100% guarantee of recovery of lost data
- Backups are stored locally, near the primary servers, putting the business at serious risk if the local site is compromised
- Companies have the additional responsibility of meeting industry standards for data protection and retention

This paper introduces IBackup Professional as a secure, reliable and cost effective online backup service. It is an easy-to-use Internet backup application with emphasis on security and data retention. Our cutting edge technology of fast, highly efficient and intuitive backups have resulted in over 50,000 small to medium size accounts.

### Data and Application Integrity

Small and Medium Businesses (SMBs) operate with large quantities of data, which can be accessed/changed by multiple users at a given point in time. Whenever data is accessed for any purpose, its accuracy/integrity is of prime importance. The same principle applies during backup of data as well.

IBackup Professional achieves data integrity by using an advanced 128-bit MD5 check summing technique on every backup transaction. Further, file meta data is preserved by retaining the data image as it is at the time of backup

## World Class Security and Encryption

IBackup Professional ensures your entrusted data is safely hosted at world-class data centers, which provide the physical environment necessary to keep the servers up and running 24X7. They offer a wide range of security features, including state-of-the-art smoke detection and fire suppression systems, motion sensors, and round-the-clock secured access, as well as video camera surveillance and security breach alarms.

Moreover, all files transferred are encrypted using 128-bit SSL (Secure Socket Layer) technology - the industry standard encryption for data transmission and stored with 256-bit AES encryption. A user-defined encryption key known only to you and not stored anywhere on our servers serves as an additional layer of security.

## Geographical Redundancy

IBackup Professional is committed to protecting your valuable data and diligently follows best practices in data security. Your data resides on RAID-protected industry leading NAS/SAN storage devices with multiple levels of redundancy facilitating fast recovery in case of primary device failure. Going a step further, you can opt for an additional layer of redundancy involving periodical mirroring of your data to an additional off site data center, ensuring a quick recovery from any software or hardware failures.

## Hands Free and Intelligent Backups

Your backups with IBackup Professional happen with minimum intervention. Schedule your backup as per your convenience; your data is backed up automatically at the scheduled time with options for regular notifications on the status, completion or failure of your backups.

In addition, IBackup Professional recognizes only the modified parts of files/ folders and backs them up in real-time, thus offering you hands-free backup of data. You can now view and restore any of the latest 30 versions of a file that was backed up.

## Server Backups

Safely backup your MS SQL /MS Exchange Server databases and System State components with no interruption to the running services. Restore a database backup file to a different database and perform point-in-time recovery for any database.

You can schedule your backups and view logs to keep a tab on the status of your backups. Perform reliable backups of your open/locked files like Outlook (.pst), Quickbooks, MS-Excel and also of mapped drives - even if your system is logged off.

## Web Management

Most SMBs face the singularly difficult task of managing multiple user accounts; create and manage several accounts from a single administrative login and central console via the web. In the same way, locate files, view log files of backups / restores and schedule backups from your account.

IBackup Professional also offers you the flexibility to manage your backup set and its schedule on the move; view data logs and keep a tab on the status of backups after business hours via the website.

## Summary

IBackup Professional is an enterprise class online backup and storage solution. It safeguards your critical data against any eventuality, by automatically backing it up.

Customization options include the provision to modify you Backup set and its schedule, reporting options and more.

Your data is encrypted both on transfer and storage, ensuring its security. The other key features include data compression during file transfers that ensure quick backups, incremental backups that economize the Internet bandwidth usage, Versioning that makes available older copies of files backed up to your account for restore, Server backup, Open file and Mapped drive backup, among others.

## Sign up for a Free Trial

Visit the below link:

<https://www.ibackup.com/professional/index.html>

After entering a valid email address, an email will be sent from [support@ibackup.com](mailto:support@ibackup.com) with details on how to activate a 15-day free trail. Follow the instructions and activate your account to download IBackup Professional. Try the product free for 15 days.



## Production / Technical Support

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Dial 4 for all your billing inquiries

In case you are unable to reach us on the extension for a particular department, dial the other extension. You can also contact us via email at [support@ibackup.com](mailto:support@ibackup.com) or live chat ( available 24 x 7)