Offsite Data Backup

i-Vault

Automatic, remote, and secure file backups

I-Evolve's **i-Vault** backup runs on your servers and is backed up to our secure data center on an automated schedule. You can manage the files to be backed up and schedule when backups are performed. Your critical files will then be compressed, securely encrypted, and transmitted to our facilities. Your files cannot be viewed or accessed in any way without your password.

Continuous Data Protection
i-Vault keeps monitoring the changes made to the selected files and folders, and backs them up in real-time. In conjunction with our flexible retention policy, you'll never miss any changes made.

- Backup incrementally whenever a change to a file is made.
- Every version of critical file is backed up close to real-time.
- Consume very limited CPU resources, thus transparent to users.
- Real-time file protection tool for servers, desktops & laptops.

i-Vault Business Benefits

- **Security** — Protects your data from digital incursions, using passwords and encryption to secure your information. Software is also kept up-to-date, with patches and protocols managed for you.

- **Scalability** — Can provide you as much or as little as you need. It also grows with you, eliminating the need for you to build an entirely new system when your needs change.

- **Saves Time** — Your team no longer needs to spend time juggling tape backup or searching for blank disks to backup your data. Whether daily, weekly, or on another schedule, it automates backups so your team can focus on value-added work.

- **Saves Money** — Pay only for what you use, resulting in regular, predictable billing. Save money by avoiding high-priced custom equipment or needing your own dedicated servers.

Backup Account Protection

For each backup account using **i-Vault**, it is required to have a login name and password. These credentials are used for logging in the client-side application as well as the user section of the web console for security protection. You can choose to have I-Evolve manage your settings, or manage them all on your own.

Secure 256-Bit Encryption

All data will be compressed and encrypted with 256-bit encryption with an encrypting key selected by the user, before being uploaded and stored. On the other hand, decryption is only possible with user's encrypting key. This mechanism provides exceptional security to the backed up data.

Flexible Retention Policy

The Retention Policy setting allows a user to define how long the locally deleted files are going to be retained on the backup server. Besides, it is also used for defining how many legacy versions of a file need to be kept.

When a backup job is performed, for data that are modified or deleted on the client computer, their existing version on the backup server (backed up previously) would be moved into the "retention area," while newly backed up file would be placed in the current data area. Retention Policy setting defines how long are these data kept within the retention area before they are deleted permanently from the backup server. For backed up data that have not been updated or deleted from the client computer, they are kept in the data area on the backup server and remain untouched.

Multiple backup sets

i-Vault supports the creation of multiple backup sets. For example, if a user intends to back up files, Microsoft Exchange database, and Microsoft SQL database on a server, you are able to create three dedicated backup sets, each with its own configurations.

Offline Backup Reminder

i-Vault is equipped with an Offline Backup Reminder feature. It is basically designed for users whose computers are offline most of the time and cannot rely on the backup schedule to backup regularly. With this feature, the users will be reminded to back up when the machine is online so as to keep the critical data backed up.

Open File Backup

i-Vault has been integrated with Microsoft's latest Volume Shadow Copy Service (VSS) framework. It allows you to back up files that are being opened in Windows without any additional applications or plug-ins. In a typical office scenario, a .pst file which stores copies of many important emails is always accessed / locked by Microsoft Outlook. With VSS enabled, you can backup the .pst file at anytime without closing Outlook and users are still able to access their emails.

i-Vault Features

- High speed.
- 100% restorable.
- Continuous data protection.
- Flexible backup schedules.
- User configurable.
- Proxy server support.
- Advanced backup filters.