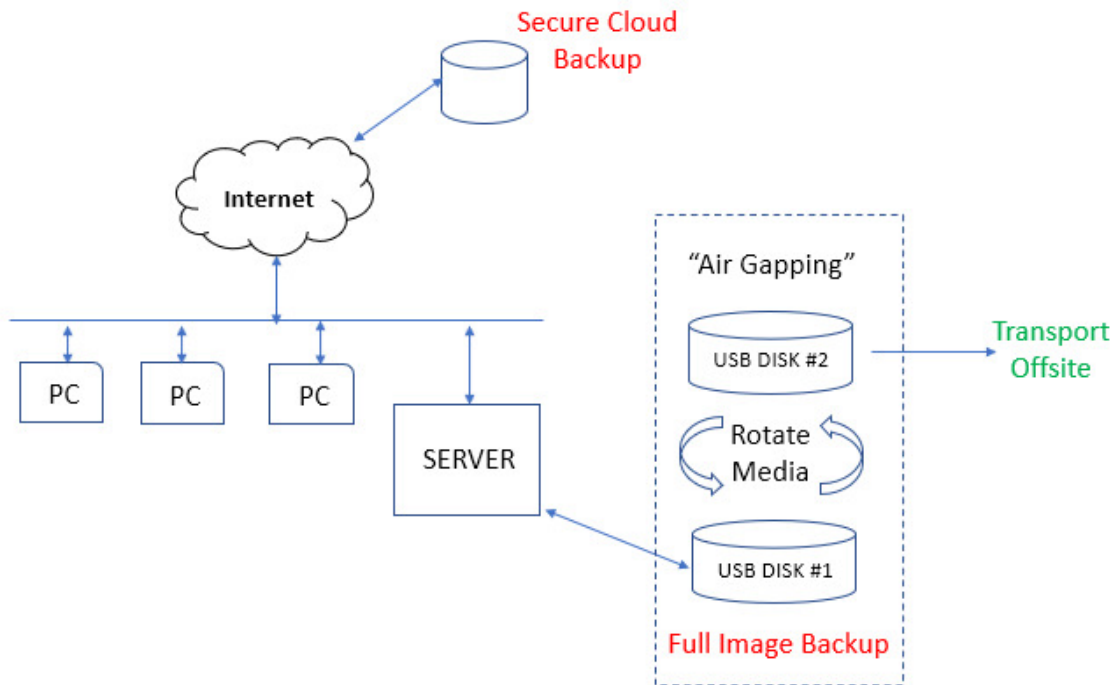


What is an “Air-Gapped” Backup?

In simple terms, an air-gapped backup is a copy of your critical data files stored on media that is offline and inaccessible from the Internet.

Because the backup media is disconnected from any network device, it is virtually impossible for digital thieves to remotely access (or destroy) this copy of your data.



This makes “low tech” air-gapped backups a highly-effective way to protect your most critical data from a ransomware attack.

Many Dr. Backup clients now complement their secure online file backups with an air-gapped image backup of their critical systems.



It enables them to rapidly resume operations in the event of a data disaster -- since an exact copy of the full working environment (Operating System, Applications and Data) is preserved.

This technique requires the purchase of two, high-capacity, removable USB storage devices. These devices are commonly available and each cost less than \$200 to own.

As shown in the illustration above, at any given time, only one of the USB storage devices is actually connected to a computer and available to receive backup data.

The other USB device is secured “at rest” and unconnected to any computer device (air-gapped) until placed into service.

The rotation of backup media into/out of service can be implemented by simply unplugging the cable from one USB storage device and plugging it into the second. This “cable swap” is generally performed on a scheduled basis by onsite administrative staff.

Temporarily transporting the air-gapped backup media offsite can provide an additional layer of protection against catastrophic threats such as fire, flood and theft.

Contact your IT Professional or Dr. Backup customer support for assistance in implementing air-gapped full image backups of your environment.