

ByteVault®

Remote Backup Solutions
From

IRIS Technology, LLC

SCHEDULED BACKUPS

ByteVault has a robust scheduler to make sure your backups happen on time with no intervention.

FEATURE RICH

Most backup software packages charge you an additional fee for add-on services. ByteVault can backup Microsoft Exchange, SQL server, Active Directory, System State and Open files natively. No add-ons required.

OFFSITE AND SECURE

One of the most important steps in any disaster or incident recovery system is having your data offsite. With ByteVault this happens automatically. During a backup, data is immediately sent to our Data Center for storage.

Before sending the data, ByteVault encrypts your information using a 448bit encryption key. Only your unique key can be used to decrypt and restore your data.

HIGH AVAILABILITY

We replicate your data to our other data center located in Madison, WI ensuring high availability of your data.

How can you protect your data & help the environment?

Switch from harmful magnetic tape to environmentally friendly ByteVault Remote Backup

The manufacturing process for magnetic tape, like those used for backing up data, uses high quantities of Volatile Organic Compounds (VOC). The solvents used in the coating preparation, coating application, flash off area, and drying ovens produce significant VOC emission sources according to the EPA. (www.epa.gov) The emission of VOCs from these sources is reduced by using activated carbon absorption or condensers. These methods reduce the emissions in the atmosphere from 40 to 95%. The solvents are collected from these control units by water. A portion of the solvent is reclaimed and the remaining water must be treated before being returned to the environment. In addition, it takes about 1/6th of a gallon of petroleum to make a tape. And about 20 million are created each month. That's 3 million gallons of petroleum. (www.californiagreensolutions.com)

Disposal of magnetic tape is another issue. The outer casing can be recycled in some instances. But the tape itself cannot. It is disposed of by disintegration which makes it into smaller pieces which end up in the landfill or incinerated which there is no physical waste but toxic pollutants are released into the atmosphere. The Magnetic tape that does make it to the landfill may contain pollutants like Chromium (IV) Oxide (CrO₂), which can cause serious health issues. (www.lenntech.com/periodic-chart-elements/cr-en.htm)



Then there is recycling of your old tapes, which is actually just reusing the tape. Recyclers are in charge of getting your old data off the tape before reselling the tape to someone else. If you don't trust your recycler to do so, you will have to format your tapes yourself to remove your data. Keep in mind that data on tape is rarely encrypted, which means that any data on a tape is susceptible to theft.

The manufacturing process for magnetic tape has been under scrutiny by the EPA for various factors over the last 20 years. In addition, vast amounts of fuel are used to ship tapes around the world from the 25 or so manufacturers. As well as vast amounts of electricity used in the manufacturing process of magnetic tape. Chemicals, pollutants, energy all for a product that has a 20 to 50% failure rate right out of the box.

ByteVault Remote Backup does not use tape. It backs up from your set of disks to ours across the internet. There is no additional power consumption used by remote backup because the equipment is already running. And, hydroelectric power is the source of our electricity. There is no better way to backup your data, and no easier way to help the environment. We know ByteVault alone isn't going to save the planet. But if we can help reduce the amount of pollutants in the environment it's at least a start. Call us today to find out more.



505 Dewey Street South
Eau Claire WI 54701
TEL 715.514.1402
FAX 715.514.1463
info@iristechllc.com
www.iristechllc.com