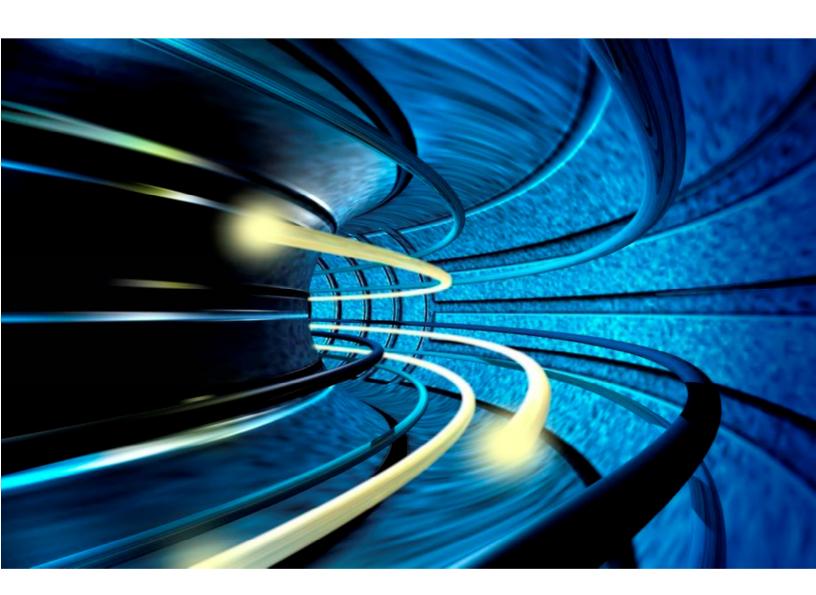# Best Practices in Securing Data from Modification:
Eliminating the Risk to Online Content

GreenTec™

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Until recently, true **Read-Only disk** drives that could really protect your data were not previously available.

GreenTec-USA developed **true Read-Only** high-speed, high-density **WORM** (Write Once, Read Many) disk drives for a sensitive Government Agency.

We are now offering these **WORM** disks to other Government Agencies and select Organizations to protect valuable data assets.

The **WORM** disk drives protect data from accidental or intentional modification, alteration, deletion or re-formatting with capacities ranging from **3 Terabytes** up to **Multiple Petabytes**.

Protection is performed at the physical disk level, and is embedded in the disk drive itself, so it does not matter what operating system or access controls are placed on the disk, the data cannot be modified.

The **WORM** disk works with your existing workstations, laptops and servers and is available in both internal and external disk versions for all standard computer systems and supports all file formats.

The **GreenTec** **WORM** is a superior **inexpensive solution** for **Read-Only storage requirements** with applications in protection of:

- *Video Surveillance*
- *Intelligence Collections*
- *Law Enforcement*
- *Chain-of-Custody*
- *Cyber-Attack Protection*
- *Medical Records*
- *Personnel Records*
- *Corporate Records*
- *Legal Documents*
- *Compliance Reports*
- *Financial Records & Transactions*

- *Contract & Business Records*
- *SEC, SOX, Dodd-Frank Retention*
- *eMail Repositories*
- *Backup and Archives*
- *Secure Audit Log-files and Data*
- *Video, Audio & Music Libraries*
- *Training Materials*
- *Web Site Protection*
- *Disgruntled Employee Attacks*
- *Secure Data Protection*

The **WORM** technology provides a very cost-effective defensive capability for securely protecting sensitive data with simplicity and is easy to use for your organization.

In addition to **WORM** disks, GreenTec-USA provides advanced modular high-performance energy-saving servers and traditional storage systems for all of your processing, storage, video and secure cloud needs.

WORM™

Records Protection

Organizations today have demanding needs to ensure that their sensitive data is protected.

Considerable damage could be done if critical or sensitive files are deleted or altered either accidentally or intentionally.

All types of records must be protected to avoid a disaster, fraud, loss, business interruption, dispute or legal actions by ensuring the integrity of your data.

Your email, forms, documents, pictures, video, audio, transactions, reports, audits, certifications and other files need to be protected.

- **Law Enforcement** – *Video and audio digital evidence collection*

- **Simplified Chain-of Custody** – *Easier handling and transport procedures*

- **Medical Records** – *Patient & Doctor information, procedures, prescriptions, insurance, medical imaging, reports, billing information*

- **Personnel Records** – *Payroll, human resources, insurance, performance reviews, resumes, forms*

- **Corporate Records** – *Corporate filings, intellectual property, inventory, DCAA audits, PCAOB audits*

- **Compliance Reports** – *SEC reporting, Sarbanes-Oxley, Dodd-Frank records retention compliance, HIPAA, DCAA requirements, audits*

- **Financial Records & Transactions** - *Accounting, taxes, bank &, vendor records*

- **Libraries** – *Video, Audio, Books, Music, Documents, Files, Content*

- **Legal Documents** – *Registration, litigation, intellectual property*

- **Contract & Business Records** – *Agreements, contract paperwork, purchases, proposals, management reports*

Protect Your Data Repositories

Every organization has repositories. They could be collections of documents, records, pictures, videos or other data. Repositories have different priorities to an organization.

You have mission critical repositories that you would be paralyzed without. Think of the impact if someone deleted all of your files right now. What would you do?

An example of this is your eMail which is the life-line of business operations, without which we could not operate in today's world. Our daily workflow is driven by eMail, IM, Facebook, Twitter and others.

What would happen if your organization lost the eMail files for everybody for last week, or last month or year? The answer is likely that there would be a significant impact on operations.

An ounce of prevention is worth a pound of cure.   **WORM** disks are lightweight and easy to use. Protect your organization's data through prevention.

Typical repository data that needs protection includes:

- *eMail, Twitter, IM*
- *Documents, Forms, Applications, Contracts, Legal, Medical*
- *File Backup and Archives*
- *Audit Files and Data Files*
- *Video & Audio Libraries*
- *Training Materials*

According to Richard Davis, author of The Corporate Intelligencer:

"GreenTec platforms are empirical verification that Moore's 1st and 2nd laws of computing are in full force and effect."

Ref: http://corporateintelligencer.blogspot.com/

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Prevention of Attacks

What's the damage to your organization if your web site is hacked and data is changed?

If a hacker penetrates your web site's defenses and attempts to modify your web data that is on protected **WORM** disks, the attack simply fails. The hacker is surprised to find out that no matter what he does, your data can not be altered or deleted.

The same holds true for your internal company files and individual files, if they are on **WORM**, they are protected.

What if one of your employees decides he is upset with his salary review and wants to get back at the company by deleting important company files?

You're protected with **WORM** disks. Nothing he can do will modify or delete your data.

With **WORM**, you're protected against malicious attacks:

- *Hackers cannot modify data on your web site*

- *Sophisticated cyber-attacks on your data files are thwarted*

- *Disgruntled employees are prevented from deleting your files*

- *Accidental or intentional, deletion, modification or re-formatting of your data will not succeed*

It's easy to protect your data with the **WORM**. For additional information, email to info@greentec-usa.com or call (703) 880-8332.

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