

EchoLeaf Systems significantly shortens recovery time and streamlines the recovery process, offering lower costs and more predictable outcomes following malicious malware attacks.

**E**ffective and Secure backups are a vital component of a holistic cyber risk reduction strategy. EchoLeaf's true physical air-gapped backup to immutable storage provides the last mile of defense against data loss and corruption.

Ransomware attacks threaten everyone's data. Trillions of dollars are spent trying to prevent it and recover. EchoLeaf cannot prevent the attacks, but we can **prevent you from being held hostage to ransom!**

The EchoLeaf SafeRoom™ physical air-gap solution delivers unmatched security and the strongest protection against malware and ransomware. With our patented virtualization, asset orchestration, complete data isolation, lightning-fast disaster recovery, and rapid non-disruptive deployment, we offer a cost-effective and scalable solution for organizations of all sizes concerned with cyber threats and disaster recovery

- ✓ **One Step Process to recovery!**
- ✓ **Patented ransomware-proof data storage management system**
- ✓ **Prevents catastrophic loss or destruction of archived data**
- ✓ **Rapid restoration of data & operations — Back in Business in Hours, not Weeks**
- ✓ **Complimentary to existing security products**
- ✓ **Lower costs & energy use vs. disk or cloud backup**



EchoLeaf is crucial to protect, preserve, and restore critical data when the inevitable happens...and EVERY industry, EVERY company, needs it now!

#### **True Physical Air-gapped & Immutable Storage**

*True Physical Air Gap storage delivers the highest security and resiliency offering the strongest defense against cyberattacks, including ransomware. By fully isolating systems from potential cyber threats, data remains protected from virus attacks, deletion, and destruction.*

#### **Easy to Implement & Maintain. Non-disruptive to Current Environments**

*Every EchoLeaf SafeRoom™ Suite arrives fully integrated and tested directly from our development center. Our 24x7 System Monitoring Services oversee both hardware and software, providing real-time insights, alerts, and status dashboards. Non-Disruptive – Data is written to a standard disk drive (NFS or CIFS) simplifying third-party integration.*

#### **Patented Technology for the Last Mile of Cyber Defense**

*Protects and isolates data from ransomware threats & data destruction. Facilitates secure data transfer in and out of the archive where systems & data are fully disconnected. Virtualizes LTFS tape into a coherent, easily navigable folder structure. Offers patented restoration of systems data from removable media.*

Effective and secure backups are a critical part of a holistic cyber risk reduction strategy. The EchoLeaf SafeRoom™ is a true physical “air-gapped” cyber vault that is..... *the last mile of defense against data loss and corruption.*

### The EchoLeaf Saferoom Suite™

A groundbreaking solution, the combined EchoLeaf and IBM offering integrates an automated data copy version of production data onto virtualized, air-gapped, secure, LTFS data cartridges. The EchoLeaf SafeRoom™ provides a scalable, modular solution tailored to meet the cyber security needs of small, medium, and enterprise-level organizations.

- 🌀 **True Physically Isolated Immutable & Patented** recovery from cyberattacks and ransomware
- 🌀 **Meets Multi-Year Retention and Physical Air-Gapped protection requirements**
- 🌀 **Dramatically Collapses Recovery/Restoration Time** reduces weeks or months to... hours or days
- 🌀 **Point-In-Time (Roll-Back) Recovery Orchestration**
- 🌀 **EchoLeaf is Non-Disruptive** to current environments and workflows
- 🌀 **Built-in Hardware-based Symmetric Encryption** available. Quantum Encryption ready
- 🌀 **Remarkable TCO savings:** Far lower than Cloud/Disc/Flash. No monthly storage costs or egress charges
- 🌀 **Easily Scalable** from 200TB to over 11PB capacity in a single library system
- 🌀 **Multi-Site Geographic Redundancy** with automatic multiple copies and synchronization
- 🌀 **Lowest Energy Consumption and Carbon Emissions** for Data Storage vs Disk or Cloud (*up to 87% over 10 years*)
- 🌀 **IBM Certified Solution** (24-month validation process)

“Echo” your Data Today™!

To learn more, please visit [www.echoleafsystems.com](http://www.echoleafsystems.com).

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