

Why is it Important?

In today's evolving threat landscape, ransomware has become a critical concern for organizations relying on mainframe systems to manage their most sensitive data. Luminex RansomProtect is a purpose-built solution designed to safeguard mainframe data against ransomware by establishing a secure, virtual air gap between primary data centers and immutable storage. RansomProtect seamlessly integrates with existing backup methodologies, allowing organizations to maintain their current processes without significant changes. By providing a robust, scalable, and highly secure approach to mainframe data protection, Luminex RansomProtect empowers organizations to defend against ransomware while ensuring the integrity and recoverability of their most valuable information.

Business Challenges for Data Sharing

- **Vulnerability to Ransomware Attacks:** Network connectivity between primary and secondary data centers exposes organizations to targeted ransomware threats
- **Risk of Infected Backups:** Traditional block-based replication and snapshots can inadvertently transfer compromised data to secondary sites, spreading ransomware
- **Untested Recovery Methods:** Testing restoration of mainframe data from an immutable copy can be cumbersome and expensive, leading to uncertainty if data can really be recovered
- **Limited Backup Security:** Mounted file systems leave backup data vulnerable to unauthorized access and encryption by ransomware
- **Complex Backup Management:** Managing backup security often requires significant changes to existing processes and architectures

- **Inflexible Backup Policies:** Organizations lack the ability to selectively back up critical datasets, leading to inefficient storage use and increased risk

Technical Challenges

- Difficult to maintain data protection consistency across environments
- Limited visibility to what data is protected
- Difficult to integrate virtual tape protection with cyber vault services for DASD
- No test platform to verify backup integrity
- Difficult to audit and demonstrate compliance
- Recovery processes can be complex and lack granularity

Key Plays

- Preserving an immutable copy of data that can easily be audited, tested, and recovered
- Supports forensic analysis, surgical recovery, and catastrophic restoration
- Simple to implement, and demonstrate compliance with Push Button DR
- Fully compatible with cyber vault architecture for DASD
- Fully compatible with Luminex Tape functionalities

Why Now?

- Protect critical mainframe data
- Demonstrate compliance to auditors
- Provide organizations with the tools to test and recover from their cyber resilient data

Data Sharing

Offer enterprises flexible recovery options enabling them to test and restore anything from a single dataset to the entire catalog, ensuring comprehensive data protection and resilience.

Industry Leadership

Established in 1994, Luminex specializes in mainframe virtual tape and FICON solutions, trusted globally and across all industries.

Learn More

 www.luminex.com

 sales@luminex.com