

CASE STUDY

Secure Recovery of Critical Banking Data from Damaged LTO 7 Tape

How a financial institution successfully recovered audit and transactional data using Stellar Data Recovery for Tape while maintaining compliance and data security



Introduction

A mid-sized banking institution responsible for managing large volumes of transactional, customer, and audit data stored on LTO 7 tape backups to meet long-term retention and regulatory requirements.

Business Challenge

During an internal audit and data verification exercise, the bank discovered that several LTO 7 tapes had become inaccessible due to tape degradation and read errors. These tapes contained critical financial and audit records required for compliance reporting.

As a regulated financial organization, the bank could not risk exposing sensitive data to third-party recovery service providers. With audit deadlines approaching, delays could have resulted in regulatory penalties, operational disruption, and reputational risk. The IT team needed a secure, reliable, and in-house tape data recovery solution.

Solution

After evaluating available options, the bank deployed Stellar Data Recovery for Tape within its secure IT environment. The software was integrated with the existing tape drive infrastructure, allowing the IT team to perform recovery operations internally.

Using Stellar Data Recovery for Tape, the team was able to scan damaged LTO 7 tapes, identify recoverable data, and selectively restore critical files without overwriting original data. The entire process was completed offline, ensuring full control over sensitive information.

Confidential Banking & Financial Services

“Stellar Data Recovery for Tape enabled us to recover sensitive financial and audit data internally while maintaining strict compliance requirements. The solution helped us save time, reduce costs & avoid operational risks during a critical audit phase.”

Client

🔒 Banking & Financial Services,
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Results

The bank successfully recovered critical transactional and audit data from damaged LTO 7 tapes within the required audit timelines.

Key outcomes included:

- Approximately 65% reduction in recovery time compared to external recovery services
- Estimated cost savings of \$5K-\$10K by avoiding third-party recovery labs
- Zero data exposure, ensuring full compliance with internal security and regulatory standards
- Seamless completion of audit activities without penalties or delays

Conclusion

Stellar Data Recovery for Tape proved to be a reliable and secure solution for recovering mission-critical banking data from damaged LTO tapes. By enabling in-house recovery, the bank maintained data sovereignty, met regulatory obligations, and ensured business continuity.

Confidentiality & Security Disclaimer:

As this case involves banking and other confidentiality-driven industries, client identities & sensitive details are intentionally withheld to comply with data security and privacy regulations.

APR, 2026

Solution

Stellar Data Recovery for Tape

Key Benefits

- Secure, offline tape data recovery
- Supports multiple LTO tape formats
- Enables selective recovery of critical files
- Ideal for compliance-driven banking environments
- Cost-effective alternative to external recovery services