



# Maximize Accessibility and Minimize the Risk Stored in Your Enterprise Data

Against the backdrop of an increasingly complex technical infrastructure, a mountain of data, and flat or decreasing budgets, managing the life cycle of information continues to be a challenge for all organizations. Kroll Ontrack Tape Services offer a comprehensive and cost-effective solution for managing enterprise stored data and retaining the required contents for the interim and long term.

## Improve Efficiency

Optimize long-term backup by consolidating tapes and other media. De-duplicating and optimizing data storage simplifies disaster recovery efforts and improves the use of storage resources, thus reducing costs and the risk of lost data.

## Ensure Accessibility

Statutory periods for retaining data are forcing companies to back up and retain data for longer periods of time. Additionally, organizations have a duty to preserve relevant data upon reasonable notice of litigation, including data stored off-site. Recent court decisions make it clear that managing data in a manner that makes it difficult, if not impossible, to recover the data does not absolve a corporation from this duty. It is imperative to plan for long term data accessibility as technology becomes obsolete and the operational cost to maintain legacy systems purely for restoration purposes is no longer practical.

## About Kroll Ontrack Tape Services

Regardless of your storage environment, our process adapts to meet your data management objectives. Based on the requirements, our process could:

- 1. Define the Project**  
Identify the scope, environment and required resources.
- 2. Analyze the Data**  
Examine the media content and provide the information needed to support data retention and destruction decisions, as well as legal and compliance considerations.
- 3. Refine the Data**  
De-duplicate to reduce redundant data and consolidate backups to higher capacity media.
- 4. Review Data Conversion or Manipulation Needs**  
Identify conversion needs such as migrating data from one storage platform to another as well as manage more complex conversions and redactions such as masking personal cardholder data for compliance purposes.

## Rely on Data Management Experts

Whether you need to streamline your current processes or plan for continued data accessibility, our scalable resources are equipped to assist. Organizations rely on Kroll Ontrack's expertise because we:

- » Work successfully with the most exotic data formatting
- » Demonstrate proven experience with a wide variety of data carriers and software solutions
- » Follow strict data security protocols for audit-proof reliability
- » Restore data from physically damaged media
- » Extract data from tape or virtual tape libraries without the physical media leaving the enterprise site

## Capabilities

We provide data accessibility services for a variety of software and tape formats as well as simple and complex conversions, including:

### Backup Software

- » ARCserv®
- » NetBackup™
- » Backup Exec™
- » Microsoft® Backup
- » Retrospect®
- » CommVault®
- » Tapeware®
- » cpio, Tar, Dump
- » HP® Data Protector (Omniback)
- » Tivoli® TSM
- » UltraBac
- » Legato (EMC® Networker®)

### Tape Formats

- » LTO Ultrium 1-5
- » DLT/SDLT
- » StorageTek® (9840, 9940)
- » 4 mm/8 mm
- » QIC/Mini QIC
- » IBM® Enterprise Tape Systems (3480, 3490, 3570, 3590)
- » 9-track tape (reel to reel)

### Simple Conversion

Text translation for databases: EBCDIC to ASCII, comma delimited or quote delimited.

### Complex Conversion and Data Manipulation

Database field manipulation or redaction.

### Aggregate Backup Extraction

Extract specific data without needing to restore the backup.

## Results

Based on the project specifications, Kroll Ontrack Tape Services can help you ensure:

- » A well-defined project plan
- » Comprehensive documentation of data contents
- » Improved usage of IT resources (personnel and operational overhead)
- » Timely delivery of data that is accessible and available for business use in the specified format



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