OASIS
Information Secured

Protect your Organisation from Data Loss with a secure **Offsite Media Storage & Rotation** solution

- Future proof your data
- Avoid legacy system costs
- Fast and reliable service
- Meet regulatory requirements
- Efficient workflow
- Streamline backup processes

PCI DSS COMPLIANT

nqa. ISO 9001 — QUALITY MANAGEMENT

nqa. ISO 14001 — ENVIRONMENTAL MANAGEMENT

nqa. ISO 27001 — INFORMATION SECURITY MANAGEMENT

nqa. BS 15713 — SECURE DESTRUCTION OF CONFIDENTIAL MATERIAL

nqa. BS 10008 — LEGAL ADMISSIBILITY OF ELECTRONIC INFORMATION

nqa. BS 4971 — CONSERVATION AND CARE OF ARCHIVE LIBRARY COLLECTIONS

nqa. BS 7858 — SECURITY SCREENING

CYBER ESSENTIALS CERTIFIED PLUS

Advantatges of a **Tape recovery & conversion** solution

Offsite media storage and rotation is a strategy used by businesses and organisations to securely store and manage their valuable data and physical media assets, such as backup tapes, hard drives, documents, and other important materials, at a location separate from their primary premises. The goals of offsite media storage and rotation are data protection, disaster recovery, and compliance with regulatory requirements. OASIS is one of only three companies in the EU that can offer maximum data recovery when restoring and converting your legacy tapes into readable information. Our expert restoration and conversion experts have the capacity to deal with any tape data recovery requests, from ad-hoc emergency requirements, to the cataloguing and maintaining a database of historical media. Where the restoration application or equipment is now obsolete they can be migrated to more modern media..

Future proof your data

Our guaranteed tape restoration process has the capability to transform your outdated media into a useable format.

Avoid legacy system costs

By utilising OASIS' tape restoration and conversion service you no longer need to retain and maintain expensive legacy Software and Hardware.

Fast and reliable service

By utilising OASIS' tape restoration and conversion service you no longer need to retain and maintain expensive legacy Software and Hardware.

Meet regulatory requirements

Where clients have a legal or regulatory obligation to maintain their data, our tape conversion and recovery process provides a reliable method to meet these demands.

Efficient workflow

Our expert team members have the capacity to restore and convert large volumes of historical data in a very short time frame. They can compliment and enhance your organisation's existing work practices.

Streamline backup processes

Where organisations have their data on several different media we have the capacity to consolidate it into a single format.

Offsite media storage and rotation are crucial components of a comprehensive data management and disaster recovery plan. By keeping duplicate copies of critical data at a secure location, organizations can mitigate risks and ensure that their data remains accessible even in the face of unforeseen events.

How **Offsite Media storage** works:

1 Selection of Offsite Location

A secure offsite storage facility is chosen to store the media assets. This facility should have proper security measures in place, including controlled access, fire suppression systems, climate control, and other environmental safeguards.

2 Media Inventory

An inventory of all the media assets (backup tapes, hard drives, documents, etc.) is created. Each item is barcode labelled and tracked to ensure accurate and efficient retrieval when needed.

3 Regular Rotation

Media assets are rotated between the primary site and the offsite facility on a scheduled basis. This involves moving a set of media to the offsite location while bringing back another set from the offsite location to the primary site.

4 Rotation Schedules

The rotation schedule can vary based on factors such as the organisation's data retention policies, regulatory requirements, and the importance of the data. Popular rotation frequencies include daily, weekly, or monthly rotations.

5 Data Restoration and Testing

In the event of data loss or system failure, the offsite stored media can be used to restore critical information. Regular testing of data restoration processes ensures that the stored media is viable and the restoration process is functional.

6 Security and Encryption

Media assets may be encrypted before being transported to the offsite location to ensure the confidentiality of the data. Security measures, both physical and digital, should be in place to prevent unauthorized access to the media.

7 Disaster Recovery

Offsite storage provides a safeguard against disasters such as fires, floods, earthquakes, and other events that could impact the primary site. This ensures business continuity and minimizes downtime.

8 Regulatory Compliance

Offsite storage and rotation may be necessary to comply with industry regulations or legal requirements regarding data retention and protection.

9 Documentation and Auditing

Proper documentation of the offsite storage and rotation processes is essential. This includes records of what media is stored, when it was rotated, and who accessed it. Auditing ensures accountability and helps meet regulatory standards.

10 Continuous Monitoring and Maintenance

The offsite storage process should be regularly reviewed and updated to accommodate changes in data volume, technology, and business needs.

The importance of reliable ***Tape storage*** *cases*

It is important to consider the use magnetic tape cases storage which enables long-term retention and archival of digital data. Magnetic tape most often comes in the form of cartridges and cassettes, which ensures better storage conditions for the tape itself. Those cases can add security, when transferring, rotating or storing batches of different types of tapes.

LTO

» LTO (Linear Tape Open) is an open-format tape storage technology which is compatible with various storage media products. LTO is considered one of the most commonly used tape formats due to its high native storage capacity (up to 12 TB) and large compressed capacity (up to 30 TB).

DLT

» DLT (Digital Linear Tape) is another popular tape format, whereby data is written on the tape in 128 or 208 linear tracks. DLT cartridges support up to 70 GB of compressed storage capacity, while a new DLT version, SuperDLT, can ensure storage capacity of up to 300 GB.

DTA

» DAT (Digital Audio Tape) is a storage medium which was initially designed for audio use, but has since become a popular backup medium. This tape format supports storage capacity of 1 to 80 GB on a 60- to 180-meter tape.

Benefits

» Those case provide high storage capacity. The amount of new data which is created every day grows at an exponential rate which can significantly increase your storage space requirements, resulting in high costs. The upside of tape is that most tape cartridges have a high storage capacity and come in a small physical package

» It is cost-efficient. When compared to disk-based or cloud-based drives, magnetic tape offers the lowest capacity cost per unit. Moreover, tape storage doesn't require high maintenance costs as tape drives can be stored with little power or cooling equipment and don't take up a lot of space.

» But more importantly is high-level secured. Magnetic tape backups are stored offline, which minimizes the risk of them being affected by ransomware, hacking, or blackouts. Moreover, they are portable, meaning that in case a disaster affects you backup storage, you can easily transport tape cartridges to another location and save valuable data.

Offsite Media Storage & Rotation process

Collection

» Members of our Tape Restoration and Conversion team will collect the tapes identified for data recovery or conversion from your office, incumbent supplier or multiple locations as required.

Transportation

» Your tapes will be securely transported inside our OASIS GPS-tracked vehicles to our data recovery and conversion facility.

Restoration & Conversion

» Upon arrival at our tape data recovery and conversion facility, tapes are restored and converted to the clients specification.

Delivery

» Once the tapes have been restored and converted to the desired format they are securely delivered to the client.

To speak to our team members today about the right digitisation solution for your organisation call:

UK: +44 (0) 1440 760 190
Republic Of Ireland: +353 (0) 1 812 9800
Northern Ireland: +44 (0) 2838 320 700

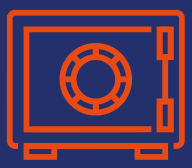
OASIS

Information Secured

Records Management

Scanning & Digitisation

Shredding
& Destruction

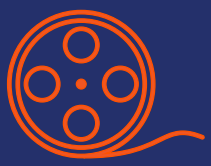


Vault Storage

Tape Restoration
& Conversion

Regulatory Compliance
& GDPR

Cloud Storage &
Business Continuity



Media Vault

Republic of Ireland	Northern Ireland	Great Britain	Netherlands	Belgium
+353 (0) 1 812 9800	+44 (0) 2838 320 700	+44 (0) 1440 760 190	+31 (0)30 2470789	+32 14 412 777

www.oasisgroup.com