

ObjectMatrix

Data Security

Built from the inside out.

Object Matrix Ltd

Experts in Digital Content Governance & Object Storage

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Is it possible to keep data securely?

Sadly, many high-profile news events demonstrate that risk of data loss comes from:

- External hackers
- Internal hackers and/or disgruntled employees
- Spyware, viruses

And then there is the ever-present danger of:

- Human error

What value do you put on your data and is there any way to protect it?

MatrixStore was built from the inside out with data security in mind and provides a great number of benefits over SAN/NAS/scale-out filesystems. If you take digital asset security seriously but don't want to spend your time managing complex cryptography, firewalls and data policies then you'll appreciate that the storage is pre-configured with those core benefits and that individual pools of assets can quickly have security policies applied.

All this comes built into a nearline storage platform that integrated directly into many workflows. From securing content at ingest to providing best of breed digital preservation through out and beyond the production process.

Benefits

- ✓ Access to MatrixStore is always via an API with a strong user authentication model
- ✓ User actions are audited. Even asset reads can be audited
- ✓ Hardened operating systems against hacker attackers are built-in
- ✓ Servers are heavily firewalled and can even be hosted on the web
- ✓ Data transfer can be made with Encrypted Protocols and therefore becomes non-sniffable and non-spoofable
- ✓ Can protect against malicious or accidental asset deletion by making assets immutable (undeletable) for a specified period of time
- ✓ Unlike complex solutions with multiple software packages and because MatrixStore is cohesive, upgrades of one part of the infrastructure will not accidentally leave security holes in another part


Secure Your Data

Because MatrixStore has strong firewalls, data immutability, optional data encryption, strong user authentication, optional data transmission encryption and access is always via an API then with barely any administrator configuration it already has a strong set of data security protocols. Such protocols would only exist on a SAN / NAS solution after the installation of multiple software packages – software packages that require updates and upgrades and can be problematic to maintain. MatrixStore can also audit when files are read or deleted so that the culprit for that film that got posted on to YouTube can be more easily tracked down.

- Built in firewall
- Data immutability
- Optional data encryption
- Strong user authentication
- Optional data transmission encryption
- Built in auditing
- Independently security audited

Contact Us Now

These are just some of the data security services that come in-the-box with MatrixStore. If you would like to benefit from industry leading object storage integrated directly into your workflows please contact us to understand more:

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