



Secure Cloud Backup

Backup // Recover // Archive // Insure

Contact Data2Vault

To find out more or arrange for a free proof of concept

info@data2vault.com | www.data2vault.com

Secure

All backup data is encrypted in transit and at rest offsite and only you have access. This is a FIPS 140-2 certified solution

Optimised

Automated data reduction using de-duplication and compression, means less data, improved efficiency and simplified backup and recovery

Proven

With virtually no human intervention, the service is highly reliable and is always proven before you pay

Flexible

Consumption models to fit any design and budget, from pay as you grow to private cloud, your choice.

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Secure Cloud Backup & Recovery

With the diverse range of application services now running, from public to private cloud and on laptops to smart devices, protecting your critical data has become even more complicated.

The information held in your data is the **critical asset**. It often resides on systems outside of your control, with **little or no protection**.

We can capture, index and protect it within one service, for one fee.

Whether its backup, archive, replication or Data Protection for Data Insurance these are proven services





Secure Cloud Backup

A secure, agentless, tape-free service that is proven to work before you pay

Delivered as you want:

Private Cloud

Your secure data centre

Public Cloud

Our secure data centre

Support Services

Bronze support

8 hour response
(Mon – Fri)

Silver support

4 hour response
(Mon – Fri)

Gold support

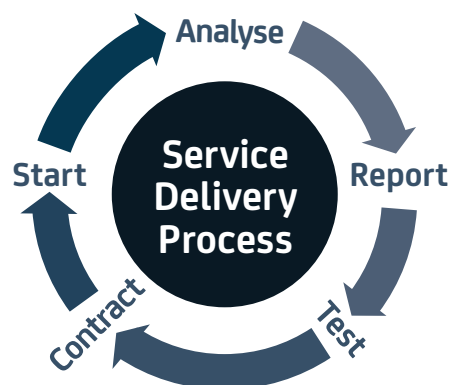
2 hour response
(Mon – Fri)

Platinum support

2 hour response
(Mon - Fri) 24/7

Service Delivery Process

As Data Protection requirements become more diverse and complex, we use proven services to simplify and automate as much of the solution, with their operation proven before you pay



Analyse

Free proof of concept

Report

Information from the proof of concept to confirm the exact cost of the service

Test

Running the proof of concept

Contract

Finalise the terms

Start

The Service goes live

Our services are delivered with flexibility to operate the as best fits with you. Your IT support partner can monitor and manage the service for you or your own IT staff can monitor and manage the services. The IT Disaster Recovery services come with an IT Disaster Recovery Plan and annual test.

Clients were also interested in these services from Data2Vault;

- Remote Virtual Disaster Recovery (DRaaS)
- Cloud File Archive
- Unified Cloud Archive service
- Data Protection for Data Insurance

The importance of FIPS Certification

FIPS is important as it is an internationally recognised, independent standard, that is recommended for use by the UK Information Commissioners Office (ICO).



GDPR is a regulation that anyone dealing (processing or controlling) personal data needs to comply with.

Personal data is everywhere on our systems including our backups and for this reason it is key to consider and implement a comprehensive modern backup solution that not only encrypts the data at rest but also maintains the integrity of the data.

Under GDPR citizens have the right to erasure and our backup solution has a powerful search capability that allows you to find data on the encrypted platform, provide it to the customer, erase it and maintain it if required, ideal for compliance with GDPR.

It's time to consider a backup solution that implements a comprehensive data protection and information governance solution.

NIST
**National Institute of
Standards and Technology**
U.S. Department of Commerce

The National Institute of Standards and Technology (NIST) independently certify products containing encryption that IT vendors provide them. All FIPS 140-2 certified products can be searched for online through NIST

Reference: <http://csrc.nist.gov/groups/STM/cmvp/validation.html>

The importance of FIPS Certification

The Cloud Backup & DR services Data2Vault provide are Powered by Asigra, a FIPS 140-2 certified application, certificate #1240. FIPS is important as it is an internationally recognised, independent standard, that is recommended for use by the UK Information Commissioners Office (ICO). The ICO regulate, investigate and prosecute data loss and data breach incidents under the UK Data Protection Act and the newly implemented General Data Protection Regulations (GDPR).

Please see the ICO guidance on choosing the right software, as it applies to data encryption and the prevention of data loss and data breach



Asigra has the Highest
Internationally recognised
Software Standard for
Security & Encryption
NIST - FIPS 140-20 Certificate

Choosing the right software

The way that encryption software is put together is also crucially important. Software can use a state of the art algorithm and a suitably long key to output encrypted data, but if its development did not follow good practice, or the product itself is poorly tested or subject to insufficient review, there may be vulnerabilities or other opportunities for attackers to intercept data or break the encryption without the users' knowledge. It is also possible that the encryption software includes an intentional weakness or backdoor to enable those with knowledge of the weakness to bypass the protection and access the protected data.

ico.
Information Commissioner's Office

It is therefore important to gain an external assessment of encryption software where it is of critical importance to have an assurance that such vulnerabilities do not exist. Such an assessment may also assist in defining an appropriate algorithm and key size.

It is recommended that data controllers ensure that any solution that they, or a data processor acting on their behalf, implement meets the current standards such as FIPS 140-2 (cryptographic modules, software and hardware)

Reference: <https://ico.org.uk/for-organisations/guide-to-data-protection/encryption/implementing-encryption/>

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