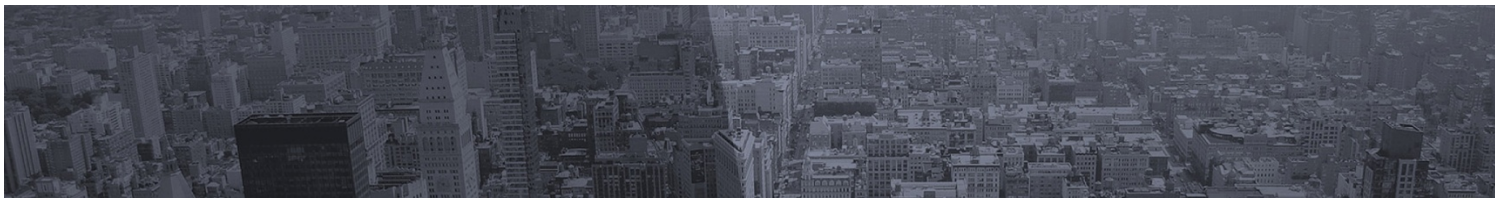
NEPHOS TECHNOLOGIES



SmartCloud DLM
DATASHEET

Data Lifecycle Management is not a new concept, but traditional ways of delivering it have been complex and lack consistency

Storage technologies have evolved more over the past 5 years than over the previous 20, with technologies moving from mainframe, to SAN, to Unified storage and Cloud.

As organisations begin to consider these new approaches it begs the question: what does our data look like and how do we manage it? This isn't something to be solved by faster disk or more storage; it requires an understanding of your data, and a policy framework to manage that by.

So how does I.T. know which approach is right for their data, and how do they continuously maintain visibility and control over their data to prevent spending budget in the wrong areas?

Nephos Technologies SmartCloud DLM Service enables visibility into your data, and gives you policy based control over its access, protection and storage in four simple stages: **Analyse – Policy – Placement – Management**

Analyse

Data is growing at an exponential rate and for too long now organisations have just thrown more storage at the problem. For many companies they have little visibility into their storage usage, its cost or the types of data that they hold, making it almost impossible to apply policy or control over their data storage.

The first stage of Nephos' SmartCloud DLM Service is an assessment of your current state, considering two elements:

- Current storage environment for cost & usage
- Breakdown of data types and usage
- Age of data, including active/inactive split

This gives a holistic view of the overall storage environment from both a commercial and deployment standpoint; enabling Nephos Technologies to provide a strategy document in terms of alternative storage approaches moving forward.

Real World Benefits

Nephos Technologies Data Lifecycle Management process yields real world results.

Working with some of the worlds largest enterprise organisations in challenging conditions Nephos Technologies has used this service to:

- Gain total visibility into your data
- Reduce storage costs by up to 60%
- Remove the need for tape backup
- Deliver an RPO of 1 minute for file data
- Deliver RTO's of 15 minutes for file data
- Reduce application delivery times from days to hours

Policy

Once the global view for data is established Nephos is then able to help develop a policy framework, considering some of the following aspects

- Data classification, retention, protection and restoration
- Data storage media based on data classification
- Identify data that is redundant or duplicated for deletion

Placement

Once the overarching policy has been created it is then a case of executing against that policy with a level of automation that reduces management overhead for I.T.

Nephos Technologies data life cycle management service incorporates a mechanism enabling the migration of data between storage mediums. Whilst this sounds like a relatively simple task doing this at scale safely and without any impact to the user experience is no small accomplishment.

This type of data placement was previously done by archiving or tiering technologies, but that approach can have a major impact on data and end user experience if it does not maintain control of your data throughout it's entire lifecycle and is just used to "lift and shift" your data - how will users and applications know where to find their data?

With Nephos Technologies Data lifecycle management services this is not the case and the migration and placement is completely seamless to the end user as we maintain constant control if the flow of data at all stages

Management

The last phase of Nephos' Data Lifecycle Management service is the management element. This is vital in maintaining clarity into, and control over your data. At the same time management cannot be a burden on I.T. therefore the process needs to be automated and repeatable to continue to drive benefits from it.

Nephos Technologies provides a management layer that automates continuous policy enforcement over your data, through a centralised management portal that ensures you continue to optimise the use of your storage infrastructure

About Nephos

Nephos Technologies is the UK's first independent Cloud Services Brokerage (CSB); helping businesses seeking to develop, implement and optimise their Cloud strategy.

Nephos Technologies can work with your business in a number of ways, whether that's developing a Cloud strategy, helping you to migrate into the Cloud, or delivering Cloud compute and storage infrastructure; we make sure that you get best value.

Without our own Cloud infrastructure to provide, Nephos are uniquely positioned to be able to do so independently across multiple providers, vendors and deployment methods.

Through our ecosystem of partners, Nephos are able to provide a true end-to-end solution across all Cloud infrastructure types.

If you'd like to find out more about Nephos Technologies, the customers that we work with or the services that we provide then please contact us by phone on: +44 (0) 8453104105 or by Email at sales@nephostechnologies.com