

# Greater File Visibility Leads To Better Storage Decisions

## Nephos Smart File Assessment

In our increasingly digital world, most organisations are experiencing rapid, uncontrollable data growth – and IT departments are struggling to contain it. Nephos Smart File Assessment analyses your distributed data files, helping you to make informed decisions about the optimal storage infrastructure for your organisation.

### Data volumes + regulations = need for better control

Exponential growth in organisations' data volumes and constantly – changing data retention regulations mean that maintaining visibility and control over all this data is crucial. But getting on top of all this is extremely challenging for any IT department.

Cloud and object storage platforms are increasingly popular, as they are easy to scale and help businesses manage huge amounts of data. IT departments generally tier their data across storage infrastructures in order to manage it – and this has increased with low cost cloud storage. Migrating to the cloud gives organisations an opportunity to optimise storage by rightsizing these data volumes and allocating them efficiently to either local or cloud storage.

But before you can start creating a data management policy, you need to know what data you're working with. Without a good understanding of this, you could migrate incorrect or redundant data to new platforms that you actually don't need or want.

Gaining visibility into what data your organisation is storing where is typically very difficult, particularly when multiple storage systems in multiple locations are involved.

#### Can you answer these questions?

- What data do we have?
- Where it is all stored?
- How much data is there?
- What file types do we have?
- How old are our data files?
- Who needs to access it, when and how?
- Where is our sensitive data and how does that have to be managed?
- Which data should be stored where?

*A Nephos Smart File Assessment will give you empirical information about your data so that you can answer all of these questions with confidence.*

### Why conduct a Smart File Assessment?



#### NO DISRUPTION

Smart File Assessment does not impact your systems or operations, and no infrastructure changes are needed.



#### GAIN DATA VISIBILITY

See what data you have where, and understand how it is being used. Findings are based on actual data, not just capacity



#### RIGHTSIZE YOUR INFRASTRUCTURE

With the most appropriate infrastructure for your needs, your data will be stored and accessed more efficiently.



#### FIND THE BEST STORAGE STRATEGY

Your Assessment will give you the information you need to optimise your new storage deployments.

## NEPHOS TECHNOLOGIES

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## Tools + expertise = empowering insights

Nephos Smart File Assessment is the result of analysis by our custom-built Datrgy tool and our consultants' expertise. The assessment gives you the detailed, comprehensive insights into your data that you need in order to make informed policy decisions.

As with all of our services, our goal is to work as collaboratively as possible with you. This helps us to understand what's driving change within your organisation, how you generate and use your data, and how the infrastructure that supports it needs to behave.

“ The Smart File Assessment from Nephos Technologies provided us with exactly what we needed: an insight into our data usage.

Nephos worked through a range of solutions to find the right approach for us, before they delivered a full business case.”

*Global Storage Manager  
Investment Bank*

## Your Smart File Assessment will include:

### STEP 1: DATA CAPTURE

Our approach is non-intrusive and non-disruptive – you don't have to enable any network or infrastructure changes.

Our custom built Datrgy platform deploys lightweight sensors to the file systems that need to be scanned. Scans can be run manually or on a schedule for a period of time determined by the size and distribution of your infrastructure. When this ends, we collect the data sets that have been captured by our data collection tools.

### STEP 2: DATA ANALYSIS

The next step is to analyse the data sets that have been collected from your various storage locations and files systems. We identify the following characteristics:

- The age of the data
- The types of data
- How your data is being accessed
- Data growth patterns.

### STEP 3: CONTEXTUAL ANALYSIS

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### STEP 4: STRATEGY DEVELOPMENT

With a deep understanding of your data and its context, we then work with you to develop a strategy that enables new technology to store, protect and use your data more efficiently.

- Identifying where data can be optimised
- Potential technology opportunities
- High-level design of possible solution/s
- A cost assessment of possible solution/s vs your current model
- A business case for adopting the new technologies.

### STEP 5: USEFUL OUTPUT

Here's what you'll receive at the end of your SmartFile Assessment:

- **A full report:** We will send you a detailed management report presenting our findings and recommendations.
- **Raw data sets:** You will receive all of the raw data from your Smart File Assessment. Your teams can optimise, compare and run their own analyses on this both before and after you implement new technologies.
- **Workshop presentation with Q&A:** In this session, we answer all your questions about our results and recommendations. You can also get our input on any follow-up activities that may be valuable.

## Why trust Nephos?

Nephos takes a holistic view of the business, technological, financial and operational contexts of your data. Our independence means we are not tied to recommending certain vendors – instead we provide the most appropriate advice and best possible value to our clients.

Our team of data solution experts are obsessed with their field, and have the knowledge and experience to come up with innovative ways of wrangling and optimising your company's data. From day one, Nephos has had a single focus: solving our clients' data problems.

## You may also be interested in:

### Nephos SmartData Services

Simple, stress-free implementation of the recommendations from your SmartData Strategy. This could include migration to the cloud, enhanced data security, and more.

### Nephos SmartData Governance

Data governance as a service: A gap analysis of your entire data security profile. This helps businesses accelerate migrations and reduce migration risk.

**Ready to take control of your data? Contact us today.**

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