



NODEUM USE CASE



How Has a Manufacturing Company Automatically Audited all their Files ?

1 - Their Situation

Today's amount of Data have saturated their 40TB primary storage system (Flash). To cope with their Data Growth, they need to double their storage capacity and bring it up to 80TB.

However, the problem is... They're not sure about how those first 40 TB are used today. Probably many Data are not accessed since years.

2 - Goals and Wants

They want to "Audit" all their existing files and know several information :

1. What are the files they really need.
2. "Data Creation" and "Last Access" dates.
3. Is there a way to avoid "just extending" the today's primary storage and then again once more in a few years because the root cause of the problem isn't solved.

3 - Challenges and Obstacles

They faced mainly 3 challenges:

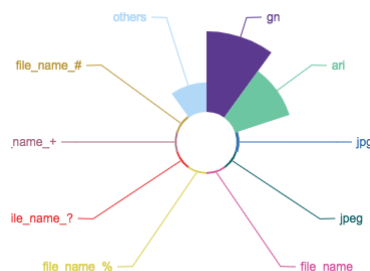
1. The cost of adding 40 TB of Disk was expensive in Capex and Opex.
2. Then the risk to double that cost in 3 years was real.
3. They were feeling more and more uncomfortable to manage the Data the same old way without questioning the logic of it (being a "Black Box").

4 - Problems they need to solve

The Problem could be solved in 3 different steps:

1. Know Which Data is produced (rate and size) and Who produces it?
2. know the Data accessed on a regular base vs the Data rarely accessed and even not accessed at all since years.
3. Why have only 1 Platform / Technology for storage while we can archive old data on much cheaper platform? Can we mix several Technologies in an easy, safe, economical and unified way to make it accessible through one single screen?

gn	208,826 files
ari	106,211 files
jpg	286 files
jpeg	119 files
file_name_	100 files
file_name_%	100 files
file_name_?	100 files
file_name_+	100 files
file_name_#	100 files
others	28,065 files



Their Ideal Solution

1. Should automatically generate a Central Catalogue with all files inventoried in each storage (in this case their 40TB "primary" one)
2. Have for any file the appropriated set of metadata to know:
 - The files type / extension
 - The creation date
 - The last accessed date
 - The data producer
 - Sources and paths
 - And more tags if available...
3. As well as the "Search Engine" capability to find, retrieve, organize, categorize,... all those files the way you need, want or wishes.
4. Should "proactively " propose to balance the data overload on the most suited platform according to their data lifecycle and according to their requirements.

IF YOU WANT TO "AUDIT" THE FILES TAKING THE SPACE OF YOUR PRIMARY STORAGE AND HAVE THE FULL AUTONOMY TO EASILY ORGANIZE AND MANAGE IN AN ECONOMIC AND INTELLIGENT WAY THE DATA GROWTH FOR YOUR COMPANY WITH YOUR PREFERRED VENDORS

GET A FREE CALL WITH OUR SENIOR TECHNICIAN NOW BY FOLLOWING THIS LINK.

How Nodeum helps them to solve their problem ?

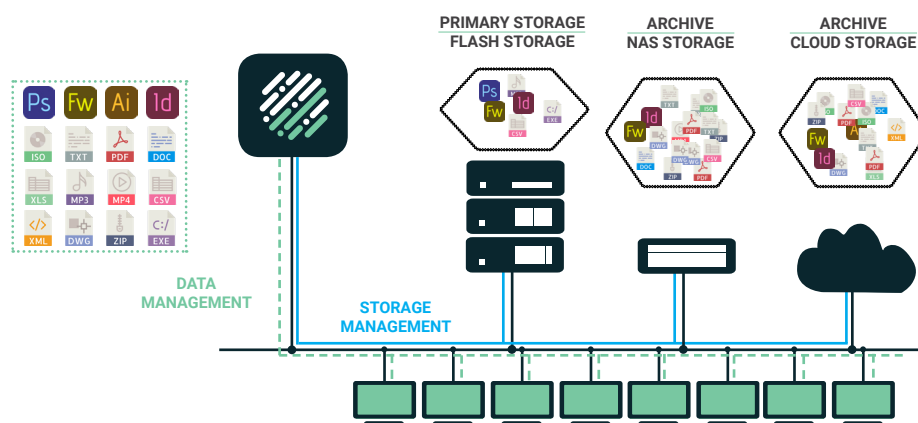
In only 2 days after installing Nodeum they had:

1. The "Full Catalog" of all their files, with respective metadata, in one central place.
2. A clear view of the files not accessed since years that could be "Archived" in a more appropriate platform than a primary flash storage.
3. In this case they considered to tier storage to a CLOUD provider at very reduced cost to free up more of their today's expensive storage.

The best part? They were willing to invest into a specialized company to audit their data management to have a one-time report on their data.

And for less than the price of that audit, Nodeum generated that exact same audit, provided the gateway to any further platform/technology they wanted and with the possibility to automate their workflows for the years to come.

We speak about a saving of 21.300 €/ year in Capex only and probably even more with the yearly Opex.



CONTACT US

Further information on **NODEUM.IO**

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