



Data migration to the cloud

NOW SMART RATHER THAN
HARD WITH APARAVI®

Data migration to the cloud

Too expensive, too long:
The data odyssey into the cloud



Initial situation: Unstructured data inflating time & budget

Up to 75 percent over budget, and then still more than three months overdue.*

Those are the stark figures when it comes to cloud migration projects at organizations. A major reason projects get delayed and budgets exceeded is the presence of digital dead wood lying dormant amongst the company's unstructured data.

Up to 80% of your storage space is taken up by unstructured data, consuming huge amounts of your storage budget.

Avoid simply “lifting & shifting”

The problem mainly lies in the unstructured data clogging up your systems, eating away at performance and undermining your data protection efforts. With APARAVI® you can find, analyze and classify this data before migration takes place. Your benefit: You avoid taking all this data risk along into the cloud or new system when migrating – saving you time and money.

80%
UNSTRUCTURED
AND UNUSED



80% to 90% are unstructured information like texts, pictures, PDFs, videos, audios and more. Everybody who understands and uses the potential of this data gains a competitive advantage and furthermore only needs to migrate a fraction of the data into the cloud.

Source:

*McKinsey Industries Study: Cloud migration opportunities, Sept. 2021

Data migration to the cloud

What is important, what can be discarded? Shine a light into your data darkness.



The challenge: Analyzing & classifying data correctly

Not many companies are aware of the rapidly growing volume of unstructured data in their systems. While IT service managers and data owners do have an idea of the problem, even they tend to underestimate the sheer magnitude – simply because they have never had their unstructured data sets professionally analyzed, indexed or risk assessed. Consequently, they end up perpetually wading through a swamp of muddy data, instead of swimming rapidly and unhindered through clear data lakes.

What comprises unstructured data?

- Text and Office files
- Image, video and audio files
- Chat threads
- Offer, invoice and contract PDFs
- Satellite images
- Emails from IoT device sensors

-38%



POOR DATA WRECKS YOUR TURNOVER

Companies which are not data-driven lose over 30% of their turnover through poor data quality.

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The right approach shortens migration processes

An imperative step prior to migrating data to the cloud is establishing a classification taxonomy with which the data can be organized and prioritized correctly. This means creating a complete inventory of all local data sets including their relevance. It is moreover crucial to clarify whether the data contains sensitive information which may be at risk should a data breach occur.

More secure & sustainable: Once security-critical data has been identified, it becomes possible to move it to storage locations outside of the cloud or to special, access-controlled zones. Data which is redundant, obsolete and trivial is deleted, thus minimizing storage costs and the CO₂ footprint.

APARAVI recommends

In addition to structured data cleansing and reduction, it makes sense to use a cloud cost calculator. This allows future costs for cloud storage to be estimated more realistically, based on:

- volume & type of storage used for cleansed data
- computing resources according to instance type and operating system
- specific performance and network requirements

Our platform delivers reliable estimates by finding, classifying and analyzing unstructured data in your on-prem infrastructure.

Data migration to the cloud

Delete 40% of your unused, useless data prior to migrating

The solution: APARAVI® for secure, swift migration of data

Our platform supports you systematically during the cloud migration. Using the platform already before the data migration, allows you to identify up to 40% of the data as unnecessary that you can quickly delete. Additional „Quick win“ in terms of security: Once you have classified all of your data, you can immediately identify critical data-sets and secure them.

The imperative to clean up your data prior to migration

Reduce costs and risk in advance of the migration procedure and minimize the burden on your specialized departments during the process:

- **Quick insight** into the potential to delete data thanks to powerful platform
- **Reduce complexity** through analytical tools & intuitive reporting tools
- **More transparency**, as over 6,000 file types can be identified and scanned with text recognition
- **Cost clarity** by way of the cloud calculator, which calculates your requirements in terms of data volume, data types, instance types & network specifications
- **Keep migration projects on track** thanks to ready-made automation and best practice workflows

12 Mio

POOR DATA,
HIGH COSTS



Unusable data can cost a medium-sized company up to 12 million euros per annum on average

Data migration to the cloud

Delete 40% of your unused, useless data prior to migrating

Helpful and beneficial in all migration phases

Orientation before migration:

You quickly obtain an initial overview of the existing data and its structure. Your users can view the consolidated data in the APARAVI® Cockpit, find it by way of predefined features, classify it based on content and bundle it using tags.

Agility during the migration process:

APARAVI® compresses files (LZ4 compression) and encrypts them securely with a unique passphrase (AES-256). This accelerates the transfer of data considerably, as the total file size is reduced by up to 40 percent.

Optimization following migration:

APARAVI® examines all your data sets in accordance with tailored schedules, identifies duplicates based on content (SHA-512 algorithm), finds files and checks the user groups assigned by the system in the files' metadata. This process is automated, moreover, to ensure better data agility.



Datenmigrationen in die Cloud

Now smart rather than
hard with APARAVI®

Get informed. Start migrating!

Would you like to proceed efficiently and identify cost-saving potential for your company?

Let's talk about it! Set up your individual appointment with our data migration experts now.

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