

ARCHIVE



Checklist

8 FACTORS TO CONSIDER WHEN CHOOSING A LONG-TERM ARCHIVING SOLUTION

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Checklist for choosing a long-term archiving solution

Once the foundations for the implementation of an archiving solution have been laid and the framework conditions are clear, organizations must address the question of finding the appropriate solution. In this context, many requirements have to be considered: Future reliability, flexibility, scalability, compliance, costs and more. In order to master the multitude of challenges, we would like to give you an initial orientation guide with this checklist. The following requirements play an essential role when selecting an archiving solution.

INDEPENDENCE & FLEXIBILITY

In the field of archiving business data, hardware independent solutions are in demand which ensure long-term protection of business investments and flexibility. A software-defined approach offers the advantage that the archiving functionality is not tied to the hardware level but to a software layer. This enables a free choice of storage vendors and technologies and an easy replacement of storage media (no hardware lock-in).

SCALABILITY

The immense data growth in all industries requires archiving solutions which enable a flexible and economically efficient expansion. This ensures the archiving systems' ability to withstand the data growth and new requirements for data management for the long-term and an efficient usage of storage capacities.

INTEGRATION & INTERFACES

When archiving business data, many systems, applications and storage platforms interact with each other. To guarantee a seamless interplay, the archiving system needs to be integrated into the existing and heterogeneous IT infrastructure. An easy integration can be ensured if the archiving solution is based on industry standards (open interfaces, CIFS/NFS, S3, standard servers and storages). As data from different business applications e.g. ECM, DMS or PACS must be archived, you should make sure that the archiving solution supports a broad portfolio of business applications (ISVs). This guarantees that the archiving solution can be used as a central archiving platform even if storage systems change.

COSTS & LICENSING

To ensure cost efficiency of the archiving solution, the system should exhibit low entry and low total costs of ownership (TCO). If the archiving solution is based on standard hardware, entry costs can be reduced as the costs for purchasing specialized storage hardware is not required. Furthermore, with hardware independent solutions, organizations can save long-term license costs because a relicensing of every new hardware generation is usually not necessary (as it is often the case with proprietary archive silos). Costs for unused capacities can be saved and archived data can be migrated to cheaper storage systems (HSM) or into the cloud if demanded.

ADMINISTRATION

In order to use IT resources in an efficient and economical manner the archiving solution should imply low maintenance and administrative efforts. If the solution runs entirely in the background, efforts for trainings and administration can be minimized. Thus, time and costs can be saved for the long-term.

HYBRID STORAGE APPROACH

The archiving solution should enable onsite (SAN, NAS and DAS), object or cloud storage (e.g. S3, Microsoft Azure Blob Storage) in order to allow for flexible, cost-efficient and future-proof data archiving.

COMPLIANCE & CERTIFICATIONS

To guarantee maximum data security and compliance, the conformity of the archiving solution with legal requirements - such as GDPR, SEC 17a-4, SOX, GoDB, etc. - should be assessed and approved. When choosing an archiving solution, you should take independent certifications which prove compliance with legal requirements into consideration.

DATA MIGRATIONS

Due to technological progress and potential internal adjustments, storage systems change during the data retention time. This requires data migrations to new systems. Thus, migrations should be performed in a fast, uncomplicated and cost-efficient manner – even during regular business operations.



CONTACT OUR EXPERTS

Are you searching for a cost-efficient and future-proof archiving solution?

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