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The Transformational Rise of Active Archives

The adoption of advanced digital transformation initiatives in recent years has placed massive amounts of data at the heart of the business and changed the nature of how archives should be leveraged. Rather than passive, "locked away" data sets, new requirements and solutions have emerged that make archives more "active" to unlock business value.

The Data Explosion

Data growth is not slowing down as more businesses become data-reliant.

Organizations' perspectives on data importance.

62% of these organizations expect to develop **new data-centric products and services** in the next 24 months.

The mean total volume of data stored: **8.7 PB**

The mean volume of archive data: **4 PB**

Active archive annual mean growth rate: **36%**

Strategy Trends

General data archive profile guides active archive strategy.

The Three Dimensions of the Active Archive Profile

FREQUENCY

Typical frequency with which information is retrieved or accessed from archived media/systems.

44% Daily

79% Weekly

AGE

Average age of the information that is retrieved or accessed from archived media/systems.

50% < 1 year

RETRIEVAL TIME

Typical requirement among users in terms of archived information retrieval time.

68% of users say **within minutes.**

Influential Factors

Active archive requirements and benefits commonly involve scale and performance.

Top 5 preferred attributes of active archive solutions.

65% Has very high or unlimited storage scalability

53% Provides contextual search capabilities

52% Provides cost-efficiency

49% Leverages public cloud services

47% Provides a (front-end) user interface

Use cases supported by active archive solutions.

67% Analytics

63% Cyber-resilience

61% Support main business process(es)

52% Fulfillment of formal release of information requests

51% Support or extend a high-performance computing (HPC) workflow

37% Soft and/or hard record purge with a certificate of destruction

Top 5 benefits realized as a result of having an active archive strategy.

1. Improved data access

2. Improved data lifecycle

3. Operational efficiency in supporting core business

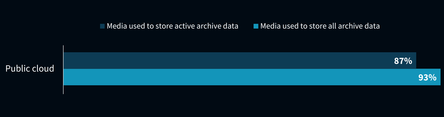
4. More efficient way to perform certain big data/analytics functions

5. Improved cyber-resilience

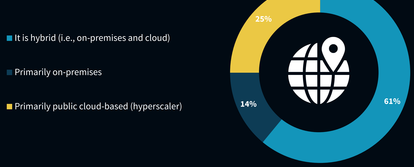
Today's Dominant Approach

Cloud archiving is the new norm.

Media used to store archive and active archive data.



Active archive topology.



For more data and analysis from this ESG research study, including specific recommendations for organizations looking to move from "data reactive" to "data-centric," read the ESG Research Report, *The Transformational Rise of Active Archives.*

LEARN MORE

Source: ESG Research Report, *The Transformational Rise of Active Archives*, October 2021.