



# RainStor for Application Archiving

## Challenges of enterprise application data growth

Enterprises with large packaged and custom application databases face the challenge of maintaining a complex and rapidly growing data environment. Many production databases now exceed 500GB, with growth rates that exceed 40% per annum while also requiring multiple copies. These large and growing production databases result in application performance issues, and require costly infrastructure and resources to maintain.

Many organizations expend more effort upgrading, tuning, and maintaining production databases than addressing the root cause of these problems by archiving historical data. As much as 80% of data within production databases is comprised of inactive records that are not frequently accessed but must be retained for regulatory and business reasons. With enterprise applications typically residing on expensive tier one infrastructure, the costs of managing inactive data in this environment are significant and unnecessary.

For organizations with large and growing enterprise applications there is a pressing need to relocate inactive data from complex and bloated production databases into simple and highly compressed archive stores that reduce infrastructure and operational costs.

## Long-term retention of structured data with RainStor

RainStor is the optimal archive store for inactive data that should be removed from production databases, dramatically reducing the cost and complexity of storing historical data. RainStor is also the ideal repository to house data from decommissioned applications, minimizing the time, risk, and cost of retiring obsolete systems.

**REDUCE** the cost and complexity of long-term information retention.

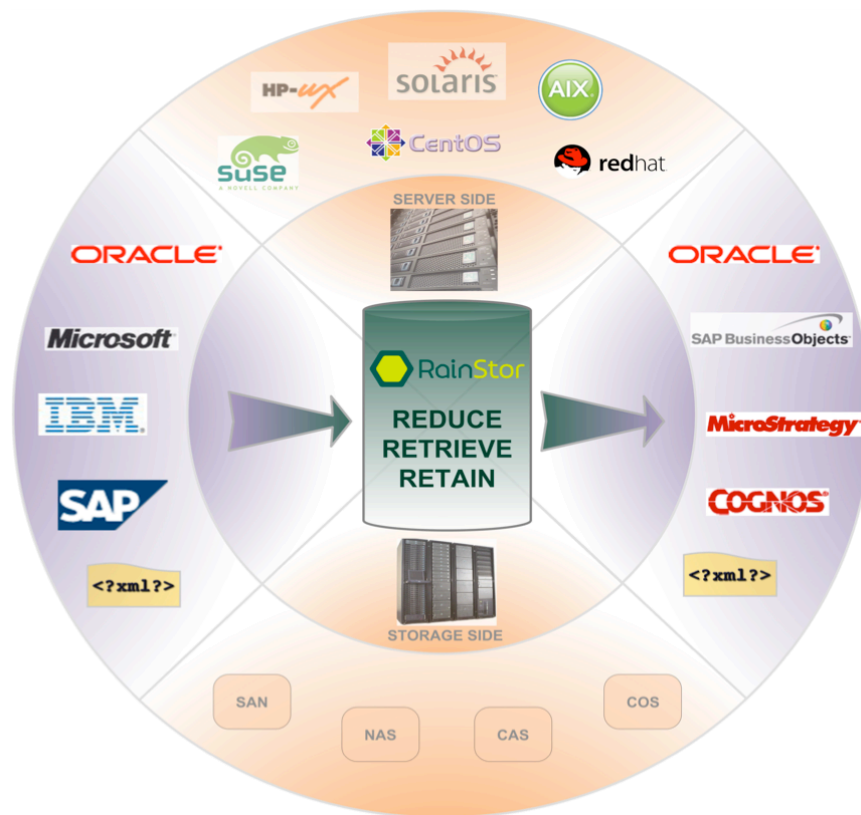
**RETAIN** information securely and insulate it from application change.

**RETRIEVE** information easily to meet business and compliance needs.

The RainStor software uses extreme data compression to enable organizations to store 20-60x more historical data on existing infrastructure. RainStor also provides easy and time-proofed access to archived data using standard Business Intelligence tools, without the need to restore the original data, allowing quick responses to information discovery requests. In addition, RainStor is design-free and requires minimal ongoing maintenance, ensuring the lowest possible total cost of ownership.



*Diagram:* RainStor can take structured data from any source, store it efficiently on any platform, and provide on-demand access using full SQL through any industry standard reporting or BI tool.



## The value of archiving structured data into RainStor

RainStor enables companies to reduce the cost and complexity of long-term data retention by relocating historical data into highly compressed but easily accessible archive stores. ISVs who use RainStor as an archive store for their business applications or data integration solutions are able to extend their capabilities and deliver additional value to customers. The benefits of RainStor are immediate and tangible, dramatically improving the performance of business applications while reducing hardware, storage, and operational costs:

- Annual recurring infrastructure and staff savings that grow in line with data growth, reversing spiraling data management costs.
- Improved performance and easier maintenance of enterprise applications by relocating inactive data to archive stores designed for long-term data retention.
- Protection and simple retrieval of historical data for regulatory, legal and audit purposes, reducing the risk and penalties associated with compliance failure.
- Reduced power consumption, real estate, and carbon footprint of datacenters, supporting Green IT initiatives and budget constraints.
- Full utilization of existing storage platform investments and alignment with broader enterprise content management strategies.