

## The most advanced tape library manager for z/OS system

**GFS/AFM – Advanced File Manager is a solution to manage the protection and release of volumes efficiently in tape libraries of any size, and control the transit of volumes, security vaults and external tape libraries. GFS/AFM is the most advanced tape library manager for IBM z/OS and the leading software product in the Brazilian market.**

### General Overview

#### TAPE LIBRARY MANAGER

##### A critical component in mainframe installations

The mainframe platform has been the best choice for organizations that require a technology able to provide not only superior performance but also complete security, reliability, and high availability.

Companies are required to store increasing amounts of information for longer periods of time, resulting in an explosive growth in storage needs.

##### The tape library manager must ensure the proper execution of two essential operations:

###### Information Protection

It must guarantee the availability of information, complying with file retention specifications, preventing these files from being unduly erased or overwritten, intentionally or accidentally.

###### Resource Release Management

It optimizes the reuse of tapes, releasing the volumes at the exact time, neither before – which would be disastrous – nor after, which would be wasteful. It must also ensure that the number of volumes retained is as small as possible for each tape library.

### Choose the Best, Choose GFS/AFM

#### The Most Modern and Advanced

GFS/AFM is the only tape library manager that consistently keeps up with the developments made in tape storage technology.

Notable for its versatility, GFS/AFM works integrated with other external data managers (TSM, DFSMSHsm, etc), and supports the main robots and virtualization systems available in the market (IBM, Oracle Storage Tek, etc).

Preexisting tape management systems can be quickly and easily migrated to GFS/AFM through automated tools provided by GFS.

**Seamless and rapid migration with no downtime,  
from any tape management system**

#### Higher Availability

GFS/AFM can be dynamically installed and configured, avoiding unnecessary system shutdowns and allowing daily operations to be executed using simple commands.

**GFS/AFM optionally uses ICF Catalogs belonging to z/OS to manage the tape library. Using the operating system's native structure, the software ensures unity and integrity of tracking information, eliminating the possibility of inconsistencies and human intervention.**

Other products require frequent shutdowns for maintenance, even for simple and frequent tasks, such as creating new ranges of volumes.

It is also very common that operator intervention is needed to identify and solve inconsistencies between the product database and the z/OS catalogs.

#### More Efficient

With GFS/AFM each volume is released individually, immediately after its content expires, managing the use of multi-file and multi-volume chains with full transparency and reliability.

Other products only protect or release the entire volume or chain of volumes, causing the retention of a large number of tapes for periods greater than necessary, resulting in resource waste and higher costs.

#### More Secure

GFS/AFM protects each file individually, assigning multiple retention dates for each volume, eliminating the risk of undue release of volumes.

**GFS/AFM - Advanced File Manager  
A reliable choice for tape library management**

#### Competitive Advantages

- Low CPU usage
- 24/7 availability
- No database maintenance
- Easy installation process with no impact on production
- Protection for all files and volumes
- Automated migrations from all other TMS
- Significantly faster and easier to use than any other TMS

# WEB INTERFACE

## GFS/Web Interface Module

Access and obtain data from your tape library information in real time with GFS/Web Interface.

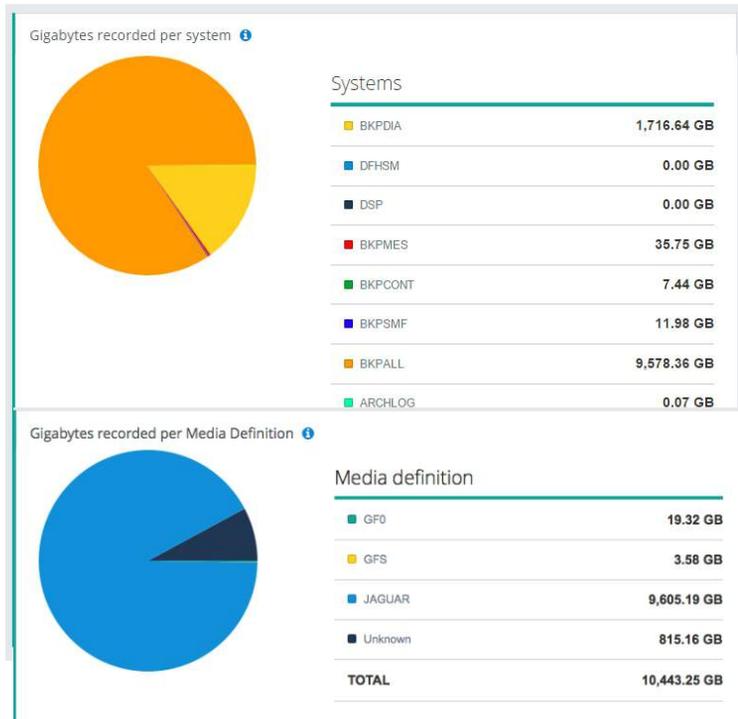
Web Interface is a unique module that emulates GFS/AFM through a web browser, enabling complete visibility over the physical and virtual library from anywhere with an Internet connection. Web Interface works on all common browsers, including Mozilla Firefox, Google Chrome, Microsoft Edge, and Safari.

Web Interface enables the user to query any set of volumes through their browser. The data is obtained through real-time synchronization and retrieval from the AFM database, and displayed through customizable reports, summaries, charts, graphs, and lists.

Examples of information provided include the status of volume capacity, volume occupation, the percentage of MVCs used, provision of volume release, and the number of retensioned volumes.

- Fully functional emulation of GFS/AFM
- Access to tape library information in real time
- Dynamic and customizable charts and graphs
- Interface for simple and centralized management
- Seamless control of all installed GFS solutions
- User-friendly, no knowledge of z/OS or SQL required

Also extracts information from VSM and VTS Hydra



GFS/AFM provides high availability and reduces costs dramatically, eliminating the practice of frequent shutdowns for maintenance

## EXCELLENCE IN SUPPORT

The GFS technical team counts on dedicated, qualified and experienced professionals who are not only experts on the solutions, but on the environment and customer needs.

With a complete mainframe infrastructure dedicated exclusively to development and support, GFS Software offers exceptional 24 x 7 customer service.



## About GFS Software

GFS Software is a software house specializing in developing solutions for the IBM Mainframe z/OS environment, and an Advanced-level IBM Business Partner.

Established in 1988, GFS Software is the Brazilian market leader in tape library management, offering a complete suite of solutions to streamline the management of customers' infrastructure.

GFS Software helps drive the business of the largest and most important z/OS installations, including customers from financial services, telecommunications and governmental organizations.

In the international market since 2002, GFS maintains active partnerships and clients around the world. GFS international headquarters are located in New York City.

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GFS/Web Interface is the ideal solution for anyone who needs to manage their tape library without a z/OS connection