

PRODAM reduces costs, maximizes existing investments, and increases performance with GFS/Stack



PRODAM, Information Technology and Communications Company

The Challenge:

Reduce the z/OS tape library and take advantage of newly acquired hardware.

The Solution:

GFS/Stack Automatic Multi-File

The Benefit:

Volume reduction of over 70% of the tape library and infrastructure cost reduction.

Resource savings and performance for z/OS Tape Library

The Client

PRODAM is a mixed capital governmental company, which supports the development of information policies for the city of São Paulo, Brazil and is responsible for all of the computer infrastructure and data processing tasks in the city.

PRODAM offers complete technology and services infrastructure, and acts in the modernization of municipal agencies and entities, offering quality services in the areas of Information Technology and Communications (ITC), thus contributing to the social and economic development of Brazil's largest city, which is among the 10 largest cities in the world.

The Challenge

In 1998, PRODAM had a rapidly expanding tape library with over 20,000 underutilized single-file volumes. With the installation of a new Storagetek Tape Library, with the capacity for 6,000 volumes, PRODAM needed to significantly reduce the total number of volumes so the new hardware could accommodate the entire tape library.

This needed to be accomplished without any changes to JCLs, the operating environment, or the read/write procedures.

As a subsequent requirement, PRODAM needed a systematic method of maintaining efficient usage of the tape library within the new robot that would not incur additional processing overhead.

To achieve its goal, PRODAM sought an easy-to-implement solution to consolidate the tape environment, enable an efficient occupation of the new media, and dramatically reduce the total amount of cartridges in the tape library.

Deployed Solution

Companies utilizing GFS Solutions recommended PRODAM to consider GFS/Stack. GFS/Stack solves problems caused by under-utilization of the storage capacity of magnetic tapes and eliminates resource wastes in z/OS tape libraries.

Immediately upon implementation of GFS/Stack, PRODAM was able to consolidate and drastically reduce the existing tape environment over 70% and populate the Storagetek Tape Library, providing a means to take full advantage of the newly acquired hardware and provide a quick return on investment on both GFS/Stack and the robot.

In addition PRODAM was able to immediately increase their available scratch pool, eliminating the need for additional tape purchases.

Essential Software

GFS Software offers a portfolio of "Essential Software", including solutions for mainframe, multiplatform and distributed environments.

These solutions are both internal and from international partners. GFS solutions encourage and enable tape libraries to adhere to today's compliance requirements.

GFS/AFM Tape Management System

Advanced Tape Library Manager for z/OS.

GFS/Stack Automatic Multi-File

Resource saving and improved performance for z/OS tape libraries.

GFS/TQS Tape Quality System

Quality Management for z/OS Tape Libraries.

GFS/Web Interface (included with all products)

Allows the viewing of the z/OS tape libraries, either physically, or through VSM or VTS using a browser.

"Both GFS/Stack and GFS/AFM always met our needs, and solved our problems. GFS Software support was great since installation until today, always responding effectively."

Oswaldo Pazianotto,
PRODAM
Infrastructure Manager

Key Benefits to the Client

- Maximizes investment, made in the Storagetek robot.
- Postponed purchase of new tapes due to immediate increase in the number of volumes released (scratch tapes).
- Optimized processing time due to large reduction in the number of tape mounts: from 60,000 to 5,500.
- Cost reduction related to the tape library infrastructure.
- Optimal production performance with an increasing number of jobs processed within batch windows.
- Reduced labor and time due to a fully dynamic deployment, with no changes to the JCLs, read or write procedures.
- Population of all cartridges inside the robot, without requiring more space to store them and avoiding cartridge moves, thus reduced run time.

Related Products

PRODAM takes advantage of the benefits provided by GFS/Stack on a daily basis due to its unique real-time stacking, retain and quick search capabilities.

Based on the cost savings and results achieved with GFS/Stack, PRODAM has since implemented GFS/AFM for reliable and secure tape management and GFS/TQS for auditing and quality control.

PRODAM has recommended GFS/Stack to several companies, which are currently taking full advantage of all the benefits of this solution.

About GFS Software

GFS Software is a leading developer of tape management software for the IBM z/OS environment. Founded in 1988, GFS has over 20 years of experience in developing high quality software solutions that produce measurable cost savings while increasing operational efficiency.

Some of the largest z/OS installations, with the largest tape storage environments, rely on GFS solutions to maintain and improve operational optimization, including financial services, telecommunications, and governmental organizations.



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