

# Extreme z/OS Batch Performance Gains - Parallel Access Tape

Batch processing is a major driver of CPU capacity growth and cost. Organizations spend large sums and much time and effort tuning the performance of complex batch workloads. There is now a unique plug-and-play software solution that offers a new approach to batch savings. With VTFM-NewGen, your applications, jobs and users no longer have to wait in line to READ a tape. VTFM-enabled virtual tape volumes can be simultaneously read – cross system and cross Sysplex. Read on to discover how VTFM-NewGen speeds processing, decreases wait times, and saves costs.

## VTFM-NewGen Virtual Tape Facility Mainframe

### VTFM-NewGen dramatically speeds batch-processing

VTFM-NewGen re-directs designated frequently-read tape volumes from your existing virtual and physical tape systems to standard mainframe disk. With VTFM-NewGen's unique Parallel Access Tape (PAT) capability, each volume can then be accessed by multiple simultaneous READ requests eliminating a key processing bottleneck. Batch processing and other READ wait times shorten dramatically & overall system performance benefits.

- Supports industry-standard tape management systems, space management software, and tape stacking applications
- Fully compatible with your existing Virtual/Physical Tape infrastructure
- Parallel Access Tape is under total control of the z/OS storage administrator as to who uses it, and which volumes are to be placed under VTFM-NewGen control. It can be dynamically adjusted, as well as turned on and off.
- Hosted volumes can mirrored to your DR site using the very same techniques you use to replicate the rest of your on-disk data.
- Completely sysplex resident and thus benefits from sysplex-level reliability and availability.

**VTFM-NewGen emulates IBM-compatible cartridge devices and tape volumes on z/OS platforms utilizing standard mainframe DASD. VTFM-NewGen is a proven mainframe software product accepted by Global 2000 companies across all markets.**

**“VTFM-NewGen Parallel Access Tape speeds batch processing for several major vendor applications having heavy simultaneous read from tape requests. We have found no other solution exists that allows us to bypass z/OS restrictions on simultaneous tape volume READ access.”**

**Fortune 100 Home & Auto Insurance Company**

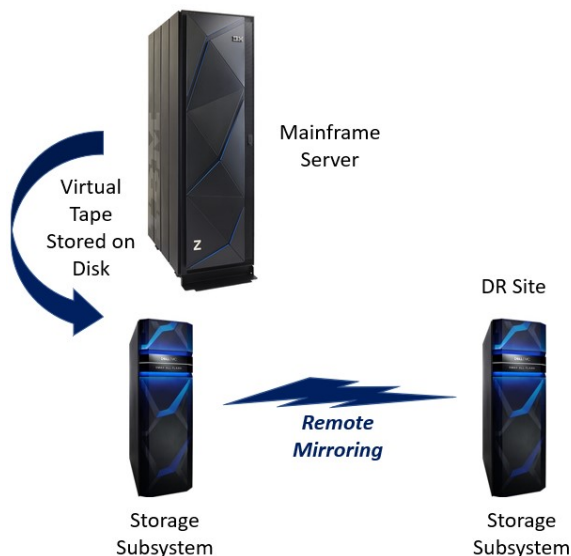
## The Benefits of Virtual Tape – Without the Hassles

VTFM-NewGen emulates IBM-compatible tape processing for z/OS environments. It seamlessly integrates with existing virtual and physical tape environments – without the need to change code or applications. VTFM-NewGen is hardware agnostic – supporting all industry-standard disk storage subsystems – giving customers the freedom of choice to install VTFM-NewGen on their existing disk arrays. Emulating the widest range of devices (3480/3490/3590), it is completely transparent to the host, applications, tape management systems and users, while offering additional enhanced features such as shared tape access using Parallel Access Tape.

## How VTFM-NewGen Works

Users select the tape data to be handled by VTFM-NewGen. When tape I/Os are issued, VTFM-NewGen emulates the entire tape process. The created tape data sets are stored on disk and the application and the tape management system interact with them as tape data sets. This achieves two important objectives: Tape data is managed as disk data, and no changes to applications need to be made. Using VTFM-NewGen with a robust disk storage subsystem environment ensures Sysplex-level recoverability, availability, scalability and performance for your tape operations.

Additionally, VTFM-NewGen provides electronic-Vaulting of individual tape volumes.



**“For us, a great use for VTFM-NewGen Parallel Access Tape has been in support of the many users and Production batch jobs that want and need to READ SMF data. PAT eliminates the job queuing and facilitates those same batch jobs finishing sooner than later, a win-win.”**

**Large Financial Firm**

## Specifications

- 256 VTFM-NewGen virtual tape drives supported. No limit on number of tapes
- 10,000 simultaneous READ requests to single tape volume supported
- Supports industry-standard tape management systems, space management software, and tape stacking applications

## *Fischer International presents VTFM-NG from Log-On Software*

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