

# CA 1<sup>®</sup> Tape Management



## At a Glance

CA 1 is designed to simplify and unify the management and protection of z/OS<sup>®</sup> tape data sets and volumes. It automates day-to-day tape management tasks to enable a higher level of integrity for tape data while providing comprehensive protection against the inadvertent destruction of tape files. CA 1 integrates with the latest automated tape libraries and robotics systems, both virtual and real. Moreover, it automates tape management tasks while providing protection against the inadvertent destruction of tape files and streamlines the process of protecting this vital resource. CA 1 is also scalable and extensible to encompass tape management across the enterprise.

### Key Benefits/Results

- **Increases IT productivity** with automation and tape lifecycle management
- **Reduces costs** by minimizing offsite vaulting and tape transportation
- **Reduces risk** through scheduled, automated replication of TMCs to remote locations
- **Improves problem response** with an intuitive UI and access to real-time access retention scheduling

### Key Features

- **Automated tape lifecycle management:** CA 1 manages all aspects of tape handling through flexible retention, extensive vaulting capabilities and efficient tape cycling to and from one or more offsite locations.
- **Comprehensive data protection:** Extensive integrity checking provides comprehensive tape data protection.
- **Automated tape copy utility:** The CA Copycat Utility makes tape-to-tape copy possible while retaining the data set attributes on the CA 1 database.
- **Interfaces:** Integrated with Web based and Windows<sup>®</sup> based CA Graphical Management Interface (CA GMI).
- **Improved recovery time:** Replicated TMCs at remote locations help to more quickly recover the CA 1 TMC to a point-in-time in the event of a local failure, helping to improve TMC access up to 6x faster.<sup>1</sup>

## Business Challenges

Storage Managers find it difficult to:

- Secure and protect large amounts of tape files generated across dispersed environments.
- Automate complex and time-consuming manual tape management tasks.

They must maintain data integrity, yet may lack the tools to continually check business data and prevent overwriting. They need a streamlined way to obtain detailed tape volume information and desire a common platform for more efficient management practices. They also want a solution that can be integrated with other enterprise management functions, including security, scheduling, restart/rerun, automated operations and output management.

## Solution Overview

CA 1 controls and protects z/OS tape datasets and volumes. It automates tape management tasks while protecting against the inadvertent destruction of tape files and features and providing comprehensive tape library inventory and audit tracking, including offsite vaults and utilities for controlling tape and catalog maintenance activities.

It includes the capability to replicate the Tape Management Catalog (TMC) from one system or location to one or more remote active data centers by utilizing the replicated copy at a remote location. This helps you resume secure tape processing in the event of a failure with minimal downtime, supporting faster Recovery Time Objective. Users can more conveniently examine volumes and files from specific backup checkpoints to assist in audits and chargeback processes using an enhanced user interface.

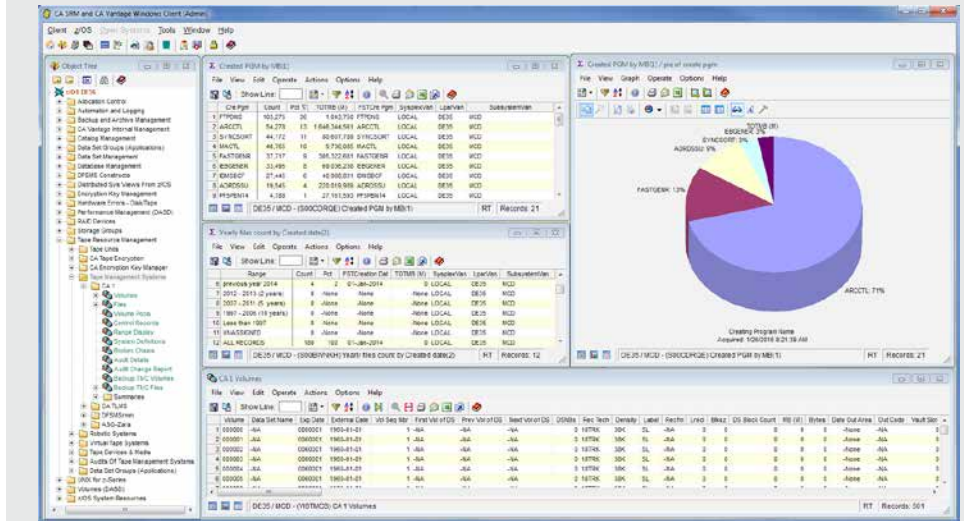
## Critical Differentiators

CA Storage Management Solutions are designed to be different than traditional storage vendors. We are software, not hardware, and that is important. We are vendor-neutral. We go beyond proprietary storage-specific offerings that just offer hardware-specific installation, management and support. Plus, we can help you address compliance and “green” initiatives—while also increasing efficiency and improving the security of your business information.

## Related Products/Solutions

- **CA Vantage™ Storage Resource Management** helps maximize use of your entire storage infrastructure.
- **CA Vtape™ Virtual Tape System** improves tape utilization and processing performance with virtualization.

Unify and simplify tape storage management operations.



## Supported Environments

- CA 1 runs on any IBM® supported release of z/OS.
- TMC replication is applicable to customers deploying multiple, active data centers. CA 1 must be running at both the local and remote site(s) to leverage this feature.
- Up to 31 active data centers may participate in TMC replication configuration or TapePlex.

For more information, please visit [ca.com/mainframe/storage](http://ca.com/mainframe/storage)

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1 Internal CA Lab Benchmark Tests, 2016

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