

# EMC-CYA Solution

## The Big Picture

- EMC NetWorker, EMC Centera, and CYA SmartRecovery work together seamlessly
- Ensures fast recovery while maintaining application availability
- Enables compliance with eDiscovery requirements and regulatory mandates requiring audit trails and other metadata be preserved and produced within specific timeframes
- Allows response to operational incidents by recovering only the affected objects back into the Documentum repository
- Ensures the integrity of the Documentum repository by automatically identifying inconsistencies for proactive correction

Today's competitive, information-intensive environment demands continuous application availability and rapid recoverability, while numerous compliance and regulatory mandates require the preservation and recoverability of metadata and content down to the individual record. Achieving one, let alone both, of these objectives, is far from easy if you don't have the right tools.

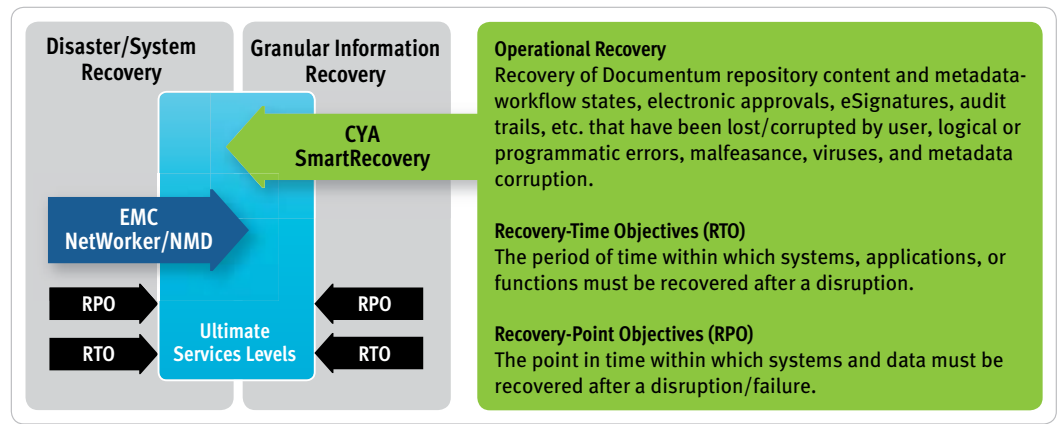
EMC and CYA Technologies offer you the tools to help you achieve these objectives easier and faster. With EMC® NetWorker® Module for Documentum® (NMD), EMC Centera® Archival Platform, and CYA SmartRecovery™, you can fully safeguard corporate data assets and enhance your data availability within EMC Documentum while maximizing application availability, granular data recoverability, and enabling compliance.

EMC NetWorker/NetWorker Module for Documentum	CYA SmartRecovery
Recover from full system failures and disasters	Recover from operational (partial) errors, malfeasance, viruses, corruption incidents
Enables "hot" (online) backups of the entire Documentum application (database, content, and indices)	Enables "hot" (online) incremental backups of Documentum content and metadata that capture additions and changes to the doabase
Reduces downtime, lowers costs, and improves productivity with tiered protection, data de-duplication, and recovery options	Enables hot recovery of one or thousands of objects from user, logical, and programmatic errors, malfeasance, viruses, and metadata corruption in minutes without Documentum downtime
Maintains the consistency of Documentum components at the system level	Ensures objects are restored back to the doabase in their original state
Protects system and configuration files for a faster, full-system recovery; provides high-speed backup of storage areas	Ensures productivity by recovering at the object level without requiring a full system rollback
Secure management of critical backup data with enhanced authentication and encryption	Works with NetWorker/NMD to improve recovery-point objectives—as little as 15 minutes in the event of a disaster
Provides recovery of content stored on EMC Centera in its authentic state	If content is stored on EMC Centera, enables it to be recovered at a granular level along with its associated metadata; ensures continuous accessibility of EMC Centera content by maintaining its original address (CLIP)

## Ultimate recovery for EMC NetWorker Module for Documentum: tiered protection

Combined, NetWorker Module for Documentum and CYA SmartRecovery work to achieve the most stringent service levels for data protection. CYA SmartRecovery helps in at least three important areas, including operational recovery resulting from user, logical, or programmatic errors, malfeasance, viruses, and metadata corruption to meet recovery-time objectives (RTO) and recovery-point objectives (RPO).

Tiered recovery with EMC NetWorker and CYA SmartRecovery



How it works

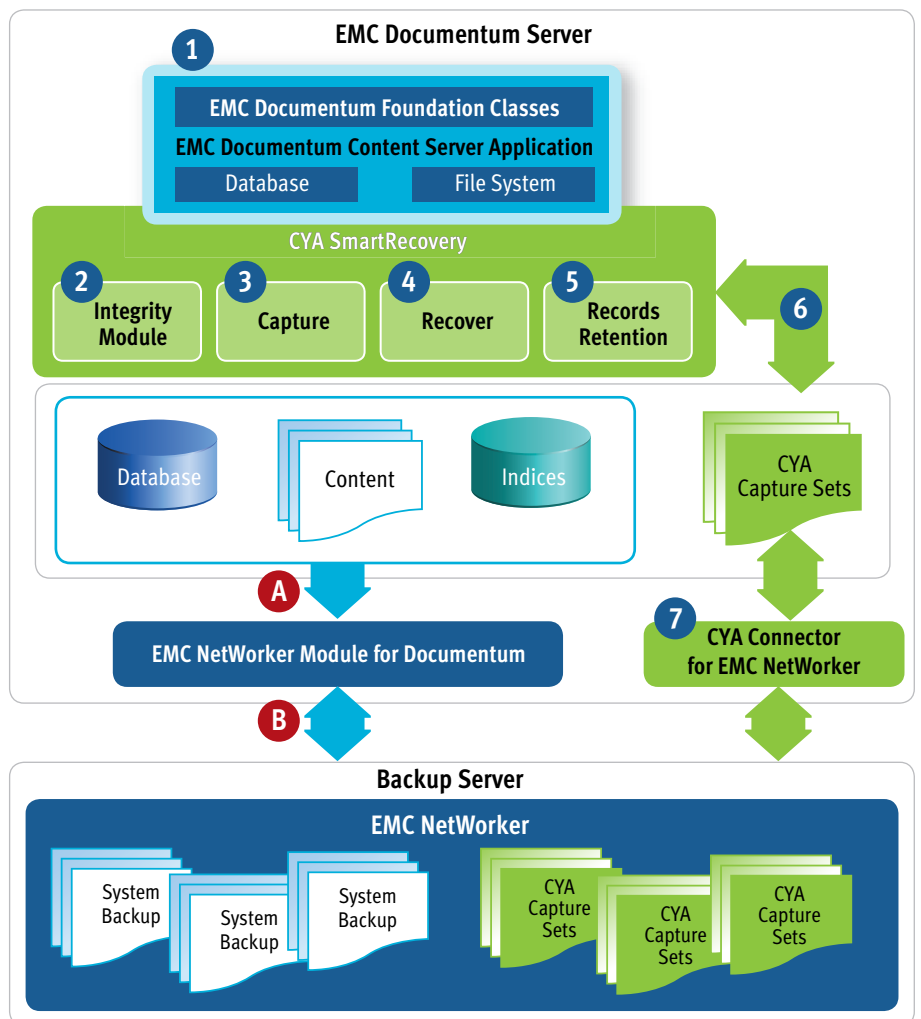
EMC NetWorker Module for Documentum and CYA SmartRecovery work seamlessly with each other. The following steps explain the workflow process.

Recover from operational incidents

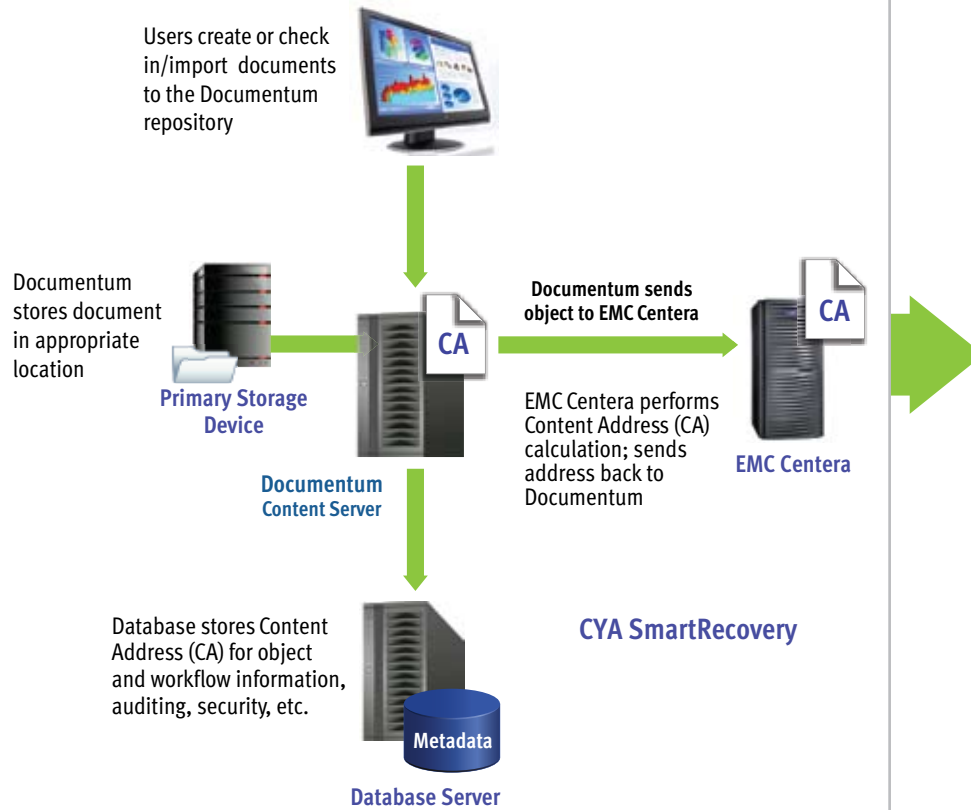
- 1 Documentum-aware capture and recovery while repository is online (Intelli-Capture™)
- 2 Over 350 integrity checks to proactively identify and report inconsistencies
- 3 Frequent, incremental captures of repository changes improves recovery-point objectives to within 15 minutes
- 4 Recovers metadata and content within minutes with no system downtime
- 5 Reports are expunged from capture sets when retention periods have expired
- 6 Content and associated metadata stored in CYA capture sets on disk for fast recovery
- 7 Provides seamless recovery when CYA capture sets are stored with EMC NetWorker

Recover from full system failures and disasters

- A Enables a full or incremental backup of Documentum components while application is online
- B Integrates with NMD and provides recovery of Documentum components from disk or tapes



## How CYA SmartRecovery and EMC Centera Work



## Why CYA SmartRecovery and EMC Centera

### Assures authenticity and continuous access to content

CYA SmartRecovery maintains the original address of content on EMC Centera so it can be easily accessed, and EMC Centera provides authenticity of optical at the price of tape.

### Protects against operational errors

CYA SmartRecovery enables granular recovery of content and its associated metadata, or metadata only including the CA, in response to programmatic and logical errors, malfeasance, and corruptions.

### Ensures information integrity

CYA SmartRecovery verifies integrity of content and metadata and flags corruptions for proactive correction. Only one copy of information is kept no matter how many times it is requested to be stored.

### Self-configuring, self-healing, and self-managing

Administrators can manage up to 50 times greater quantity of content.

### A future-proof investment

Eliminates the impacts of technology obsolescence.

### Simple scalability

Seamlessly adds capacity without disruption.

### Lowest TCO

More cost-effective than tape or optical.

# EMC<sup>2</sup>

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### Take the next step

To learn more about how EMC NetWorker and CYA SmartRecovery can protect your organization from all types of data loss, visit [www.EMC.com](http://www.EMC.com) or [www.cya.com](http://www.cya.com) or call 800.607.9546 (outside the U.S., call +1.925.600.5802).