

Introducing CentraStar V4.0 with Improved Scalability, Flexibility, Security, and Management

CentraStar V4.0 doubles object count per disk, enhances access control, offers dramatically faster self-healing

Available immediately, CentraStar V4.0 is shipping with all new EMC Centera systems and is available free of charge to customers under current software maintenance contracts. Systems running CentraStar V2.4 and above are eligible to upgrade to CentraStar V4.0.

The growth and management challenges of customer archives continue to mount as large files (such as medical images and entertainment content) get bigger, and small files (such as call records and seismic data) explode in number. Customers' past worries over storing millions of e-mails have been eclipsed by alarm over the billion-plus e-mails in their archives today. CentraStar V4.0 addresses this archiving complexity with the following new functionality:

- Higher levels of scalability
 - CentraStar V4.0 doubles the maximum number of objects (object count) that each disk can hold (compared to CentraStar V3.1.3) to 25 million per disk and 3.2 billion per full cabinet. EMC's research indicates that the technology of its nearest functional competitor, HDS, holds approximately 4 million objects per disk.
 - This object count increase will help manage the exponential growth in the quantity of small pieces of information being retained.
- New flexibility and security
 - CentraStar V4.0 can segregate application traffic from replication traffic. This creates new configuration flexibility and allows each traffic type to be monitored and managed separately per customer-site policies.
 - CentraStar V4 offers additional system logging and auditing of administrative access, including the ability to expand password complexity rules (e.g., length, characters, numbers, and non-alphanumeric).
- Enhanced ease of management
 - EMC Centera is self-configuring, self-healing, and self-managing; and combined self-healing tasks now happen 10 to 25 times faster than with CentraStar V3.1.3.
 - Capacity alerting level (percentage of full) can be set by the customer's EMC Centera Administrator.
 - With these new enhancements, customers can easily manage petabytes of EMC Centera-based information with a single Administrator.
 - Customers who need to perform garbage collection (GC) on an archive of 20 million objects will typically complete this task in a day—a much faster rate than the prior version.

With more than 4,500 customers and over 210 PB of product shipped since its inception, EMC Centera is the undisputed active archive leader. It has captured more than 96 percent market

share of the content addressed storage (CAS) market and its installed customer base is more than 10 times larger than its closest competitor.

Competition

EMC Centera is the de facto standard for active archiving storage solutions—and continues to lead the industry. Industry Analysts state that EMC Centera differentiators resonate more today than they did when the product was first introduced in 2002. Differentiators mentioned specifically include:

- **Assured authenticity and online access**—The speed of disk, with the authenticity of optical, at the price of tape
- **Single-instance storage**—Only one copy of information, 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 flexible, future-protected investment**—Protects customers from technology obsolescence
- **Highly scalable platform**—The ability to seamlessly add capacity without disruption
- **Lowest total cost of ownership**—More cost-effective archiving than tape, optical, or traditional disk solutions

Competitors cannot match EMC Centera's functionality. The nearest competitor, as measured by Gartner Dataquest, is HP, which has captured only 3–4 percent of the CAS market.
