

windream for Centera



**Efficient ECM for the Content
Addressed Storage System
of EMC**



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The enterprise content management system windream also cooperates with EMC's Content Addressed Storage System Centera via a specifically developed interface. This solution allows companies using the CAS-system Centera for data administration and archiving to work with an efficient and easy to handle ECM-component, which has completely been integrated into the Windows operating system.

Archiving and retrieving documents on a Centera cluster. The software interface which connects windream to Centera is based on the current EMC SDK and Centera cluster version and offers Centera users the complete ECM functionality.

On the one hand, the interface allows users to archive documents saved in windream on a Centera cluster. On the other hand, windream users can quickly and efficiently retrieve objects, which have already been archived on a Centera cluster, using the windream Find functions.

In cooperation with the Centera technology, windream does not only support the archiving of actual documents, but also the associated document properties like for example the indices, the history, the lifecycle data and further document attributes. Data is exchanged between Centera and windream in XML-format.

Further on, windream also supports the Centera-specific functions for replication, retention and the single instance feature for archiving one instance of identical documents only. In the context of the so called windream Replication Cluster Disaster Recovery Strategy, data will only be removed from the windream ECM-Server, if it is available on the Centera Cluster and on the Replication Cluster as well. The retention times and thus the point of time a document is deleted can be set globally on the windream ECM level and for each Centera Cluster separately on the Centera level. The Centera feature for archiving identical objects can be enabled or disabled individually as required. This way, identical objects are either stored once as single instances or several times.

Easy configuration. Instead on optical media, windream-documents can now directly be archived in a selectable Centera storage area. In addition to this, it is also possible to use other EMC-storage technologies for documents which must still be edited and which – because of this – shall not be archived.



The configuration of the Centera storage areas has directly been integrated into the windream Management Console (WMC, which is the windream administration application). A Centera storage area can easily be selected from the WMC via the Properties dialog box of a newly created storage.

The storage areas created in the storage configuration can immediately be used in the windream lifecycle administration. The lifecycle rules defined in this section determine how long a document of a specific type shall be available for being edited in windream, the point of time it will be archived on a Centera-cluster, how long it will be archived and the point of time the document will be removed from the archive.

Data backup and recovery

With an optional backup and recovery tool developed by windream GmbH, a backup of a complete Centera Cluster can be created on a medium, e.g. on a hard disk, instead of using the data replication function. The backup and restore tool allows users to either create a backup copy of an existing Centera archive or to create a backup file of the respective document directly in a backup directory while an archiving process is in progress. This backup copy can be accessed in read-only mode by users during a possible system failure. This way of access will avoid offline times, and a retrieval in the archive can still be conducted any time. After having restored the Centera Cluster, archived data can be accessed again without any restriction.

After having replaced a Centera system, a new EMC Centera Cluster can be filled again very quickly with the previously saved and thus already existing data volume via the recovery function. The backup software allows users to back up an existing Centera archive completely or to also save documents directly during an archiving process. Further on, the solution offers an offline access to a previously created backup copy, if a Centera Cluster fails. A new Centera system can be integrated very easily by restoring the data volume from the backup copy.

Performance features:

- Direct connection between the windream archive storage area and Centera storage technology
- Ad-hoc archiving of windream documents on a Centera cluster
- Retrieval in a Centera cluster via the windream Find functions
- Easy configuration of the Centera storage areas via the windream Management Console
- Complete integration of the windream lifecycle management in Centera
- Quick data backup and recovery of Centera Clusters



Rely on the Technological Market Leader

If you plan to invest in an innovative, efficient and easy to handle ECM-system, or if you need further information on how to optimise your business processes concretely, we should get to know each other.

In the market sector of ECM-software suppliers, windream GmbH is the technologically leading manufacturer. With the windream ECM-system based on the patented Virtual File System technology (VFS), we have created an unrivaled tool for administering your complete company knowledge. Our software is easy to handle, effective, and future-proof. We have 20 years experience in successful software solutions development for enterprises of any size. Medium-sized companies and multinational corporations as well rely on our top quality products and on our technological know-how.

Look and see!

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