

ASSUREON 7

SECURE AUTOMATED ARCHIVE SOLUTION

WHAT'S NEW



ABOUT ASSUREON ARCHIVE SOLUTIONS

The Nexsan™ Assureon™ disk-based, secure automated archive solution cost-effectively consolidates storage tiers, secures data and simplifies storage management. The Assureon platform transforms the way organizations deploy and manage data archiving.

Government, healthcare and financial organizations in particular are challenged daily with managing rapid, unpredictable growth in digital content and data, while ensuring compliance with industry and government regulations. The Assureon solution brings advanced, secure automated archiving to mid-sized organizations and enterprises to optimize storage infrastructures and manage regulatory compliance. By deploying the Assureon solution, organizations can automate storage policies to encrypt, self-authenticate, self-manage, self-heal and self-configure storage for all unstructured files and content.

SUMMARY OF ASSUREON VERSION 7 FEATURES AND BENEFITS

FEATURE	BENEFIT
Virtual shortcuts	The Assureon client software no longer creates shortcuts on disk. Instead, shortcuts reside purely in memory. This means that there is virtually zero recovery time in case the Assureon Client server goes down; you need only bring up another machine, install the Assureon Client on it and the files appear instantaneously.
Virtual shortcuts with clustered NAS	When using virtual shortcuts with clustered NAS, you can now set up multiple servers as an active/active cluster configuration. Each server has access to all files. You no longer need to deploy Microsoft clustering or Windows Enterprise.
Ingestion throttling	The Assureon server now limits the speed at which the client can ingest data when the server is busy. This prevents the client from using up too much of the Assureon server's resources.
System state performance	The performance of the system state was improved and it was redesigned to better utilize server resources for systems with many nodes or many file systems.
Safe shortcuts	The default shortcut method has been changed to safe shortcuts. This feature ensures that files are completely archived before they are shortcut on the client.

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Audit Server enhancements	The Audit Server has an enhanced user interface, which allows the auditing process to be easily monitored. The enhanced user interface also makes it possible to configure an audit schedule or initiate a manual audit.
Introduction of storage pools	When you create a file system, Assureon now allows you to expand the file system onto multiple disk arrays (volumes). This allows for more efficient use of disk space and simplifies system management for the administrator.
Administrator audit trail	All configuration changes to the Assureon system are now tracked and recorded to facilitate auditing. The new audit trail feature provides a user interface for searching and filtering through audit records.
Database indexing of read-only file systems	For file systems that are no longer being written to, new database indices can be created for faster searches.
File system rollover	The Assureon solution includes a rule-based process to automatically switch to a new file system when certain criteria are met. This process allows the system to optimize when a new file system should be used without administrator intervention.
System State enhancements	An improved layout makes it easier to compare statistics in the Assureon System State page. In addition, a new category has been added to monitor the state of ingestion; for example, if the system is in read-only mode, this is displayed on the System State page.
NTFS security model	The Assureon solution has traditionally used Active Directory group membership to evaluate access to assets. The NTFS security model has been added, which allows the Assureon solution to use the ACL permissions on the source folder to determine if the user has access to the data or not. This allows any number of users to access only the data they have access to on the source machine without managing any Active Directory group membership or using classifications to manage security.
Improved file synchronization rules	The watch folders can now include certain date variables to dynamically specify the directories to watch. This makes it easier to create a scheduled task to automatically perform a full sync on a specific date range.
Improved file system wizard	The file system wizard has been improved and is now much easier to run. Most fields are pre-populated, and intelligent options are presented to the user.
SQL 2012	The Assureon solution now includes support for SQL 2012

ABOUT IMATION

Imation is a global scalable storage and data security company. The company's portfolio includes tiered storage and security offerings for business, and products designed to manage audio and video information in the home. Imation reaches customers in more than 100 countries through a powerful global distribution network and well recognized brands. Additional information about Imation is available at www.imation.com/nexsan.