



Longterm Archiving with iCAS: revisionproof – economical – flexible

iCAS supports any archived data through its WORM technology and the usage of the patented Content-Storage-Container (CSC).

The main difference between iCAS and other archiving solutions lies in the openness of the system. While other solutions rely on closed systems following a "black box principle" with proprietary operating systems or hardware components, iCAS follows industry standards. This results in many advantages for the user: the platform independence, easy and fast data migration, deployment as virtual archives.

iCAS – your key to compliance

Highest Security Levels: iCAS uses the patented and certified "Content-Storage-Container (CSC)"-Technology for WORM protection of archived data. The CSCs protect your data with 512-Bit - HMAC-SHA hash values, the most secure available industry standard. iCAS offers as general functionality data compression and -encryption (AES 256) and allows for safe data deletion after reaching the retention limit according to the US Department of Defence (DoD) requirements. iCAS follows the legal compliance criteria and is also certified by the auditing company KPMG.



Flexibility: Through a transparent, based on a net archive volume license and the possibility to transfer the archive license to new hardware, allow for minimal initial capital expenditures and generally low operating expense. Many different applications can archive data in parallel using one iCAS system.



Efficiency: The iCAS owner gains low capital expense and on-going moderate operational costs through a transparent license model that is based on the net archive volume, and the capability to transfer the archive license to new hardware. Different applications can archive data in parallel using iCAS.



Back Up without Obstacles: Since the iTernity archive lies on top of a standard file system, you have all the files system backup solutions available to you. Any backup solution that is already in place with your organization can be used; utilizing existing processes and know-how. The data security against manipulation remains with a backup, since the CSC itself technology provides the protection and not the system which holds the data. iCAS back up optimization reduces the number of archived objects and allows for fast and issue free backups.



Virtualization: The iCAS-server can be run completely as virtual appliances (e.g. on VMware, Citrix XEN and Hyper V). There for the archive back end can make use of all the advantages of a virtualized infrastructure. iCAS can also be combined with SAN virtualizations made by HP, DataCore, and Falconstore.



Investment Protection: iCAS is an open solution, that is easily integrated with existing storage systems (NAS/SAN), so that the investment in the IT infrastructure is protected. It allows for various systems of different manufactures being used in parallel. The solution can be incorporated into existing backup and recovery strategies and does not require any special solutions or know-how.



Solution Exchange LLC
 840 Topaz Drive
 West Chester, PA 19382
 Tel. +1 (484) 881-3120
 info@solutionxchg.com
 www.solutionxchg.com

iTernity GmbH
 Bötzinger Straße 60
 79111 Freiburg - Germany



Tel. +49 761- 45 14 740
 sales@ITernity.com
 www.iTernity.com