



HP iCAS SE

The simple and flexible solution for entering the world of legally compliant long-term archiving.

The Future of Archiving

Data volumes grow rapidly – volumes of unstructured data even exponentially. A report by the Gartner Group revealed that the growth of a company's data on average doubles every year or two. Today's archiving systems must consequently meet particular challenges and the intelligent solution of these is crucial especially for the future applicability of an archiving strategy.

Due to the internal and external obligation to produce proof, business-relevant information requires to be archived for years and even decades in a stable and audit-proof manner. As an archive backend which is connected to DMS / ECM systems, HP iCAS SE (StarterEdition) allows for compliant archiving which in many companies today already is an inherent part of business processes.

Its simple interfaces (Web service API, file system interface) allow the integration of HP iCAS SE into most different applications, thus enabling smooth cooperation between a range of applications (e-mail, ERP, DMS, PACS etc.).

The solution is based on open industry standards (Windows Server 2008, .NET and others), therefore its integration into existing infrastructures will not cause any difficulties. Available backup and recovery solutions, for example, may be used for the archive data, as well.

HP iCAS SE contributes to the implementation of Green-IT concepts as it uses state-of-the-art hard disks with high storage volumes in order to minimize the amount of energy that is consumed by data storage.

As the technology has been certified by legal opinions

and thanks to the close cooperation with numerous software partners, HP iCAS SE forms a solid basis for the future archiving of business-relevant data.

All advantages at a glance:

- Meeting the future – audit-proof archiving on hard disks with certified and patented CAS / CSC technology by iTernity
- Simple and reliable plug-and-play solution
- Audit-proof – the technology enables the fulfillment of compliance regulations, such as the Sarbanes-Oxley Act, the GDPdU (principles for data access and verifiability of digital documents), the GoBS (generally accepted principles of computer-assisted accounting systems), the code of commercial law, Basel II and many more
- Flexible – HP iCAS SE makes the storage volume scalable from 500 GB up to 10 TB
- For unlimited storage volume, the solution can be simply upgraded to HP iCAS
- Multitenant – data of departments, parts of companies and subsidiaries can be completely separated before archiving
- Hard disk based, high-performance WORM RAID technology is used
- CSC (Content Storage Container) – merges data and documents to be archived with the corresponding index data, creation dates and retention dates to form encrypted and compressed data containers, which can be saved to any storage medium

Product variants



Hardware	x 1400	x 1400	x 1600	x 1600
CPU	1/1 Intel Xeon	1/1 Intel Xeon	1/2 Intel Xeon	1/2 Intel Xeon
Gross storage capacity	4 TB	4 TB	6 TB	12 TB
Max. gross storage capacity	16 TB	16 TB	48 TB	48 TB
Net storage capacity	2 TB	2 TB	4 TB	10 TB
iCAS archive license	500 GB	2 TB	4 TB	10 TB
Operating system	Windows Storage Server 2008 64 bit	Windows Storage Server 2008 64 bit	Windows Storage Server 2008 64 bit	Windows Storage Server 2008 64 bit
Redundant power supply	no	no	yes	yes
Hot-plug power supply	no	no	yes	yes
Redundant fan	no	no	yes	yes
Rack units	1 RU	1 RU	2 RU	2 RU
Redundant configuration	no	no	optional	optional
<u>usable as:</u>				
NAS (file-based)	yes	yes	yes	yes
SAN / iSCSI (block-based)	yes	yes	yes	yes
Compliance archive	yes	yes	yes	yes
End customer price plus maintenance and support	€ 5,990.00 plus VAT	€ 8,490.00 plus VAT	€ 13,490.00 plus VAT	€ 19,990.00 plus VAT

Do you want to learn more about HP iCAS?

Contact your HP partner!

Feature comparison – HP iCAS SE with HP iCAS

These are the differences between the HP iCAS StarterEdition and HP iCAS

	HP iCAS SE	HP iCAS
Basic features		
SHA 512 hash values	yes	yes
AES 256 encryption	yes	yes
Compression	yes	yes
Multitenancy	yes	yes
Multipath namespaces	no	yes
Backup optimization	no	yes
License		
License bound to hardware	yes	no
High availability		
Supports Storage Mirroring with x1600	yes	yes
Load balancing	no	yes
MS cluster support	no	yes
Can be virtualized (VMware, Citrix and others)	no	yes
Storage		
Supports internal storage devices	yes	yes
Supports external storage devices (SAN/NAS)	no	yes
Supports SAN virtualization	no	yes



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