iTernity

PERFECT INTEGRATION INTO THE VIRTUALIZED SYSTEM ENVIRONMENT

LEGALLY COMPLIANT ARCHIVE STORAGE IN VIRTUAL IT INFRASTRUCTURE: FLEXIBLE AND MAINTENANCE-FREE

"From installation to migration to productive use - within a few days we had replaced our previous archive storage and iCAS was up and running in a virtual environment. The rapid implementation of the project impressed us."

Markus Bantleon, Deputy Head of IT Service Management at DAV Media

DEUTSCHER APOTHEKER VERLAG

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DEUTSCHER APOTHEKER VERLAG

Industry:
Media: Specialist publisher in pharmacy

Background:
The IT infrastructure of Deutscher Apotheker-verlag had to be gradually virtualized but its existing archive storage did not meet this requirement. The company required a flexible and future-ready solution for longterm archi-ving of all accounting data.

Challenge:
Integrating the entire archive solution into a virtualized system landscape, optimizing the total costs, and reducing the maintenance efforts.

Solution:
iTernity Compliant Archive Software (iCAS)
EASY DMS
HPE Storage (MSA 2040)

THE SUCCESS AT A GLANCE:

✓ Perfect integration into the virtualized system environment

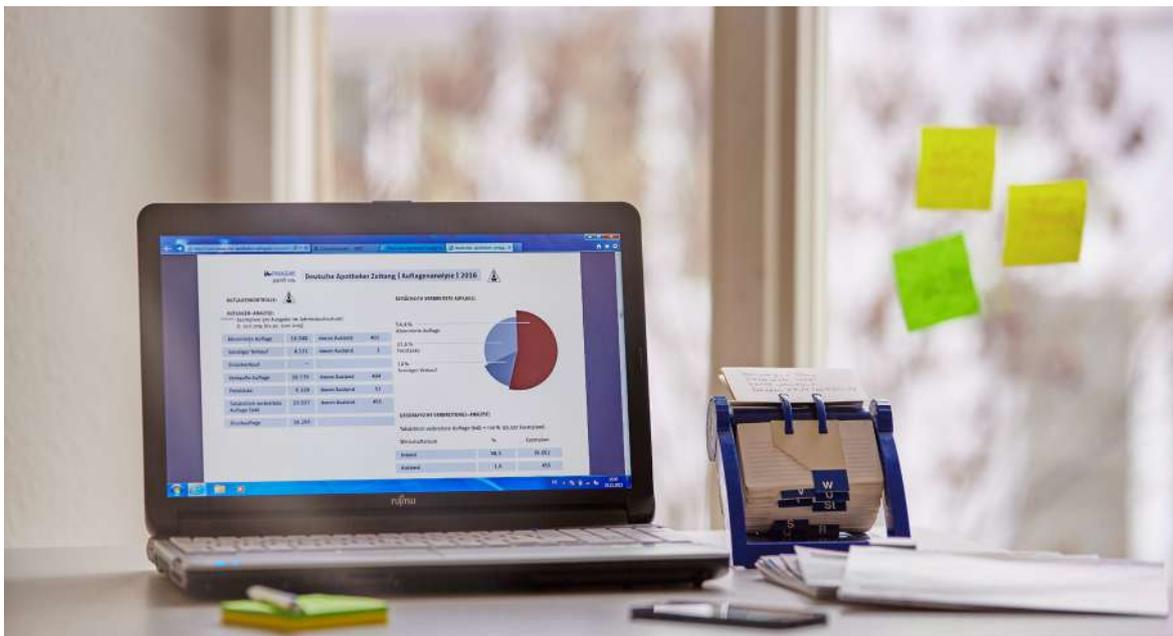✓ Successful replacement of a hardware-bound archive appliance

✓ Seamless integration with the document management system EASY

✓ 47% reduction in archiving costs and minimization of maintenance efforts

CONCENTRATED KNOWLEDGE IN PHARMACY

The Deutsche Apotheker Verlag (DAV) is the largest pharmaceutical publishing house in Germany. More than 250 employees at the Stuttgart and Gerlingen offices provide pharmacists and pharmaceutical technical assistants with comprehensive scientific reports and specialist information. With its pharmaceutical textand handbooks, DAV is the leading specialist publisher in the field of pharmacy. Many of its magazines, such as the Deutsche Apotheker Zeitung (DAZ) and the PTAheute, enjoy industry-wide recognition.

TRANSITION TO A VIRTUAL IT INFRASTRUCTURE

The IT department at DAV is divided into two teams: (1) IT Service Management, responsible for infrastructure; and (2) Business Solutions, responsible for process organization.

"We have started to virtualize our IT infrastructure in several projects some time ago,"

explains Markus Bantleon, Deputy Head of IT Service Management at DAV Media. After the successful implementation of a new backup solution for virtual environments, the long-term archive with a 10-year retention period had to be integrated into this concept as well.

"The NetApp® archive storage system, which we previously used, had reached its endof-life and needed to be replaced. Our IT consulting partner advised us to switch to a virtual infrastructure,"

recalls Markus Bantleon.

SOLUTION REQUIREMENTS

DAV's IT department had to meet various requirements for the transition of the long-term archive to a futureproof virtual IT infrastructure.

"One requirement was ensuring long-term data security to comply with legal requirements. By protecting the data from manipulation and changes with a WORM functionality, this requirement can be fulfilled,"

says Markus Bantleon. The Deutsche Apotheker Verlag archives all tax-relevant accounting data such as invoices and receipts in the long-term archive. This data is processed in the document management system EASY, which is connected to the new archive storage via a standard interface. Other requirements came from the IT's strategic orientation: The virtualization of the IT landscape needed to be driven forward and extended to other areas.

"The fact that the realignment of IT resulted in clear cost advantages was of course a very positive effect,"

emphasizes Markus Bantleon.

TECHNOLOGICAL CHANGE FOR BETTER PERFORMANCE AT LOWER COST

It quickly became clear that the current archive storage had to be replaced. "The solution was unfavorable for us in terms of price performance ratio. It was simply too expensive and showed a poor performance", concludes the IT Manager, Markus Bantleon. In selecting the appropriate solution, DAV quickly opted for the softwarebased approach of iTernity Compliant Archive Software (iCAS).

"iCAS convinced us as a flexible and cost-effective solution for a virtual environment. Our system house also recommended iCAS as a proven archive solution,"

recalls Markus Bantleon. The switch to a combined storage solution from Hewlett Packard Enterprise (HPE MSA 2040) and iCAS has increased the performance of the overall solution. The technology change has given DAV a double advantage as the total costs for storage and archiving could be significantly reduced at the same time.

"Our costs for the overall archive solution have fallen by around 20% because of the switch to iCAS," explains Markus Bantleon. "If we compare the net costs for the archive storage, which are the license and support costs without the virtualization costs, we are even talking about a 47% cost reduction compared to the previous NetApp archive".

DAV is also optimally prepared for future changes to the storage infrastructure. This is because iCAS can be combined with any storage hardware, thereby, it guarantees a high degree of independenc and flexibility.

INSTALLED AND ALMOST FORGOTTEN: "ICAS RUNS RELIABLY IN THE BACKGROUND"

Markus Bantleon smiled when he described the advantages of iCAS:

"During the installation of iCAS, iTernity's Support Team mentioned that many customers forgot about the archiving solution right after they had installed it. It was the same with us. iCAS runs safely and reliably in the background, so we have extremely few points of contact with the system".

This has significantly reduced the IT department's effort in maintaining the archive system. This stability is based on a high-performance, flexible and secure data archive. "The performance of the virtual iCAS archive is in no way inferior to the dedicated solution," emphasizes Markus Bantleon. The connection between the DMS EASY with iCAS was easy as well because the solution is validated for iCAS.

As iCAS already has several certifications, the auditor could quickly complete their assessment at DAV. KPMG confirmed that the long-term archiving at DAV complies with the German "principles of proper computerized accounting systems" (GoBS).

PROJECT IMPLEMENTATION AND SUPPORT: „EXEMPLARY"

The transition to iCAS was carried out in clear project steps:

"From installation to migration to productive use - within a few days we had replaced our previous archive storage and iCAS was up and running in a virtual environment. The rapid implementation of the project impressed us," says Markus Bantleon, evaluating the project implementation. "The migration process was smooth and fast. Thanks to logging and error logs, the process could be carried out safely and error-free".

The IT department also evaluated the collaboration with iTernity's Support Team positively. Thanks to the clear step-by-step instructions in iTernity's Support Portal, many maintenance tasks can be carried out by DAV itself. Markus Bantleon learned about how to update iCAS to a newer version via iTernity's technical newsletter and was able to carry it out himself without any problem.

"The cooperation with iTernity's Support Team is also exemplary. Their communication is very fast and solution-oriented," praises Markus Bantleon. When Markus Bantleon was asked if there is anything else to add, he grinned. "Complete satisfaction. iCAS works great and the maintenance effort is extremely low".

Markus Bantleon, Deputy Head of IT Service Management at DAV Media

DATA ARCHIVING MADE SIMPLE

iCAS is a flexible middleware for retention management & WORM storage. The solution integrates perfectly into heterogeneous infrastructure landscapes. While you take care of your core business, iCAS reliably protects the integrity and availability of your data in the background.

HARDWARE INDEPENDENT

The archive intelligence is tied to the software-layer, not to the hardware

COMPLIANT

iCAS assures regulatory and compliance requirements

FLEXIBLE

Middleware between your business application and the storage infrastructure

TAMPER-PROOF

iCAS provides WORM storage, encryption and retention management

THE CENTRAL PLATFORM FOR YOUR DATA MANAGEMENT

Business Applications/Data
ECM, ERP, PACS, E-Mail, Voice, Video, Customer Specific, etc.

iCAS Data Management and Protection
Encryption, Integrity Monitoring, Self-Healing, Retention, WORM

Storage Infrastructure
Onsite-, Cloud-, Object-Storage

iCAS protects data integrity and availability, even if the underlying storage technology and hardware changes in the future. As a software-defined solution, iCAS lays the foundation for audit-proof data archiving and protects your investments in hardware, software and services.

iCAS adapts to your IT infrastructure and adds compliance, data integrity protection and WORM storage (Write Once Read Many) to your existing systems.

iTernity

WE TAKE YOUR DATA SECURELY INTO THE FUTURE

We protect your business-critical data. The trust you place in us is our motivation and an investment in the future. The result: more security, less effort, no worries.

Our DNA is archiving, our mission the long-term availability and integrity of all types of corporate data. Our focus is on your challenges, whether data protection, cost pressure, data growth, cyber attacks, lack of time, or complexity –
we take your data securely into the future.

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