



## Information Brief **SAP Imaging and Data Archiving in the Cloud** Offering Compliant Storage as a Service

By Jochen Hager

Cloud Computing is ubiquitous. Software-as-a-Service concepts have found their way into almost all modern day enterprises. Mobile and field-based services were first, but many others followed. Data management in the cloud offers high availability and security paired with low risks. SolutionXchg and Texperts, Inc. offer SAP Imaging and Data Archiving services on SAP-certified KGS CS4S content server software and iTernity's iCAS solutions for compliant and secured data storage.

**SAP Imaging and Data Archiving as a Service offers a new level of security and elasticity for your compliant SAP short and long-term storage needs.**

### Cloud-Based Services Risks and Benefits

Cloud-based services have established themselves in many enterprises. While there is a lot of hype around cloud services, many of the services offer true business value for ever leaner IT departments in leading enterprises.

The main drivers for Cloud Computing are: lower costs, better scalability, higher availability, more

- ▶ Higher availability
- ▶ Better scalability
- ▶ Lower costs
- ▶ Less complexity
- ▶ Improved elasticity

flexibility, and a new level of elasticity. While there are many benefits, the challenges lie in areas of security, control of data and access, and migration of data into and out of a cloud service.

### Higher Efficiency

Many businesses look to cloud computing as a means to more

efficiently deliver IT services to users in their organizations. Today mobile applications, applications for remote users or field-based teams are the most popular cloud-based applications.

While these business scenarios lend themselves naturally to be offered as services, other areas are often overlooked, such as compliant storage applications. For these, cloud-based solutions can offer a cost-effective way to maintain high availability and reliability.

### Better Reliability

One of the key benefits of the cloud model is its ability to ensure business continuity and speedy disaster recovery. Cloud Computing can offer this ability as a low-cost solution for small and medium enterprises, but even large enterprises can benefit.

Traditionally disaster recovery is cumbersome and extremely expensive. It typically requires mirrored systems and duplicate storage in some remote environment. In many cases disaster recovery is not sufficiently tested and administrators are unexperienced in a true emergency situation.

Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS) models

**“Choosing which software functions to move into the Cloud requires careful consideration. Storage for long term archives are definitely a primary candidate. SAP Imaging and Archiving is well suited to be provided as a service.”**

*Uwe Wagner  
Tiburón Consulting LLC*

provide the security and flexibility in-house solutions cannot offer with the same degree of reliability.

### SAP Imaging and Archiving as a Service in the Cloud

Cloud-based solutions offer a cost-effective way to maintain high

availability and reliability for many different user applications. These are exactly the qualities you want to see in a compliant archiving solution for SAP. Standard archiving functionality is available:

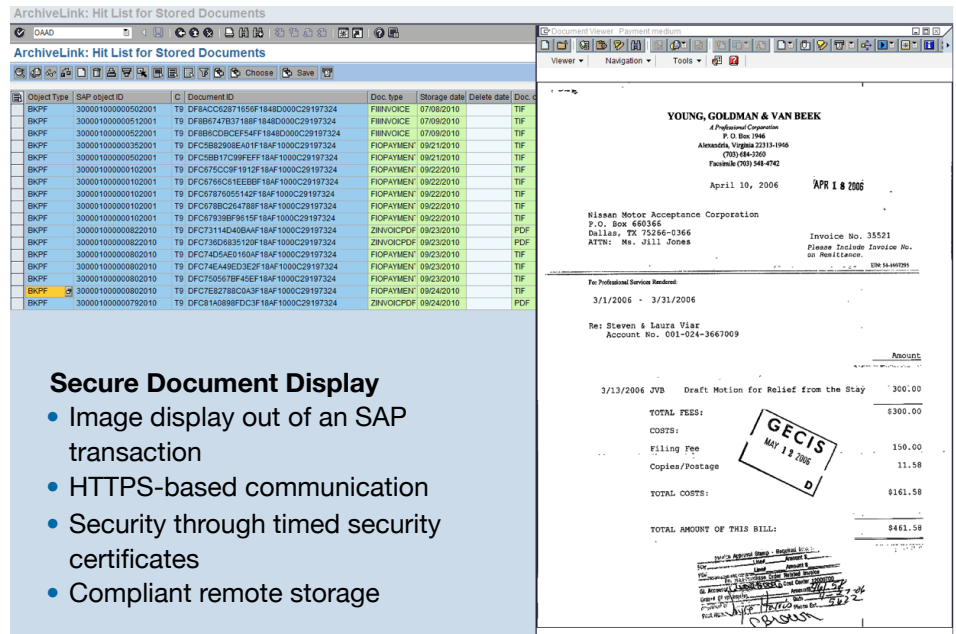
- **Document Imaging in the Cloud** – Documents are retrieved through secure HTTP requests from a read-only and retention managed cloud-based storage location.
- **Data Archiving in the Cloud** – While the individual files are rather large, SAP ArchiveLink protocols allow the retrieval of only portions of the file. Full data archiving functionality is available.

The avant-garde definition of the SAP ArchiveLink interface allows a high quality service solution to be built. Any functionality of the underlying archive system is completely transparent to the business transaction and therefore highly suitable for a transparent service offering.

Secure HTTP and timed security certificates safeguard the transmission of data through the Internet. VPN tunnels are available as an additional security layer.

## Complete Solution

Texperts, Inc. with its strategic partnership with VMWare and its hosting and cloud services expertise for SAP, and SolutionXchg, with its SAP Imaging and



The screenshot shows the SAP ArchiveLink interface. On the left, a table lists stored documents with columns for Object Type, SAP Object ID, Document ID, Doc. Type, Storage Date, and Delete Date. On the right, a scanned document is displayed, which is a bill from KISSAN MOTOR ACCEPTANCE CORPORATION for Steven & Laura Viaz, dated 3/1/2006. The bill includes a stamp from 'GECIS' dated 'MAY 13 2006' and a total amount of \$461.58.

### Secure Document Display

- Image display out of an SAP transaction
- HTTPS-based communication
- Security through timed security certificates
- Compliant remote storage

Data Archiving expertise, have teamed up to provide companies a one-of-a-kind solution for SAP Archiving-as-a-Service.

Our solution, based on a standardized platform and fully automated migration concept, offers easy and fast deployment within days, not months.

Based on the KGS ContentServer4-Storage which represents one of the fastest and most scalable content server solutions for SAP and the iTernity iCAS solution adding the necessary data security and compliance layers, Texperts and SolutionXchg have built a service offering that is truly unmatched in the industry.

## Experts at Work SolutionXchg and Texperts

Texperts, Inc. is an SAP-certified hosting partner, providing system management services to companies which recognize that (virtual) ERP system management and support are crucial for their day-to-day business operations and require highly specialized technical staff. SolutionXchg is a cutting-edge software supplier and integrator with a team of highly experienced SAP Imaging and Data Archiving industry experts. ■



**Contact us:**  
SolutionXchg  
West Chester, PA 19382  
info@solutionxchg.com  
Tel.: (484) 881-3120

## Impressum Texperts, SolutionXchg, KGS, iTernity and SAP Trademark and Copyright Notices

Texperts, Inc. provides system management services to companies running SAP. For more information visit [www.texpertsinc.com](http://www.texpertsinc.com).

SolutionXchg is a system integrator with a long-standing history on imaging and archiving solutions for SAP. For more information visit [www.solutionxchg.com](http://www.solutionxchg.com).

KGS ContentServer4Storage™, KGS MigrationServer™, and KGS

Migration4Storage™ are software products by KGS-Software GmbH & Co. For more information visit [www.kgs-software.com](http://www.kgs-software.com).

iTernity GmbH builds software exclusively for the storage and archiving market. For more information visit [www.iTernity.com](http://www.iTernity.com).

SAP® and SAP ArchiveLink™ are trademarks of SAP AG Germany and in several other countries. For more information visit [www.sap.com](http://www.sap.com).

Copyright © 2010 by Solution Exchange, LLC, all rights reserved. Copying or reproducing this document in parts or as a whole is strictly prohibited. ■