CONTAX

Atlas Paper Bag - SAP Migration to Amazon Web Services

ABSTRACT

Atlas Paper Bag (APB) enlisted the help of their SAP partner, CONTAX Inc, in order to take advantage of the many advantages of hosting their SAP environment on Amazon Web Services (AWS). By moving their enterprise workload to AWS, APB has been able increase IT agility, scalability, reliability and security.

COMPANY BACKGROUND

Atlas Paper Bag Co. Ltd. was founded in 1969 and is one of North America's pre-eminent manufacturers in the disposable paper category. They are an industry leader in part due to their forward-thinking IT strategy. APB have been running their core business using SAP since 2012.

MIGRATION

Aside from regression testing on the development/quality assurance instances, the APB team did not need to involve themselves in the migration project. CONTAX is partnered with SAP and AWS, so they used their expertise to migrate the SAP environment as it was to AWS. This type of migration is generally referred to as a re-hosing or "lift and shift." While it represents a lateral move in terms of SAP software, it allows APB to enjoy the benefits of cloud-hosted SAP without any end-user training or significant IT resource involvement.

"Migrating our SAP workload to AWS was a breeze. We finished work on Friday on our old server and came in on Monday to a cloud-hosted system."

-Robert Wrona - Business/Plant Director, APB

aws partner network

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BENEFITS

Agility

With SAP instances hosted in the cloud, provisioning new SAP instances can be done in a matter of minutes instead of days or weeks. Should APB need a sandbox environment for a short period of time, that instance can be created, used as needed, then decommissioned, without any upfront cost, and they'll only be billed for what they use.

Scalability

Though APB is not yet running S/4HANA, this migration is the first step in their S/4 journey. With their SAP environment on AWS, they will be able to scale up compute capacity to power SAP HANA as well as anything else that may be required in the future.

Reliability

Moving to AWS has also increased the reliability of the SAP instances. Amazon EC2 has a service level agreement committed to 99.99% uptime. The EC2 instance is also configured for system auto-recovery using Amazon CloudWatch, wherein the system will automatically be recovered in the rare event of hardware failure. The SAP backups are now stored on AWS S3, which has a durability guarantee of 99.999999999% which is a *significant* increase from their previous backup strategy.

Security

Using AWS's virtual private cloud technology, APB has increased the security of their SAP instances. Under the shared responsibility model that AWS uses, Atlas Paper Bag has been able to benefit from the added security of AWS. The APB SAP instances are now hosted in a data center and on network architecture designed and built to meet the requirements of some of the most security-sensitive companies in the world.

MORE INFORMATION

For more information about SAP on AWS. Please contact us at info@contax.com or visit http://www.contax.cloud.

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