

SAB Holding Gains Freedom to Grow with SAP on AWS



Executive Summary

SAB Holding needed to move its core IT systems to Amazon Web Services (AWS) from another cloud provider. It was a large migration involving 29 servers and over 23 terabytes of data. The move took two and a half months and helped the company to cut IT costs by 46 percent.

The group chose to move its core SAP-S/4HANA systems with 29 servers and 23 terabytes of data to AWS from another cloud provider. The company relies on SAP for all its business-critical systems, so this was a large and sensitive migration.

The complete migration took just two and a half months and helped the company cut 46 percent from IT costs and reduce the time to provision new hardware from 30 days to three hours. With its previous provider, even basic infrastructure changes, such as increasing storage, could take up to two weeks to complete—this task can now be completed in hours.

A Smooth and Seamless Migration

“The actual move was very smooth,” says Ahmad Ali, IT director of SAB Holding. “In fact, we didn’t even realize we had migrated from one service provider to another. It was all very well planned and there was no negative impact on the business.”

Ali said that compared with its previous cloud supplier, working with AWS and [AWS Partner Network Advanced Consulting Partner FORTE CLOUD](#) meant much better coordinated support and cost optimization. Both take a proactive role in informing SAB of new services and ways to further reduce costs. While Forte’s dedicated team provides most of SAB’s support, Ali also finds it easy to go to AWS for help if required. Compared with its previous provider, SAB finds AWS does a much better job of keeping it updated on new services, offers, and service optimizations.

The flexibility and scalability of AWS is particularly important as the organization grows into new areas through acquisition and investment. SAB needs the agility to instantly scale up and extend systems to include new partner companies and high-growth start-ups as they join the group.

About SAB Holding



SAB Holding is a varied group with businesses in industries such as construction, publishing, and IT. SAB also owns and runs the Saudi arms of delivery services TNT and FedEx.



The actual move was very smooth. It was all very well planned and there was no downtime.”

Ahmad Ali
IT director, SAB Holding



Automation Powers Lean IT

SAB's core systems run on SAP-S/4HANA and support the group's core infrastructure, including sales, human resources, finances, enterprise resource planning, and logistical operations. These are used by 200 staff to keep track of investment and performance across the group.

Such a vital group of mission-critical services requires high availability and reliability. SAB relies on [AWS Business Support](#) and support from AWS partner Forte Cloud to quickly deal with any issues.

AWS allows SAB to run an extremely lean IT organization. The small team relies on AWS products including [Amazon Elastic Compute Cloud](#) (Amazon EC2), [Amazon Elastic Block Store](#) (EBS), and [Amazon Virtual Private Cloud](#) (Amazon VPC) for core infrastructure. [Amazon CloudWatch](#) provides insights into application and infrastructure performance to keep everything running smoothly.

This saves SAB the headache and expense of running its own data center and lets it focus on growing its infrastructure to meet the changing needs of the business and its customers.

The group has one service-level agreement to ensure systems meet its needs and budget requirements, while ensuring the lowest risk to the business.

SAB uses SAP S/4HANA on AWS for its core Enterprise Resource Planning. It also uses SAP Business Warehouse, SAP Process Integration, and SAP Customer Relationship Management all running on AWS. Specialized code from FORTE CLOUD gives SAB the ability to automate 80 percent of the repetitive tasks for the SAP workloads running on AWS. This has meant big savings for the business and has freed up staff to look forward rather than just working on keeping the wheels turning.

SAB also switched to backing up its SAP-S/4HANA workloads directly to [Amazon Simple Storage Service](#) (Amazon S3) using [AWS Backint Agent](#). This made it easier to back up and restore the SAP-S/4HANA database as it doesn't require custom scripts.

Security of its online estate is provided by [AWS Web Application Firewall](#) (AWS WAF).

An Eye on the Future

So far, SAB has moved over 34 separate projects to AWS. To support business expansion, SAB is also looking at other AWS services, including the use of chatbots to provide multi-channel customer support and making more use of real-time analytics for its social media channels.

Looking forward, SAB is exploring the use of [AWS IoT](#) and machine learning to help stay on top of its huge physical infrastructure and complex supply chains.



This may extend into a broader data project integrating AWS IoT and other data sources into an SAP Leonardo project to provide analytics across the whole group.

Benefits of AWS

- Agility & Performance
- Elasticity
- High availability
- Cost savings & optimization
- Innovation
- Security and Compliance

Services Used

- Amazon EC2
- Amazon EBS
- Amazon CloudWatch
- SAP
- FORTE CLOUD [Professional Service](#)
- FORTE CLOUD [Managed & Support Service](#)

Businesses of all sizes across all industries are transforming their organizations each day using AWS and FORTE CLOUD. Contact our professionals and start your AWS Cloud journey today.

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About FORTE CLOUD

FORTE CLOUD provides a complete portfolio of services to give enterprise customers fast and flexible access to the cloud. Launched in 2014, the Egypt-based company designs, builds, migrates, manages, supports, and protects business-critical cloud applications for SAP, Oracle, and Microsoft workloads, enabling big data, analytics, and Internet of Things capabilities.

