

## Case Study

### About J.G. Hosiery Pvt. Ltd.

**J.G. Hosiery Pvt Limited**, a company in the knitwear business since 1980. JGHPL manufactures and markets men's innerwear in the Indian domestic market under its various brands. While 'Amul Comfy' and 'Macho' are the flagship brands owned by the company, other brands include 'Zoiro', 'Amul Body Warmer', 'Sporto' and 'Florio'. JGHPL has a pan-India presence catering through more than 700 distributors and over one lakh retailers. Currently, the company has two manufacturing facilities in Tirupur and Kolkata.

### System details

Customer was using the following SAP Systems – SAP ECC 6 comprising of Solution Manager, Development, Quality & Production Server and approached InfraBeat Technologies for migration(lift-and-shift) from On-Premises (Physical Servers) to AWS Cloud (RHEL 6 to RHEL 7).

### Key Challenges

- The SAP Infrastructure was running on an aging on-premises hardware and the Client increasingly experienced performance challenges.
- Ensuring High availability of SAP Applications
- Lack of Scalability

### Reasons to move to AWS Cloud

- Elasticity, Scalability, Reliability and Integration
- Move from Obsolete to Certified Hardware.
- Lower TCO with higher Performance
- Lower and predictable capital expenses.
- Looking for scalable platform on need basis

### The Solution

With their on-premise servers reaching end of life, the client made the decision to migrate all of the SAP ECC Systems onto the Amazon Web Services (AWS) cloud. Having weighed up on-premise deployment with the cloud, and then having looked at a number of cloud options, they felt AWS was the logical decision. Hosting their SAP solutions in the cloud offered them the option of a minimal initial cost outlay, and the ability to 'get-going' without the delay of provisioning and setting up on-premise hardware.

In addition, the maturity of the certified SAP Instances offering on AWS was a major factor leading to their decision. The migration to the AWS cloud was done using standard SAP migration techniques and proved a straightforward process. The entire migration was achieved during a standard migration weekend.

### Solutions in Scope for AWS:

- SAP ERP
- SAP Solution Manager on Need Basis

### SAP Sizing for Deployment:

The standard SAP sizing procedure was utilized while sizing SAP solutions to run on AWS. To obtain sizing information for SAP Computes, we looked at their existing sizing on SAP as well as their future requirements. Based on these we determined their SAPS requirements and then architected their solution on AWS based on the SAPS ratings of the various EC2 instance types.

**Go Live:** The customer went live on AWS in **June 2018**.

## How AWS Services were used as part of the Solution?

Amazon EC2 to support SAP applications including development, quality and production. A r4.4xlarge for its SAP application server /database server – Production Instance along with the installations of the SAP Solution Manager and SAProuter.

Amazon EBS and S3 - For backups and storage.

Amazon Virtual Private Cloud (VPC) - To establish a virtual private and secured network connection between AWS and the on-premise network.

## Monitoring

Infra-structure monitoring was done using CloudWatch and remediation was based on triggers and alarms configured for service health or capacity thresholds.

## The Benefits

### Key Benefits after Moving to AWS

- Significant Savings on SAP Infrastructure Costs, Support, Maintenance and Operating Costs.
- Scalability during quiet periods – Resources are scaled down when they're no longer required especially in the evenings or on weekends.
- Faster RTO and RPO
- Reduced Management Time for the SAP environment.
- Higher Flexibility and scalability

## Why InfraBeat

- They Bring the best of both worlds on the table – viz, both SAP and AWS expertise.
- Single point of Contact for SAP and Infrastructure support
- Trusted SAP partner from the last 5 years
- Amazing hold on the product, and its deployment techniques on cloud

## Customer Quote

*“We are very impressed with the personal touch & professionalism that InfraBeat team showed while migrating our SAP landscape to AWS Cloud. They implemented a fully configured solution based on our requirements”*

- **Pankaj Seksaria, Director**