



# AWS Migration

Manage your cloud with a trusted Cloud Partner

## Client Introduction

Dishman Netherland is a pharmaceutical company based out of Netherland and is into manufacturing of APIs and excipients. Since 1946 they have been producing vitamin D and have developed a range of vitamin D analogs and metabolites which are used as APIs in drugs. They also produce a pharmaceutical-grade cholesterol which is used as an excipient in liposomal drug delivery systems. Dishman Netherlands is part of the Dishman Group, which consists of Dishman Pharmaceuticals & Chemicals, Carbogen Amcis and Creapharm Parenteral

## Key Challenges

Our client was running SAP-based applications on an On-premise setup. They, with their presence at several locations, were not able to scale its applications with the current system in place.



They were facing the following challenges:-

- ▶ High infrastructure costs and maintenance costs.
- ▶ Scalability issues due to on-premise infrastructure
- ▶ Running of servers on an outdated On-premise setup, which is always at risk of hardware failure.



### Solutions

Being a trusted partner for years now, they turned to us to help with cloud migration solutions. We did the following for them as a part of the migration strategy.



### Server Sizing

We calculated their SAPS requirements and then built their solution on AWS cloud based on the SAPS ratings of the different AWS EC2 instance types.



### Migration of SAP

Our certified and experienced team used the latest tools available in SAP and AWS to ensure migration was done as per plan and with minimum down time. Following activities were covered in migration:

- ▶ Upgrade SAP ECC 6.0 ERP system from EHP0 to ERP EHP8
- ▶ Migrated Database from MS SQL 2005 to latest HANA 2.0 SP4 DB
- ▶ Migrated Windows Server 2005 Operating system to Latest SuSE Linux 15 platform
- ▶ Setup SAP DMS/Content Server with latest version
- ▶ Setup DR for SAP ERP using CloudEndure

We provided predefined UAT templates and verification parameters to help the clients complete the verification process in a quick and structured manner.



## Key highlights of migration

- ▶ Established a secure private connection between AWS, and giving their employees direct access to the systems.
- ▶ A fully automated deployment platform was developed which enabled us to move their applications easily to cloud
- ▶ With AWS Identity and Access Management, our customers manage authorizations and users.
- ▶ A container deployment platform was also developed so that the updates of a new project release are automatically initiated.
- ▶ Data backups were automated and we setup a DR site
- ▶ A simple notification service was setup for the clients to stay updated with the latest modifications.

### Hypercare

We provided 24\*7 support to the client for 3-4 weeks to ensure that the users are accustomed to the new environment.

### Monitoring:

We use tools like CloudWatch & Zabbix which work on triggers and alerts configured into the system to ensure respective stakeholders are informed if any of the critical parameters crosses the threshold value. We also used SAP Solution Manager for SAP System Landscape Monitoring and for analysing the system performance and status.

## Results

With AWS migration, our client now enjoys fully automated deployment operations with zero operational burdens. They were also able to overcome several hurdles like



### Efficiency

The migration improved the application's performance and doubled its speed and efficiency and all locations. Now they also have disaster recovery measures in place to safeguard their data.



### Scalability

System Uptime was assured by almost 99.99%. Our client could now easily scale their operations quickly and efficiently.



### Cost-effective

Due to the migration, the operational and overhead costs of our client reduced drastically and they are now saving more than ever.



### Enhanced User Experience

The client is getting more time to focus on core business activities which is leading to a high rate of end-user satisfaction.

## Why Choose Discus

We are AWS and SAP partners and have more than 10 years of experience. Having extensive experience working with many prominent companies across the globe makes us an apt choice for migrating your SAP-based applications to AWS. We have done more than 10 SAP migrations and updates to date.

### Key Differentiators:

- ▶ Certified SAP and AWS team
- ▶ Structured approach toward migration and verification
- ▶ Migration and upgradation done with minimum downtime

## Testimonials

*DBS has been our SAP global infrastructure and AWS support partner for more than 5 years. One of our most seamless SAP project has been migration to cloud which was planned and managed by the DBS team. Their support team is proactive and ensures our SAP runs flawlessly and whenever support is required they are available*

Kunal Shah  
Executive Director, AIA Engineering Limited

