



## CASE STUDY

# Migrating Microsoft Workloads to AWS:

## DRA Aadithya South City Project, Chennai

### Executive summary

The FIRST developer, DRA Homes, will show your home's development progress in real time across all sites. They have been well-established for the past 37 years and are well-known figures in the Chennai and Bangalore real estate markets. DRA Homes relocated to new facilities with centralized operations to expand their business and enhance client satisfaction and workflow. DRA Homes inquired about the Cloud Hosting Service from Uniware Partner. They disclosed the application server's migration plan, which is hosted in Control S CSP.

### Business Challenge

#### Challenge 1

DRA Homes in Control S Datacenter frequently experience server failures. There is a drop in productivity and unstable internet connectivity.

#### Challenge 2

DRA Homes facing windows and database license support issues that are impossible to maintain and upgrade immediately impact the application functionality for business operations.

#### Challenge 3

DRA Homes want partner guidance to strengthen the application access for security reasons.

### Why migrate Microsoft workloads to AWS?

Amazon Web Services (AWS) and Uniware Systems Pvt Ltd are assisting hundreds of SMB customers in reaping the benefits of running Microsoft workloads in a reliable and secure cloud environment. Uniware described the flexibility of using Microsoft Windows Workload services on AWS, as well as the flexibility of purchasing plans to run workloads on AWS. Uniware provides in-depth insights into Microsoft licensing, allowing DRA Homes to avoid purchasing a separate license and instead receive a full-proof solution at no additional cost.



UNIWARE SYSTEMS

### About Uniware Systems

*Founded by technocrats in 1995. over 2,500 clients in all of India. cutting edge IT solutions for every economic area. well-known system integrator and solution supplier in Tamil Nadu and Kerala.*

*With thirty years of experience, an experienced sales and support team, and complex solution designs, Uniware can fulfill customer needs and provide high-end solutions at competitive pricing.*

*Uniware provides managed services, security, cloud infrastructure, and expert cloud consultancy to companies with forward-thinking business plans.*

*Uniware Systems helps clients get the most return on their cloud investment with more than 24 plus certified cloud professionals.*



V. SARAVANAN

Assistant IT Manager

*" Our preferred AWS partner is Uniware Systems since they meet our needs incredibly effectively. Completely satisfy any need or service requirement on time. We are grateful for all their efforts to maintain the seamless operation of our program."*

## How Do You Get Help?

*"You can fix call with a Uniware Sales Expert for advice on how to leverage Microsoft technologies in an AWS Environment as well as suggestions on how to maximize resources, improve operational efficiency, and provide superior business results."*

Helpline: +91-7358783739

## Do You Know That?

*"A recent report conducted by the Enterprise Strategy Group (ESG) shows that on average customers can save 77% on Windows Server and 45% on SQL Server licensing cost. The Optimization and Licensing Assessment will enable you to model your deployment options using your existing licensing entitlements and reduce overall costs at an average of 36% in the process."*



## Why Uniware Partner?

Uniware Systems signed AWS in 2016 and is now an Advanced Consulting Partner. Uniware has a great deal of experience migrating and modernizing infrastructure while maintaining security in accordance with legal requirements. DRA Homes is aware that the goal will be achieved by using Uniware Partner to transfer the old CSP to the new CSP. AWS services are explained in detail by Uniware, which also plans to implement a few security services in both on-premises and cloud AWS environments. Uniware provided guidance on resolving network connectivity and latency concerns. told the DRA about the licensing plan, the annual costs involved, and the savings that the organization would benefit from.

## Solution

In order to move the ERP (Application Name: In4Velocity) to an Amazon Web Services (AWS) cloud instance, Uniware Systems used an EC2 running Windows with Microsoft SQL Server latest version. To expedite the migration, the Uniware team, the application vendor, and the customer decided to lift and shift the application. After the system was stabilized, the group performed cost, reliability, and performance optimizations on the environment. The operating system for the migrated workloads is Windows Server 2022, and they are set up to support both IIS Service and Business Applications.

Uniware Systems' team implemented the Remote Desktop Gateway integrated on a Windows EC2 instance with secured communication to reach Business Application

For ERP, the Uniware Systems configured SSL VPN Client individual End User Machine to have secured access to EC2.

Uniware Systems extended on-premises networks to the cloud by establishing secure connection from anywhere using Firewall Appliance located in Organization.

On additional recommendation, Uniware Systems included AWS VPN Service as well to establish EC2 in case of Firewall Hardware Failure and network connectivity challenge.

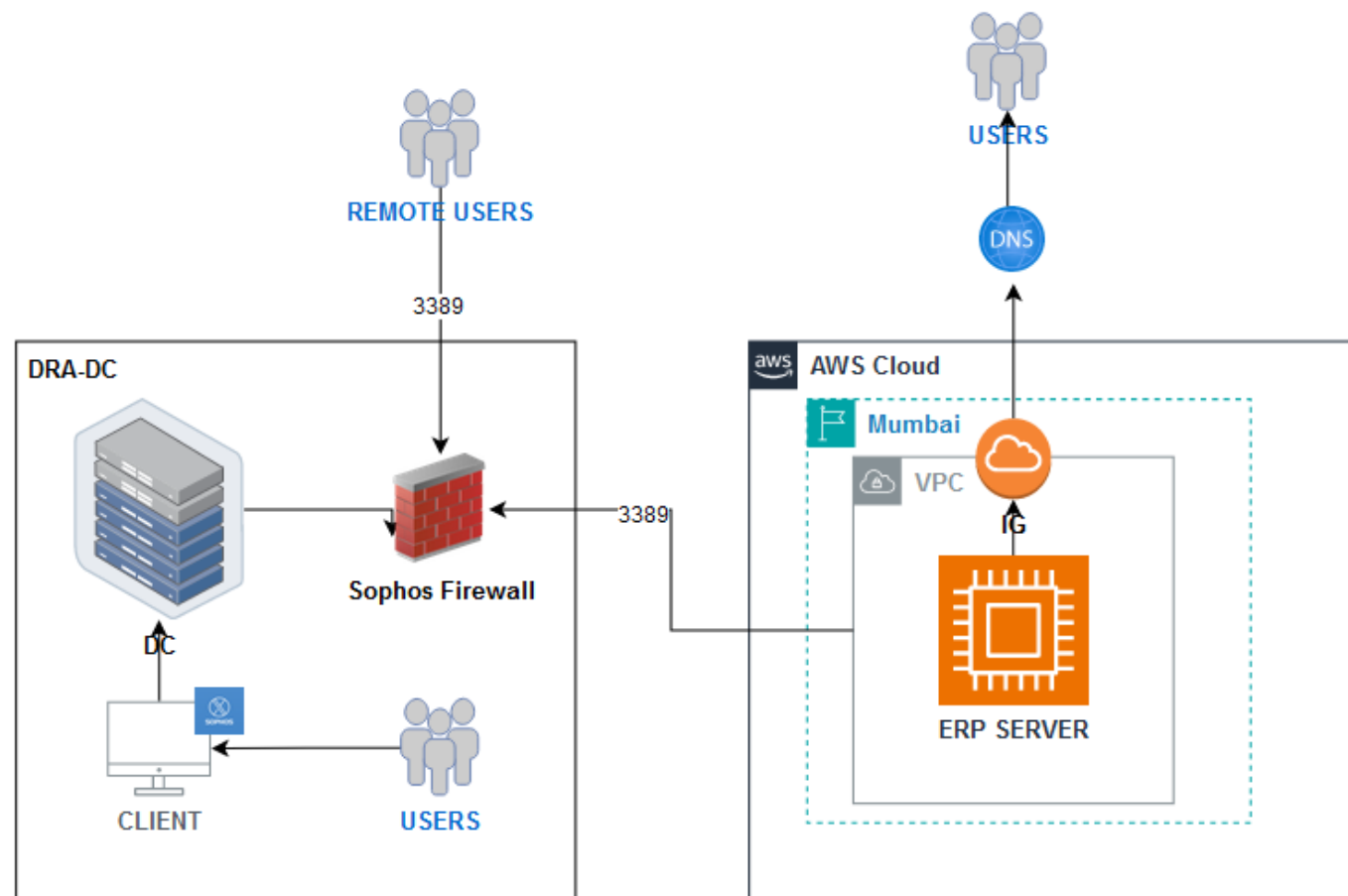
With EC2 Service, the bucket S3 and Cloud Alarm service is enabled for the VPC Logs and to have backup of Database connected to ERP and Business Application.

## Results and Benefits

- ✚ Installed ERP Application is more responsive and resilient to failure. Clients can be able to access anytime, anywhere, any place in a secured VPN Tunnel. Client is focusing on business productivity by their demands they look from Partner. Application and Data is under minimal risk. Power Resource and Network Cut Off is resolved moving to AWS CSP.
- ✚ The communication and Network Traffic in all parts of applications is encrypted data at rest and data at transit. The license issue is resolved where the client is currently in latest version and supportive to Application Platform.



## Applied Architecture Diagram



## About Uniware

Uniware Systems modernizes IT infrastructure, guarantees backup, security, and scalability across public, private, and hybrid clouds, and assists multinational corporations in launching and growing their digital business models on the cloud. The biggest businesses in the world rely on Uniware Systems to implement our enterprise technology stack to achieve new heights of performance, competitiveness, and customer experiences since we have been driving innovation for decades. Visit [www.uniware.net](http://www.uniware.net) to find out more about Uniware Systems, our emphasis on fostering technical proficiency and client success.



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