

# Daemon Solutions - eCommerce Migration



Market leading technical consultancy, Daemon Solutions, came to clckwrk for support moving a client eCommerce system to the cloud.

Market leading technical consultancy, Daemon Solutions, came to clckwrk for support moving a client eCommerce system to the cloud.

Daemon's customer was a leading UK retailer using an Oracle system in an on premise data centre.

## **The Challenge**

The system was an on-premise Oracle Real Application Cluster platform that was heavily IO bound and reaching the end of its life. It was cumbersome and slow to change when reacting to market demands. It was imperative that the customer move their operations over to a newer, more capable base with very high availability, equal or better performance, scalability, and the ability to recover following any outage.

clckwrk's recommended technology was AWS Relational Database Service (AWS RDS) in a Multi-Region configuration. AWS RDS is a managed service that makes it easy to set up, operate and scale a relational database in the cloud. In Multi-Region mode the instance availability is increased by automatically creating and maintaining a replica of the data and quickly switching to use that replica in the event of a failure.

## **The Result**

### **Speed**

User transactions were processed faster and transaction throughput higher

## **Agilty**

The system on AWS is now capable of scaling to cater for increasing workloads as the business grows