

## A Visa & Passport Company, Transitioned their Business Operation to the Cloud in just 21 days

A trusted global tech-enabled services partner for governments and citizens, BLS International is amongst the top three players globally in this domain. It is a preferred partner for Embassies and Governments across the world, having an impeccable reputation for setting benchmarks in the domain of visa, passport, consular, e-governance, attestation, biometric, e-visa and retail services.

They operate a lot of services under the mission mode projects of the government of India. Using the experience gained through their experience in India, they planned and executed to bid for the Visa process outsourcing for one of the European countries.

### Company Overview

Recognized as a  
“best under a  
Billion Company “  
by Forbes Asia

**66** Countries of  
Operations

**15,500+** Global  
offices exclusively  
for Govt /Diplomatic  
missions

### IT Environment

**3** On premise  
Servers

**3** Servers at DR site

**Mutiple** In- house  
applications



### CHALLENGES

### SOLUTIONS

### IMPACT



DC and DR site to be  
maintained at EU Location  
but within different  
geographical countries and  
at least 500 kms apart.



Transactions to be  
traceable and Auditable



Strict deadlines to go live in 3  
months



Advised IBM cloud for  
BareMetal machines with  
No sharing model.



Utilized IBM Amsterdam and  
Frankfurt DC's as the  
primary and DR site



Test Environment on VM's  
for parallel testing and  
Auditing



Customer went live in 21 days



Ensuring strict adherence to all  
the compliances of DR and DR site



Zero Capital Expenses

## Case Study | Cloud Migration

### MIGRATION OF COMPLEX DC AND DR SITE TO THE CLOUD

Our client is a services company based out of India. They operate services under the mission mode projects of the government of India. Using the experience gained through their experience in India, they decided to bid for the Visa process outsourcing for one of the European countries.

Since this was their first foray of working with the government agency of a European country they wanted smooth handover with best results. This project if executed well, would help them grow exponentially in international market. However this project had tight deadlines of going live in 48 countries within a matter of 3 months.

One of the biggest challenges in achieving this goal was that the data had to reside within the European Union itself. This meant that the data center and the DR site had to both reside within the European Union but within different geographical countries and at least 500km apart.



### CHOOSING THE RIGHT SOLUTION AND MEETING THE DEADLINES

The customer had operated in India and knew service providers and hosting companies in India and had strong relationships with them. However, none of them had Data centers in the European Union.

Buying servers and then hosting them at a local service provider would be a time consuming activity. **So the best solution was Migration of Servers on the Cloud.**

Due to our global nature of operations, we have partnerships with global cloud service providers. Given the challenges the customer listed we advised them to take Bare Metal machines with scalability options. IBM Cloud provided for Bare Metal machines with everything in Non-Shared mode but with scalability options.

IBM also had a data center in Amsterdam and in Frankfurt. We created the primary location as Amsterdam and DR in Frankfurt. Since the production system was on Linux with MySQL data base we first created a test environment on a VM for the customer to do load testing

Once the system was functioning we loaded the system on a Bare Metal machine and started test operations. Once the production server went live we started deploying the Bare Metal servers in Frankfurt at the DR site.