

Cloud Migration (*Datacentres Migration*)

USE CASE:

Client is India's leading business services provider serving over 1,700+ clients worldwide. As part of one of their businesses providing solution to Government organisation to track real-time Bus service, the customer has opted Microsoft Azure as Platform to provide highly reliable and scalable platform.

BUSINESS REQUIREMENT

Customer had hosted their customer's business critical applications with a third-party DC (TATA). TCL could not meet their requirement as application involves complex solution such as real-time tracking of Bus service and were looking for a highly scalable, cost effective solution that meets following requirement.

- Infrastructure to provide high flexibility and scalability in terms of compute and storage requirements
- Data Centre and Disaster Recovery site shall meet all criteria as specified under the MeitY empanelment
- The architecture and solution should provide near zero downtime as it involves real-time tracking Bus services
- Environment should be fully secured from any security vulnerabilities
- Infrastructure should be cost effective
- Seamless migration of workloads with minimum downtime to Azure

SOLUTION

- Migration workloads from TCL to Azure VM with minimal downtime
- Recommended architecture for business continuity
- Virtual Machine Backup
- High Availability of Applications and Databases servers
- Disaster Recovery (DR)
- Provided Security Recommendations that includes but not limited to
- Hardening of Operating System (OS) to protect vulnerabilities
- Defined Internal traffic & port mapping for application and database transaction
- Implemented Security Center
- Recommended Azure Data Factory to calculate Estimated Time of Arrival (ETA) of busses
- **Meets Government compliance requirement**
- **Highly Scalable, Flexible and Reliable solution**
- **Cost-effective solution when compared to the competition**