



AWS MIGRATION SERVICES

1 AWS Requires Specialization

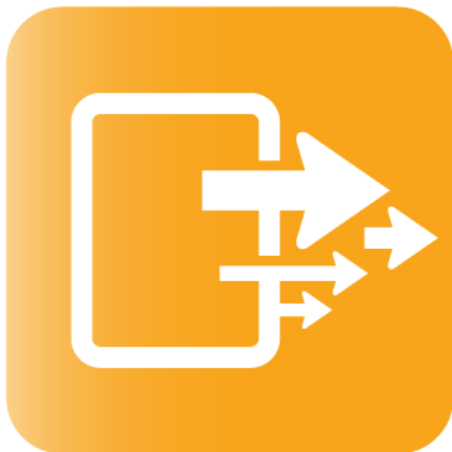
2 Security & AWS

3 No Risk Migration Offering

4 Team & Expertise

5 Case Study

MIGRATION TO AWS REQUIRES SPECIALIZATION



A seamless migration to AWS requires...

- Deep domain knowledge of AWS
- A complete understanding of each customer's environment
- Specialization in the following areas:
 - Application and database configuration
 - Server (virtualization) migration
 - Network engineering
 - Storage design
 - Cloud security



Choose from 3 different approaches to secure your data in AWS...

1. Encrypt Data at Rest

- You control the encryption method and the entire key management infrastructure.

2. Private Subnets

- The AWS Virtual Private Cloud (VPC) service allows you to add another layer of network security to your instances by creating private subnets, and even an IPsec VPN tunnel between your home network and your AWS VPC.

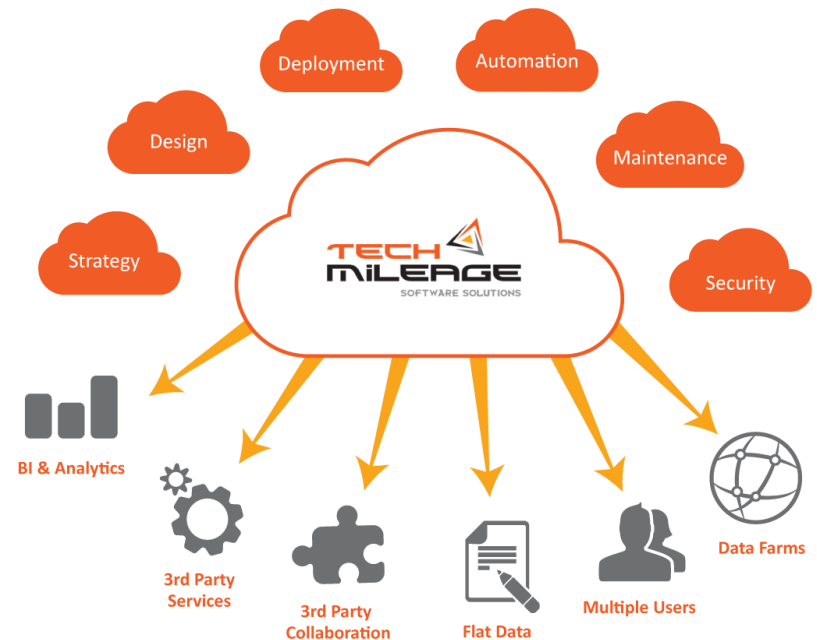
3. Isolated GovCloud

- For customers who require additional measures to comply with US ITAR regulations, AWS provides an entirely separate region called AWS GovCloud (US).
- GovCloud provides an environment where customers can run ITAR-compliant applications, as well as special endpoints that utilize only FIPS 140-2 encryption.

NO RISK MIGRATION OFFERING

TechMileage offers a no-risk AWS migration approach, which includes...

- **Analysis** of applications and dependencies on infrastructure
 - *Work performed at no cost*
- **Design** of an AWS solution producing a clear ROI on migration costs
 - *Payback period is typically less than 2 years*
 - *Work performed at no cost*
- **Phased migration** including plans for co-existence between private data center and AWS
- **Optional software solution** that offers a quick exit from AWS if ever needed
- **Complete design guide** for maintenance and operations



WHY TECHMILEAGE?



The TechMileage team consists of experienced professionals who are well versed in cloud computing and complex solutions.

TechMileage has...

- Years of experience in designing & implementing complex AWS cloud solutions
- Deep expertise in the security aspects of cloud implementations
- Moved and virtualized over \$100 million in physical assets
- Designed storage and networking products for one of the largest storage and networking vendors
- Recently migrated private cloud (VMWare) into AWS for several large companies

CASE STUDY – FROM PRIVATE CLOUD TO AWS

Challenge

Moved over 20 virtual servers and 10 services from VMware-based private cloud to AWS in 15 months. Services were customer-facing with 1,000,000 users accessing daily. 100% uptime was required during migration

Solution

- Delivery of the overall solution required significant modifications to existing J2EE application design
- Designed in fault tolerance at networking, server storage for failover between private cloud and AWS
- Solution allows for true cloud bursting between private data center and AWS during migration



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