

Subject: Win Wire: The Jockey Club Technology Group and Mission
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Customer: The Jockey Club Technology Group

Geography: SMB-Central

Industry: Information Technology

Multi-year: No

Competitive: Yes

Reference Status: Not a public reference

Use Case: Database Migration, Big Data & HPC, Datacenter Migration

AWS Categories and Services: AWS Application Migration Service (MGN), AWS DataSync, AWS Backup, Amazon EC2, Amazon FSx for Windows File Server, AWS Transit Gateway, AWS Network Firewall, AWS WAF, Amazon GuardDuty, AWS Security Hub, AWS IAM Identity Center, AWS Control Tower

Partner: Mission Cloud

Partner Competency: Migration

ProServe Involved: No

Customer Profile

The Jockey Club Technology Group (TJCTG) provides technology solutions that encompass software development, technology consulting, and hosting and managed services to address organizations' complex business needs. TJCTS serves The Jockey Club companies, the Thoroughbred industry as a whole, and other clients by collecting and managing data that is truly the source of truth for the entire Thoroughbred industry.

The Opportunity

The Jockey Club Technology Group was planning a migration and modernization strategy for its on-prem data center, which contains ~25 VMware host servers and ~600 VMs. Databases across these VMs consist of Sybase (in place for 29 years), MS SQL, and MySQL, maintained by three full-time DBAs. A partner also manages a Rackspace environment purely to maintain disaster recovery time objectives. TJCTG required the necessary project plan to facilitate the migration to AWS and the cost estimates for 2025 budget approval.

The Solution

Mission Cloud, a Premier Tier AWS Services Partner, supported TJCTG in developing a comprehensive plan to migrate their infrastructure to AWS. This included designing a new AWS Landing Zone using AWS Control Tower, planning the migration of application servers using AWS Application Migration Service (MGN), and transitioning file storage to Amazon FSx for Windows File Server. The solution also incorporated advanced networking with AWS Transit Gateway and security measures using AWS Network Firewall and AWS WAF.

Partner Solution

Mission Cloud helped The Jockey Club Technology Group design a robust AWS environment that would allow them to shrink their overall infrastructure footprint, move away from managing data centers, and modernize their legacy stack. The solution included:

1. Designing an AWS Landing Zone using AWS Control Tower for improved governance and security.
2. Planning a network architecture with Transit Gateway for efficient connectivity between VPCs and on-premises networks.
3. Designing a migration strategy for application servers using AWS Application Migration Service (MGN).
4. Planning the transition of file storage to Amazon FSx for Windows File Server for improved manageability and performance.

5. Incorporating security measures such as AWS Network Firewall and AWS WAF for enhanced protection.
6. Planning for disaster recovery using AWS Backup and Elastic Disaster Recovery (DRS).
7. Designing an Infrastructure-as-Code (IaC) approach using Terraform for consistent and repeatable deployments.

How We Won

TJCTG evaluated several partners before selecting who to partner with on the MAP Assess phase of this project. Mission Cloud was ultimately chosen due to our firm understanding of the importance of the customer's legacy Sybase databases, arguably the most crucial aspect of the migration and an area of concern for the customer. By introducing Sybase experts and discussing our plan to evaluate AWS-managed database services, we gained the customer's trust, assuring them that we had the right team for the job. The team demonstrated deep expertise in AWS services and migration strategies, providing a detailed plan aligned with TJCTG's goals of reducing infrastructure footprint, modernizing their legacy stack, and improving overall operational efficiency. The proposed solution addressed critical areas such as security, networking, and disaster recovery, giving TJCTG confidence in the migration path forward.

Account Team

Sky Rys (Account Executive - Mission Cloud)
Sean Hansbrough (Engagement Manager - Mission Cloud)
Ben Hundley (Senior Cloud Consultant - Mission Cloud)
Julie Gale (Team Lead / Project Coordinator - Mission Cloud)
Sergio Beltran (Analytics Architect - Mission Cloud)
Vamsikrishna Immadisetty (Analytics Architect - Mission Cloud)
Trevor Banks (Database Architect - Mission Cloud)

Special Thanks

Pete Chatz (AWS AM)
Sarath Polireddy (AWS SA)