



# NATIONAL MORTGAGE SERVICES COMPANY TRANSITION TO HYBRID CLOUD

*Shifting to Cloud with Minimal Impact on Business*

## EXECUTIVE BRIEF

### CUSTOMER NAME

Mortgage Services Company

### INDUSTRY

Financial Services

### LOCATION

New Jersey

### GOALS

- Datacenter consolidation to the cloud
- Remove cost of managing physical infrastructure
- Provide a more cost-effective DR datacenter solution
- Flexibility and scalability that align to business reduction and growth
- Reduce number of strategic partners

### CHALLENGES

- Achieve migration within a short timeline (1 year)
- Avoid expense of managing co-locations
- Need of single tenant security, using a private cloud inside of the public cloud infrastructure
- Desire to consolidate datacenters and modernize IT without making capital investments

### SOLUTIONS

- Amazon Web Services (AWS)
- VMware Cloud on AWS
- RoundTower Cloud Consulting Services
- RoundTower Cloud Managed Services

### RESULTS

- Management of current on-premises infrastructure and migration to the cloud
- Outlined pros and cons of the platform with comprehensive view of the solution
- Took hybrid approach, using both VMC on AWS and native AWS to meet project goals and tight timelines
- Moved legacy applications with numerous iterations to the cloud
- Met all project time requirements and datacenter consolidation

## CUSTOMER BACKGROUND

For over 30 years, this national mortgage services company has provided industry-leading mortgage services and helped countless homebuyers and homeowners find financing solutions to meet their needs. Their reputation is based on building and maintaining relationships that last long after clients get the keys to their home or complete a refinance. Focused on providing high quality mortgage services, and a desire to lower the burden of the contextual aspects of IT operations, are the reasons they made the business decision to prepare their organization for digital transformation by transitioning to the Cloud.

This customer has had a long-standing relationship with RoundTower, which has included several datacenter migrations & upgrades. The customer's internal champion has credited RoundTower with the ability to work through adversity to deliver success.

## BUSINESS CHALLENGES

The company's co-located datacenter was in a leased facility that would have required renewing by the end of the year, so they needed to achieve this migration within a short timeline. They also wanted the flexibility of the public cloud but the manageability and same look & feel as the on-premises solution.

## ROUNDTOWER'S SOLUTION

RoundTower provided consulting services to assess the current environment, map application dependencies and define the business and technical requirements needed to achieve this transformation. They then recommended a hybrid approach that would leverage both native Amazon Web Services (AWS) and VMware Cloud (VMC) on AWS. This was partially due to legacy applications that would have taken years to refactor, as well as the current capabilities of the customer's internal resources. After rationalizing the current application and service portfolio, RoundTower mapped applications into two categories:

1. Those that would run in native AWS services
2. Those that would run on VMC on AWS

The final hybrid design eliminated many legacy technologies and leveraged VMC on AWS, as well as EC2, RDS, S3, EFS, ELB's and numerous other services from Amazon. RoundTower architected and deployed all aspects of the hybrid cloud strategy, including VMC on AWS, native AWS services, backup, archive, and disaster recovery. "The ability to not only architect, but implement and manage this full stack architecture, is one of the great RoundTower differentiators," said Paul Craddock, a RoundTower VMware Certified Design Expert.

## BUSINESS OUTCOME

Since the migration, the customer has eliminated two datacenters of legacy multi-tiered architecture and moved their applications to the cloud with minimal impact to the business. Gone are the days of forklift hardware upgrades, endless vSphere updates and patching, hardware incompatibilities, hardware patching and updating firmware, and downtime due to infrastructure outages. The VMware Cloud on AWS and AWS Services allows the tools and ability to scale applications based on business demand.

*For more information, call 888-679-0752 or email [sales@roundtower.com](mailto:sales@roundtower.com)*