

# Case Study

## Transformed Monolithic Loan Processing for a Technology-Enabled Lender



### Problem statement and business need

A technology-enabled lender needed to transform its monolithic loan origination and processing system into a microservices-based architecture to support multi-tenancy and improve efficiency.

### Solution approach

R Systems transformed the legacy application to a microservices architecture using AWS. Key portals, including customer, underwriter, and admin portals, were modernized for better control and performance.

### BENEFITS

**30%**

reduction in  
operational costs  
due to multitenancy

**20%**

improved  
application  
responsiveness

Instant rollout of new  
features, enhancing  
user experience and  
system resource  
usage