

*“AppOrbit delivered a fully automated CI/CD pipeline that delivered enormous agility to our engineering teams and slashed our infra cost”*

– Chief Technology Officer

## CI/CD pipeline Automation for Financial Applications



### Multi-billion Dollar Real Estate Investment Trust

Scope of Operations  
United States

### Company Profile

The Company invests in residential real estate and mortgage backed securities, as well as derivatives to hedge their risks. The Company also buys, finances, and manages commercial real estate loans.

### SITUATION

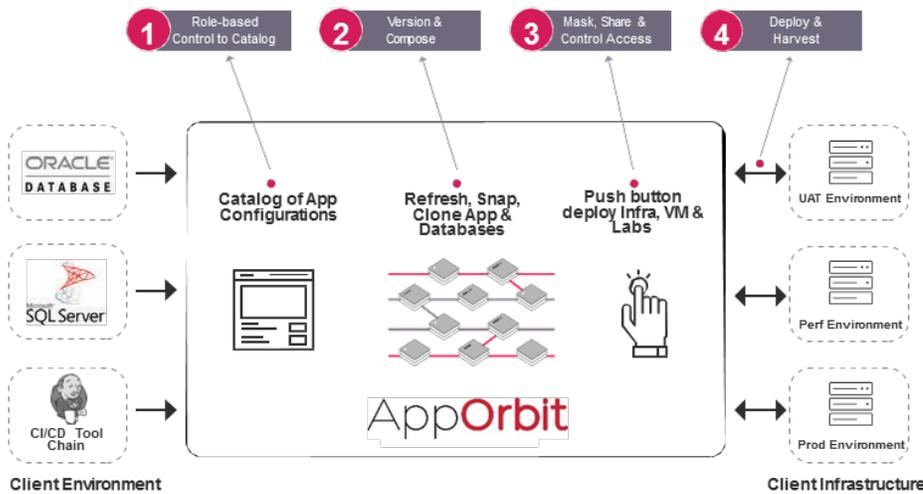
The Company's Dev/Test environment for release management was mostly manual. They lacked parity between the QA and production environments, with QA engineers spending more time setting up and managing environments than testing. The Company also had error prone refresh cycles and needed to keep a dedicated infrastructure pool for QA environments, even if there was no active tests being run. Worst of all, they were unable to continuously release applications, resulting in missed revenue opportunities.

### SOLUTION

For the Company's Windows.NET and SQL Server environments and other enterprise applications, the AppOrbit Platform automated the environment provisioning processes, created QA environments with improved parity with production that could easily be customized. AppOrbit also deployed/ cloned/ snapshot the applications on their private cloud and normalized test data management across all environments.

### BENEFITS

- Reduced time to provision Dev/Test environments from **months to minutes**
- **90% increase** in Dev/Test environment utilization to run all .NET applications
- **Simple, streamlined DevOps pipeline**
- **40% enhancement** in quality, agility, and efficiency of releases



Key Stats	Before	After
DB management for Test environments	Manual	Fully Automated
DB image deployment for test environments	Manual	Fully Automated
Lifecycle management (snap, clone, delete, restore)	Manual	Fully Automated
Time to Deploy & Refresh Data	3 Months	5 Days
QA Environments to Manage	Many	One
QA Environment Dependencies	App/InfraDB	None

## About AppOrbit

The AppOrbit application platform makes both new and legacy business applications -- and the data they rely on -- portable to any modern infrastructure, without rewriting code, in minutes. By using AppOrbit, enterprises can accelerate digital transformation, which dramatically reduces IT costs, eliminates vendor lock-in, channels savings into net-new innovation and speeds up continuous delivery models like DevOps. Founded in 2014, with backing from Kleiner Perkins and Costanoa Ventures, the company is headquartered in San Jose, California. For more information, visit [AppOrbit.com](http://AppOrbit.com).

# AppOrbit

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Features Delivered	Before	After
Self-deploy .NET apps on any VM / cloud within minutes	NO	YES
Self-provision multiple Dev/Test Environments of multi-tier Apps	NO	YES
Control over capex / consumption of the hardware & resources	NO	YES
Persistent Test Data across all Dev/Test Environments / assigned users	NO	YES
Snapshots/clones of Apps & DBs (without the VMs on which they run)	NO	YES
Spin up environments of any App with any Data, based on application catalogue	NO	YES
Near zero dependency on Infra/DB admin teams to spin-up/spin-down environments or facilitate migration	NO	YES
Integrate with build repositories for Continuous Integration/Continuous Delivery	NO	YES
Roll-based access and integration with LDAP and Active Directory	NO	YES