

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

– 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

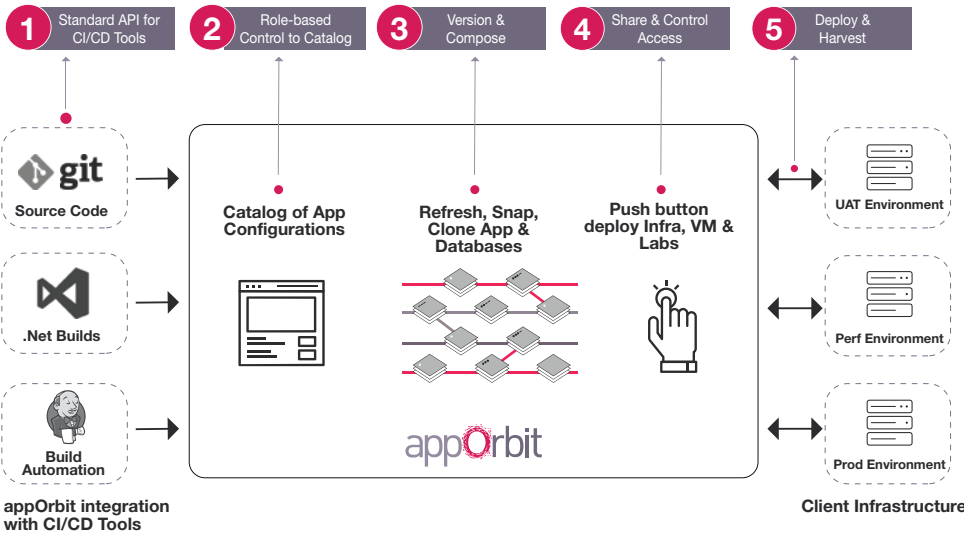
The Company’s Dev/Test environment for release management was mostly manual. They lacked parity between the QA and production environments, with QA engineers spending more time setting up and managing environments than testing. The Company also had error prone refresh cycles and needed to keep a dedicated 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
Application Build	Manual	Fully Automated
Application Deployment	Manual	Fully Automated
Lifecycle management <i>(snap, clone, delete, restore)</i>	Manual	Fully Automated
Time to Deploy & Refresh	Weeks	Minutes
Environments to Manage	Many	One
Total Cost of Ownership	\$\$\$\$\$	\$

About appOrbit

appOrbit offers an end-to-end product solution that forklifts existing applications onto a containerized DevOps platform that can be run on any cloud with security, usability and portability built in. With this solution, organizations achieve the time to market and cost benefits of modern application designs, without having to re-architect and re-platform existing applications. For more information, visit apporbit.com.



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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