

A Leading SaaS Company Automates Critical Deployment Processes with AutoRABIT ARM

## **Case Study Summary**

Our client outgrew their previous development practices and ran into error-prone, manual processes, which made deployments labor-intensive and difficult. They were able to leverage AutoRABIT's Automated Release Management (ARM) to facilitate version control and automate essential aspects of their deployment pipeline. This resulted in fewer errors, faster time to production, and a smoother application life cycle. Average deployment durations per week have decreased by 49% while maintaining an 89% deployment success rate.

## **Company Overview**

The client offers SaaS solutions to help their customers organize data in a safe, reliable manner. With more than 20 years of experience in their industry, this company is trusted to handle their clients' most sensitive data.

## The Challenge

Manual processes in unoptimized environments drastically increased the strain on our client's developers, leading to lengthy lead times and errors.

COMPLICATED DEPLOYMENTS





Salesforce change sets were extremely slow to work with, prone to significant errors, and frequently took multiple attempts if critical objects or dependencies were missed.

# **AutoRABIT's Solutions**

## INFRASTRUCTURE

Deployments were completely manual when moving them from a personal sandbox to the UAT environment, then from UAT to production.

There wasn't enough documentation for anyone to complete the release besides the original developer, slowing down the release process.

AutoRABIT's Automated Release Management (ARM) tooling has helped the client automate their complex Salesforce release process.

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#### **ب**ع **INTEGRATION WITH SOURCE** CONTROL

A solution was needed to facilitate defect research, developer accountability, and redeployment of accidentally dropped objects.

## **CONNECTING SALESFORCE** WITH GITHUB

AutoRABIT's ability to bridge the gap between Salesforce and GitHub enables developers to work in a familiar environment.



### **DEPLOYMENT AUTOMATION**

CI Jobs automates the deployment of commits between environments and allows use of a pre-production staging environment to validate deployments before the final push.



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## **The Results**

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The client was able to leverage AutoRABIT's automated tools to move away from change sets, increase visibility across their development team, and reduce error-prone manual processes.

#### 89% DEPLOYMENT SUCCESS RATE

A success rate of 89% was achieved by utilizing CI jobs and version control for deployments into Salesforce.

### REDUCED WEEKLY DEPLOYMENT TIMES BY 49%

On average, the client was able to reduce weekly deployment times by 49% through the use of strategic automation.

#### SIMPLIFICATION OF MERGING PROCESSES

Merges became streamlined as source control created a clearer change history.



### ENABLED ADMINISTRATORS THROUGH ACCESSIBLE UI

AutoRABIT ARM's streamlined interface enabled admins without previous coding experience to perform complex merges without input from the development team.



CI jobs greatly improved the speed and ease of moving changes between environments, reducing

errors and increasing speed.