

QA & CI/CD Automation

A customized portfolio of services targeted at integrating OutSystems low-code development with the latest QA and Automation approaches to meet your needs



CI/CD Automation



Performance Testing



UI Testing



Integration Testing



Unit Test



CI/CD Kick Start: \$25,000

A three-week package to kick-start your CI/CD approach on the OS platform

Week 0 – Preboarding Engagement

Week 1 – Onboarding and Setup

Week 2 – Create Test Scripts & Build CI/CD Pipeline

Week 3 – Verify and Handover

Client Architect (25%)

Lead Automation Engineer (100%)

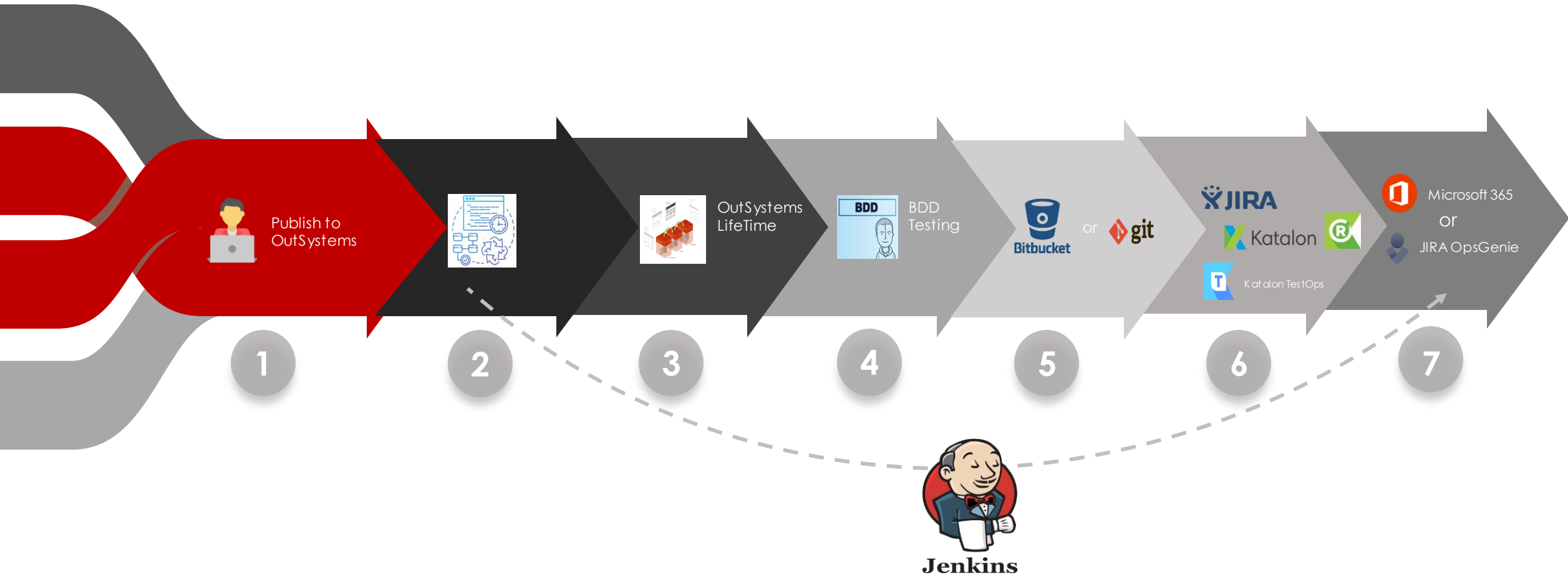
Automation Engineer (100%)

Deliverable

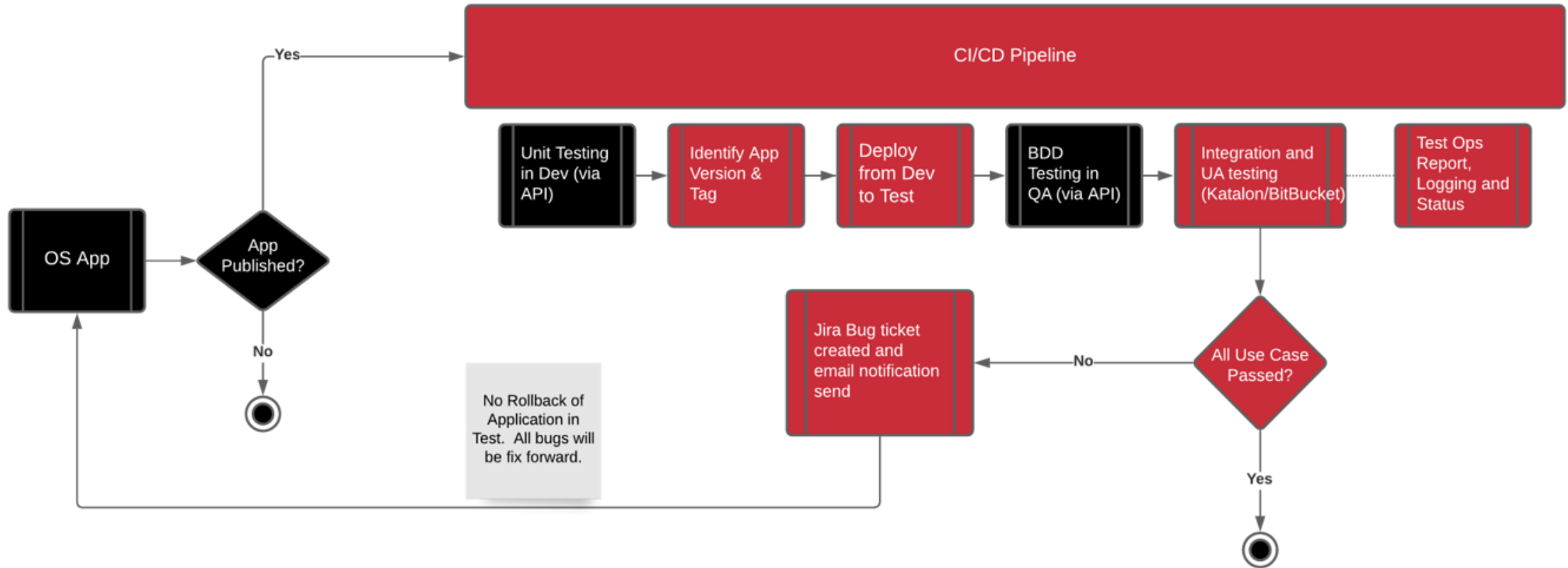
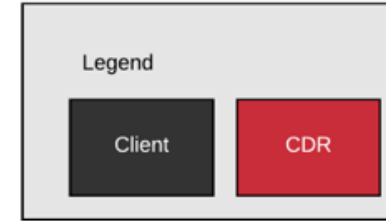
- A CI/CD Pipeline Framework for a single end user app (i.e. Jenkins, TeamCity, Azure Dev Ops etc..)
 - Up to 2 Unit test cases (i.e. BDD, API)
 - Up to 2 UI automation scripts (i.e. Selenium, Katalon)
 - Automated OutSystems deployment from Dev to QA
 - Integration into a support/ticketing system (i.e. Jira, ServiceNow)
 - Documentation

Additional services upon request

CI/CD Automation Stack



Our Process



Automation Details



OutSystems Dev Publish

Unit Testing {Dev Env}

- Rest/Soap API Regression
- Pass/Fail Scenarios

API is from Dev ENV {client provided}

Fetch OutSystems LifeTime Data

- Latest Version
- App Name

OutSystems Deployment from Dev to Test

- Conditions to be met:
- Must be the latest App Version
 - Must not have a parallel deployment plan in LifeTime

BDD Testing {Test Env}

- Testing specific scenarios, integration testing, etc.
- Pass/Fail Scenarios

API is from Test ENV {client provided}

Katalon Regression {Test Env}

- Includes fetching of latest script from Bitbucket (GitHub, etc.)
- Integrated with TestOps for regression status and reporting.
- JIRA bug ticket can be triggered, if fail status is received.
 - This includes the steps the replicate the error
- Trigger an email status from start to completion.

JMeter Load Testing

* Optional Job which can be triggered as needed for Performance and Load Testing.



Thank You!

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