Open Platform Accelerating Enterprise Transformation
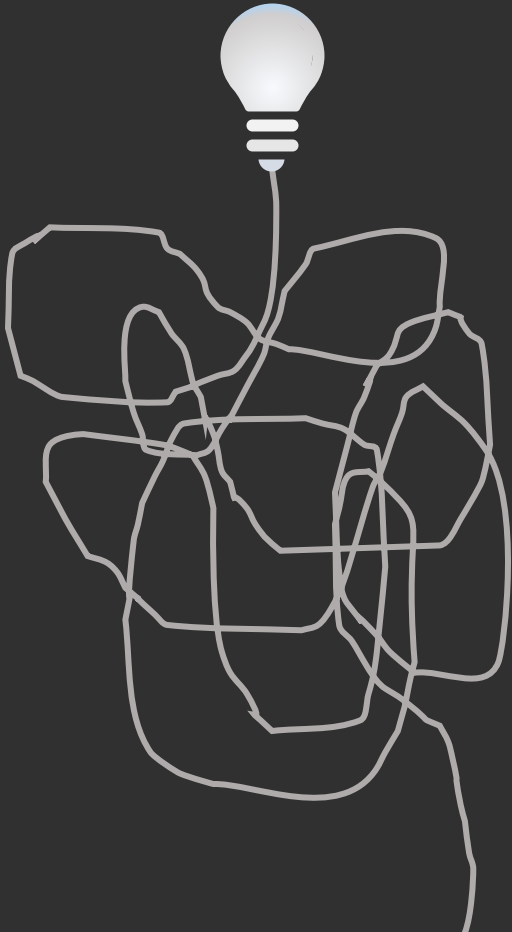
Keep it simple...

AWS Transformation @50% Time & Cost

XFormation

- Continuous Automations
- Realtime Security & Billing Audit
- Establish Continuous Delivery
- Provision APP ENCLAVE for Applications
- Provision VDMS, VDSS

APP ENCLAVE
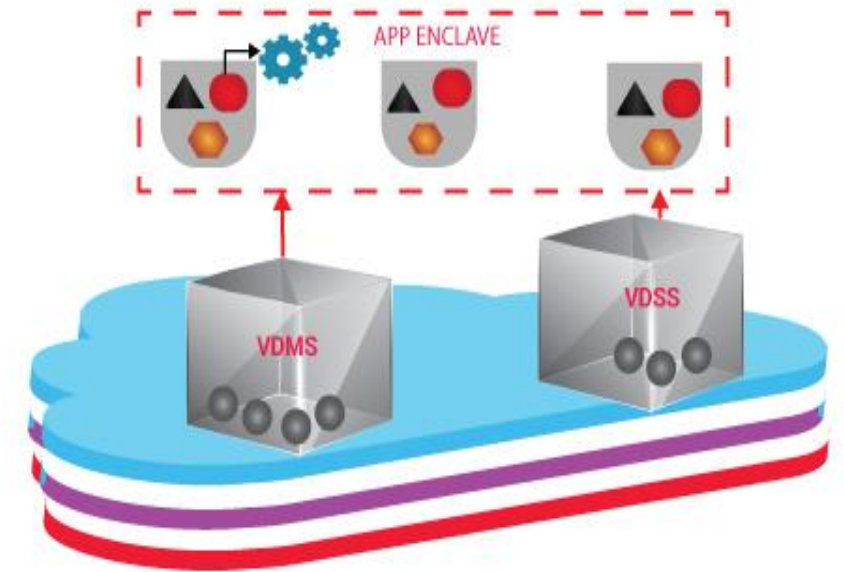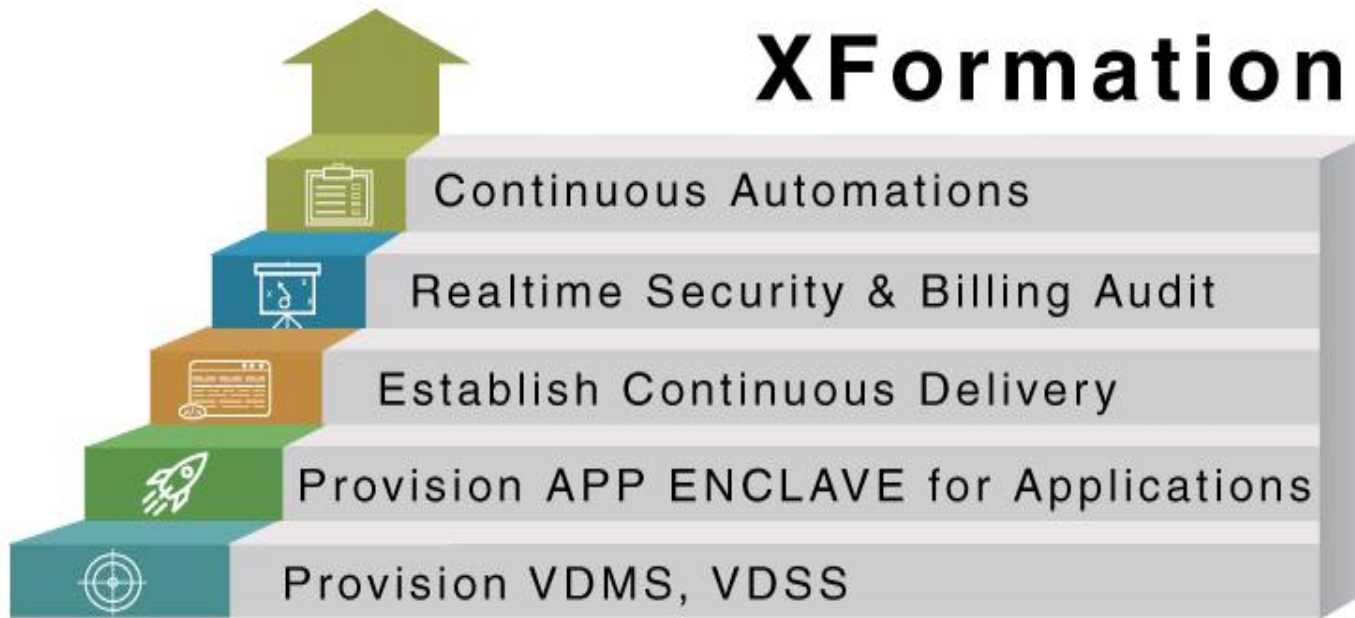
VDMS

VDSS

VDMS: AD, LDAP, SSO, OCSP, DHCP, DNS, NTP, Patch, Log Monitoring, ACAS

VDSS: Firewall, IDP/IPS, Network Flow logs

XFormation Multi Cloud SOA Orchestration

amazon web services | Microsoft Azure | Google Cloud Platform | vmware | openstack | IBM Bluemix | ..... + Clouds

Alerts	KPI	Optimizer	Diagnostic	Relocator
Cloud Provisioning	Resource Pooling	Service Lake	Continuous Delivery	OSS	Audit	Billing
SaaS Architecture	Multi Cloud	Security	Auto Upgrades	Integration	API

Specialties

BEST RESULT IS OUR PURPOSE

01/ INFRA AS CODE

Everything Software Defined, Create/Change/Manage infrastructure through pure code across clouds.

02/ CONTAINERIZATION/SERVERLESS

We firmly believe that customers will adopt the flexibility of developing containerized and serverless microservices across cloud and geographies.
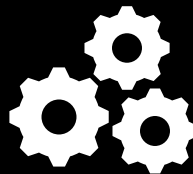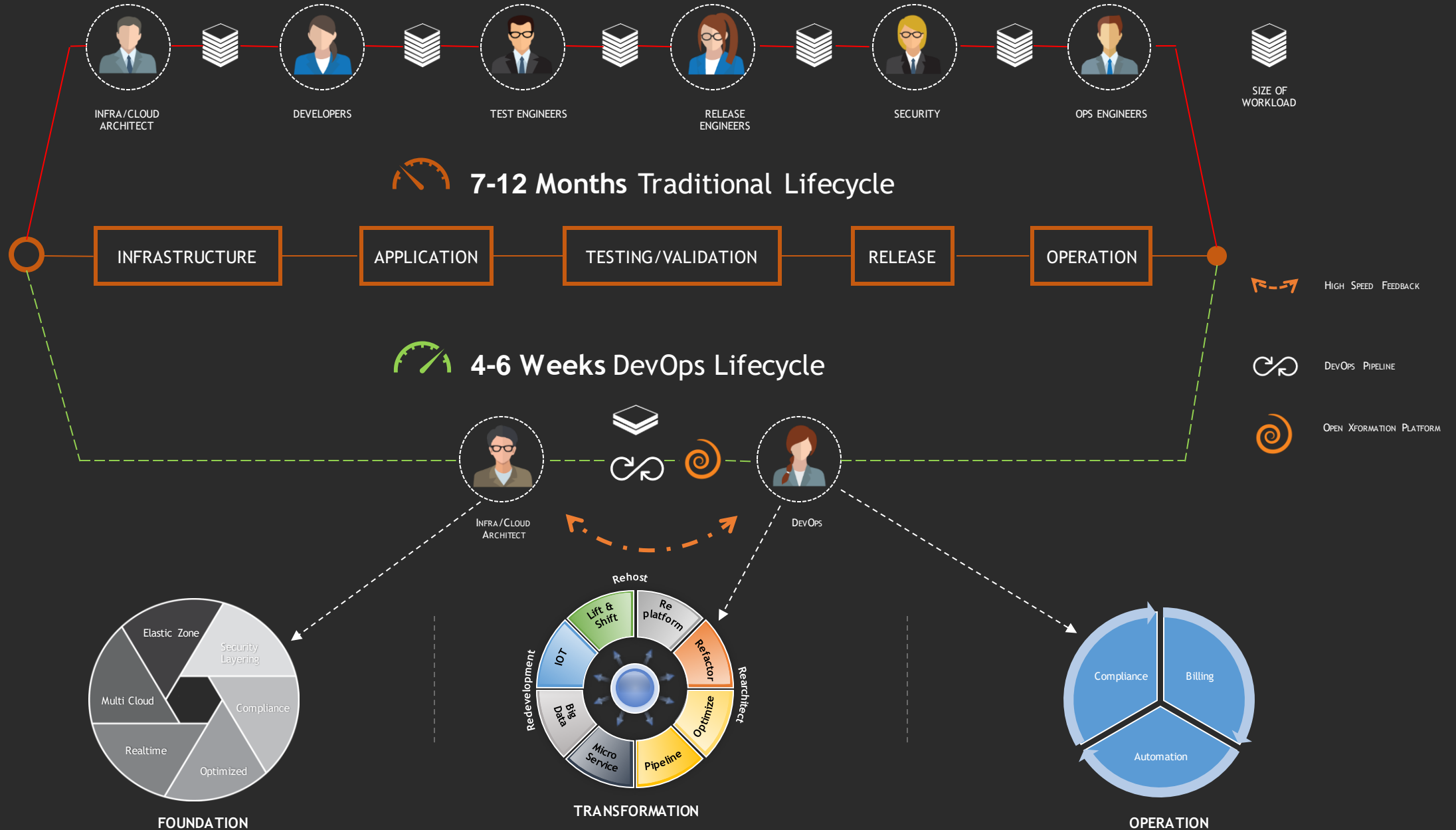
04/ CONTINOUS DELIVERY & AUTOMATION

We help customers to establish the delivery pipelines of container/bigdata/ IOT application and provide them with Realtime insights on their application delivery.

03/ RAPID DEVELOPMENT

We develop Microservices, Bigdata, IOT applications based on proven frameworks.

01

02

03

04

Cultural Transformation

INFRA/CLOUD ARCHITECT

DEVELOPERS

TEST ENGINEERS

RELEASE ENGINEERS

SECURITY

OPS ENGINEERS

SIZE OF WORKLOAD

7-12 Months Traditional Lifecycle

| INFRASTRUCTURE | APPLICATION | TESTING/VALIDATION | RELEASE | OPERATION |

HIGH SPEED FEEDBACK

4-6 Weeks DevOps Lifecycle

DEVOPS PIPELINE

OPEN XFORMATION PLATFORM

INFRA/CLOUD ARCHITECT

DevOps

FOUNDATION

Elastic Zone

Security Layering

Multi Cloud

Compliance

Realtime

Optimized

TRANSFORMATION

Rehost

Lift & Shift

Re platform

IOT

Refactor

Redevelopment

Big Data

Rearchitect

Micro Service

Pipeline

Optimize

OPERATION

Compliance

Billing

Automation

Simplify

Create Bucket

Application
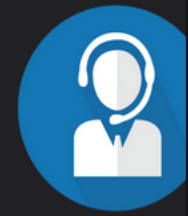
Buckets

AWS

AZURE

GCP

Drop Application

CRM

Hospital Management System

Hotel Management System

E-Commerse

Service Desk

📖 Docs | 💬 Community

Software Defined

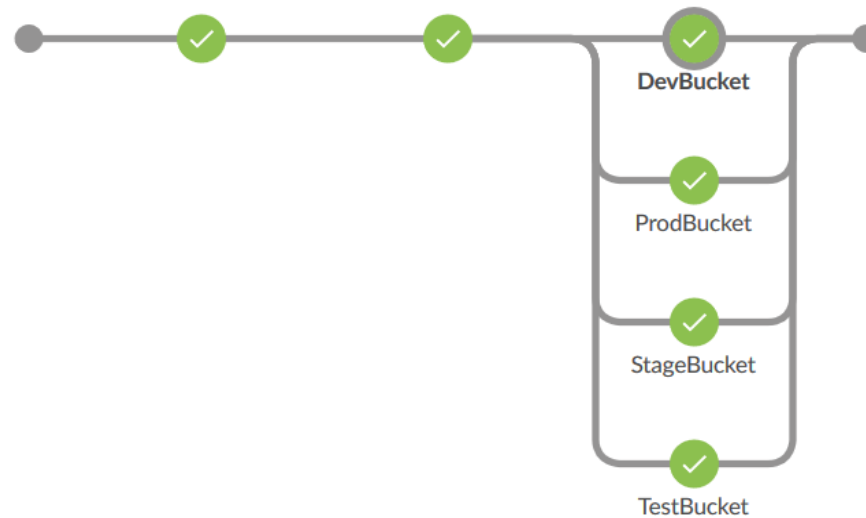**Pipeline**   Changes   Tests   Artifacts   Login   ✕

Branch: —   ⊘ 35m 36s   No changes
Commit: —   🕐 4 months ago   Started by user papu

DevBucket

ProdBucket

StageBucket

TestBucket

Steps DevBucket

✓ ⌄ sceptre --dir threetierdb launch-env dev   — Shell Script   34m 33s

```
1    [backbonesetup] Running shell script
2    + sceptre --dir threetierdb launch-env dev
3    [2018-01-29 04:21:47] - sceptre.stack - dev/backbone - Launching stack
4    [2018-01-29 04:21:48] - sceptre.stack - dev/backbone - Stack is in the PENDING state
```

4:00 PM

Continuous Delivery

Branch: —   ⊘ 2m 34s   No changes
Commit: —   ⏱ 2 months ago   Started by user papu

Start   WSClean   Checkout   HashCalc   build   **PreQualityChecks**   SonarQube Quality Gate   CreateImage   LocalTest   PublishImage   DevDeploy   TestDeploy   ATP   StageDeploy   ApproveForProd   ProdDeploy   End

CodeQualityTest
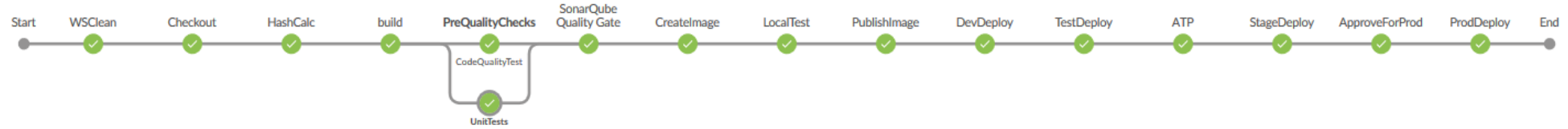
UnitTests

Steps UnitTests

✓ ∨ Shell Script   17s

```
1    [crossover] Running shell script
2    + /var/jenkins_home/tools/hudson.tasks.Maven_MavenInstallation/maven3/bin/mvn surefire-report:report
3    [INFO] Scanning for projects...
4    [WARNING]
5    [WARNING] Some problems were encountered while building the effective model for com.crossover.trial:journals:jar:1.0
6    [WARNING] 'build.plugins.plugin.version' for org.springframework.boot:spring-boot-maven-plugin is missing. @ line 89, column 21
7    [WARNING]
8    [WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
9    [WARNING]
10   [WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
11   [WARNING]
12   [INFO]
13   [INFO] ------------------------------------------------------------------------
14   [INFO] Building journals 1.0
15   [INFO] ------------------------------------------------------------------------
16   [INFO]
17   [INFO] >>> maven-surefire-report-plugin:2.20.1:report (default-cli) > [surefire]test @ journals >>>
18   [INFO]
19   [INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ journals ---
20   [WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
21   [INFO] Copying 12 resources
22   [INFO]
23   [INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ journals ---
24   [INFO] Nothing to compile - all classes are up to date
25   [INFO]
26   [INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ journals ---
27   [WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
28   [INFO] skip non existing resourceDirectory /var/jenkins_home/workspace/sampletieredapptest/jenkin/services/crossover/src/test/resources
29   [INFO]
30   [INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ journals ---
31   [INFO] Nothing to compile - all classes are up to date
32   [INFO]
33   [INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ journals ---
34   [INFO] Surefire report directory: /var/jenkins_home/workspace/sampletieredapptest/jenkin/services/crossover/target/surefire-reports
35
36   -------------------------------------------------------
37    T E S T S
38   -------------------------------------------------------
39   Running com.crossover.trial.journals.rest.JournalServiceTest
40   12:25:31.103 [main] DEBUG o.s.t.c.j.SpringJUnit4ClassRunner - SpringJUnit4ClassRunner constructor called with [class com.crossover.trial.journals.rest.JournalServiceTest]
41   12:25:31.111 [main] DEBUG o.s.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate]
42   12:25:31.116 [main] DEBUG o.s.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.support.DefaultBootstrapContext(java.lang.Class,org.springframework.test.context.CacheAwareContextLoaderDelegate)]
43   12:25:31.131 [main] DEBUG o.s.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [com.crossover.trial.journals.rest.JournalServiceTest] from class [org.springframework.test.context.web.WebTestContextBootstrapper]
44   12:25:31.153 [main] DEBUG o.s.t.c.w.WebTestContextBootstrapper - Found explicit ContextLoader class [org.springframework.boot.test.SpringApplicationContextLoader] for context configuration attributes [ContextConfigurationAttributes@1dfe2924 declaringClass = 'com.crossover.trial.journals.rest.JournalServiceTest', classes = '{class com.crossover.trial.journals.Application}', locations = '{}', inheritLocations = true, initializers = '{}', inheritInitializers = true, name = [null], contextLoaderClass = 'org.springframework.boot.test.SpringApplicationContextLoader']
```

Operation Central
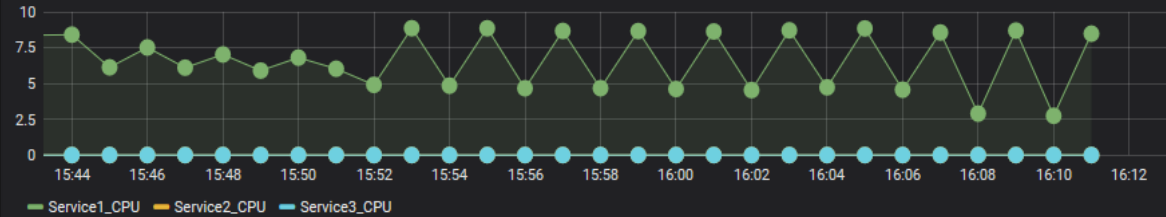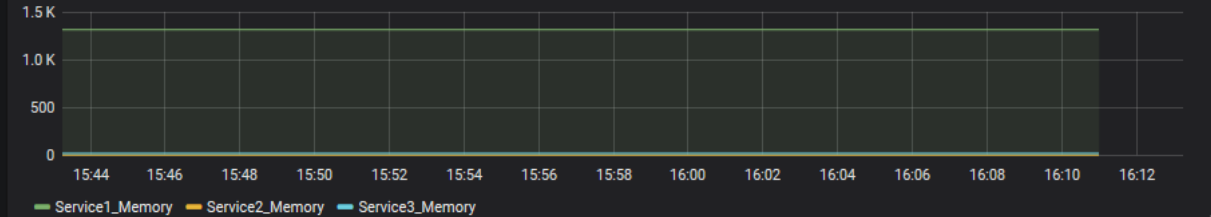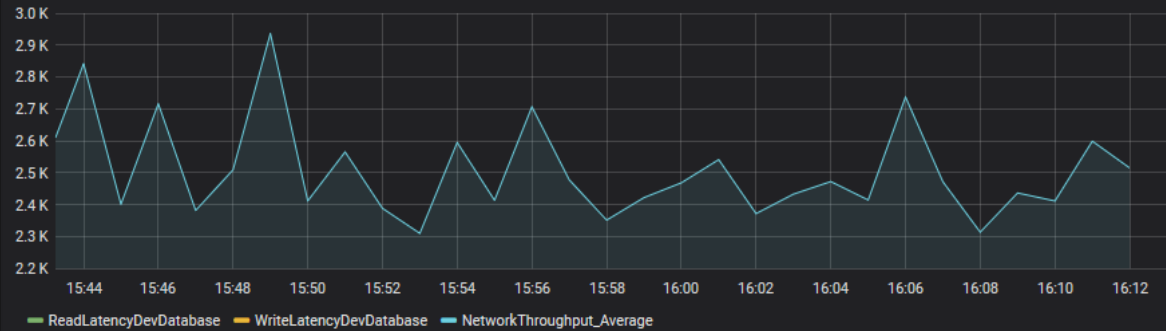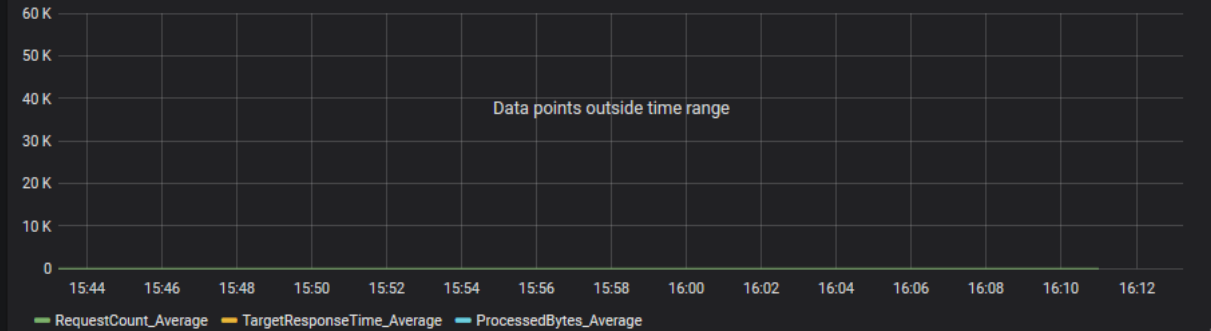
Service Quality Central
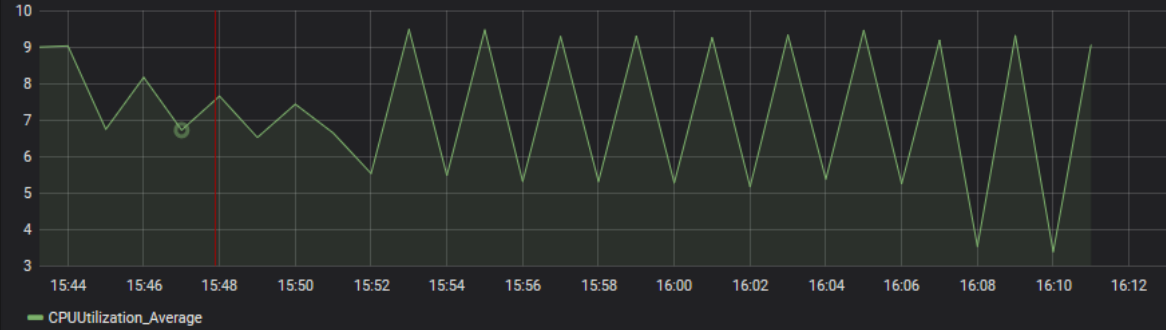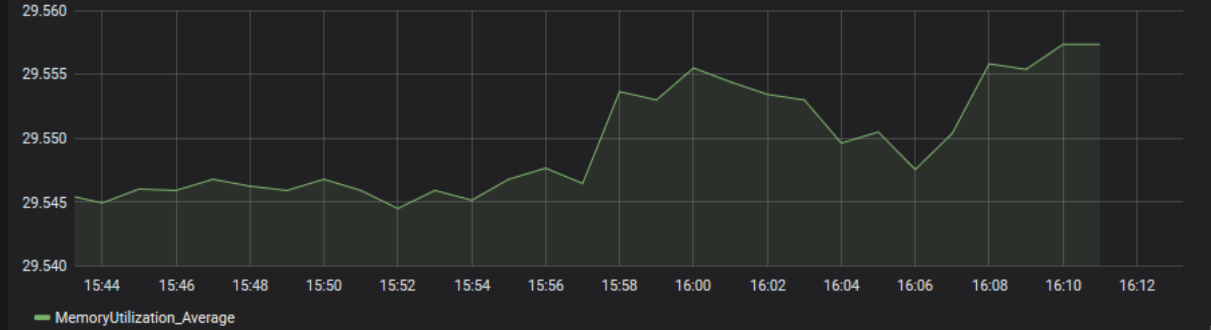
ⓘ Report generated 01-11-2017 12:35

Test Results: All Tests

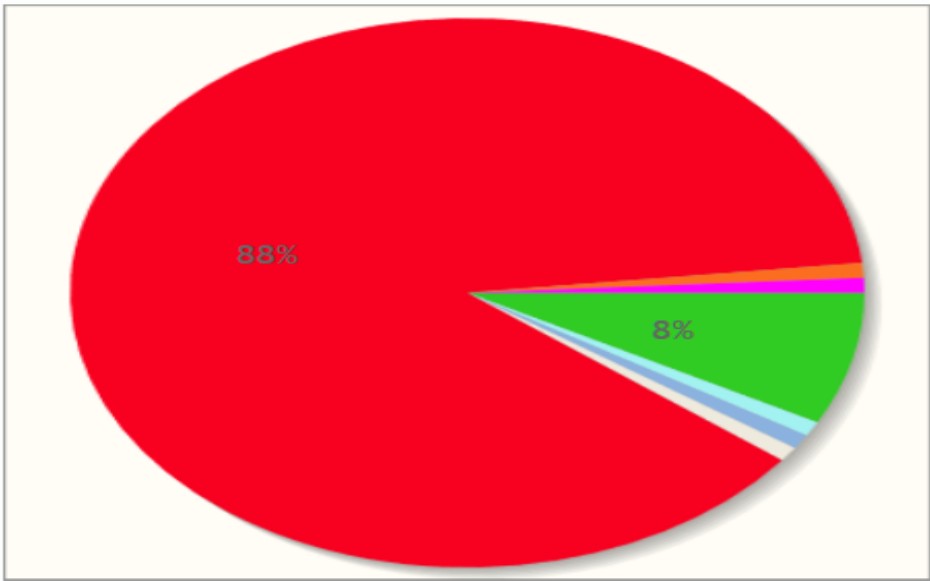### 16 test scenarios (115 tests in all, including 100 rows of test data)

| 9 passed | 2 pending | 3 unsuccessful (2 failed , 1 with errors) | 1 compromised tests | 1 ignored | ⬇

Test Count   Weighted Tests

Distribution of tests (including rows in data-driven tests) by test result.　　　　Show/Hide Pie Chart

88%

8%

Test Result Summary

Test Type	Total	Pass	Fail	Pending	Ignore/Skip
Automated	114	9 (8%)	103 (90%)	1 (1%)	1 (1%)
Manual	1	0 (0%)	0 (0%)	1 (100%)	0 (0%)
Total	115	9 (8%)	103 (90%)	2 (2%)	1 (1%)
Total Duration	11 seconds				

Related Tags　　　　　　　　　　% Passed　　　　Test count

External Tests

| Manual | 0% | 1 |

Features

| Studentsinfo | 7.8% | 115 |

Stories

Create Students Data Driven Test	0%	100
First Serenity Test	25%	8
Students CRUD Test	100%	4
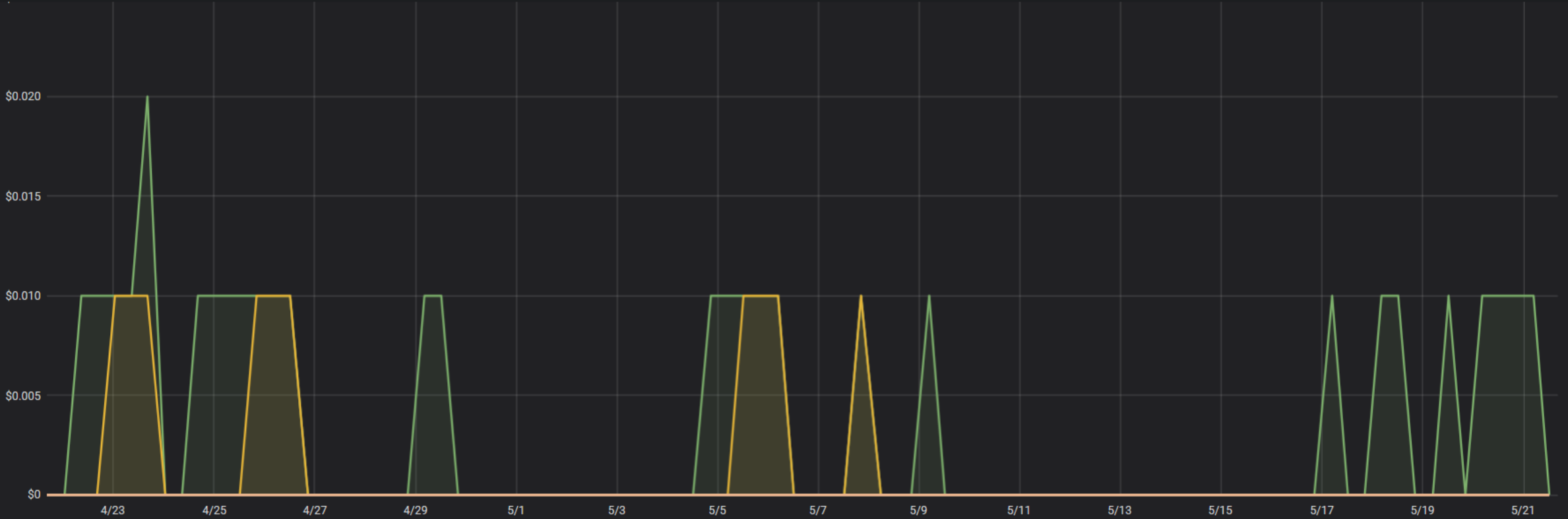
■ Passing   ■ Pending   ■ Pending (manual)   ■ Ignored/Skipped
■ Failing   ■ Errors   ■ Compromised
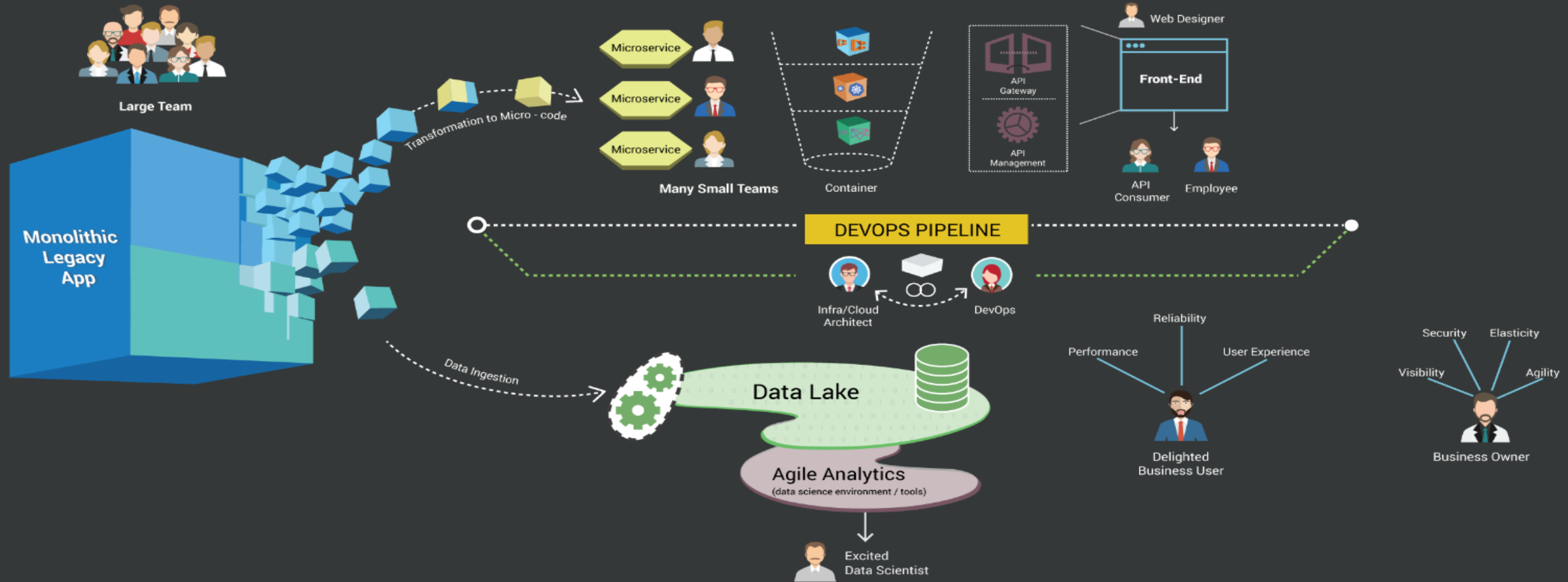
Billing Central
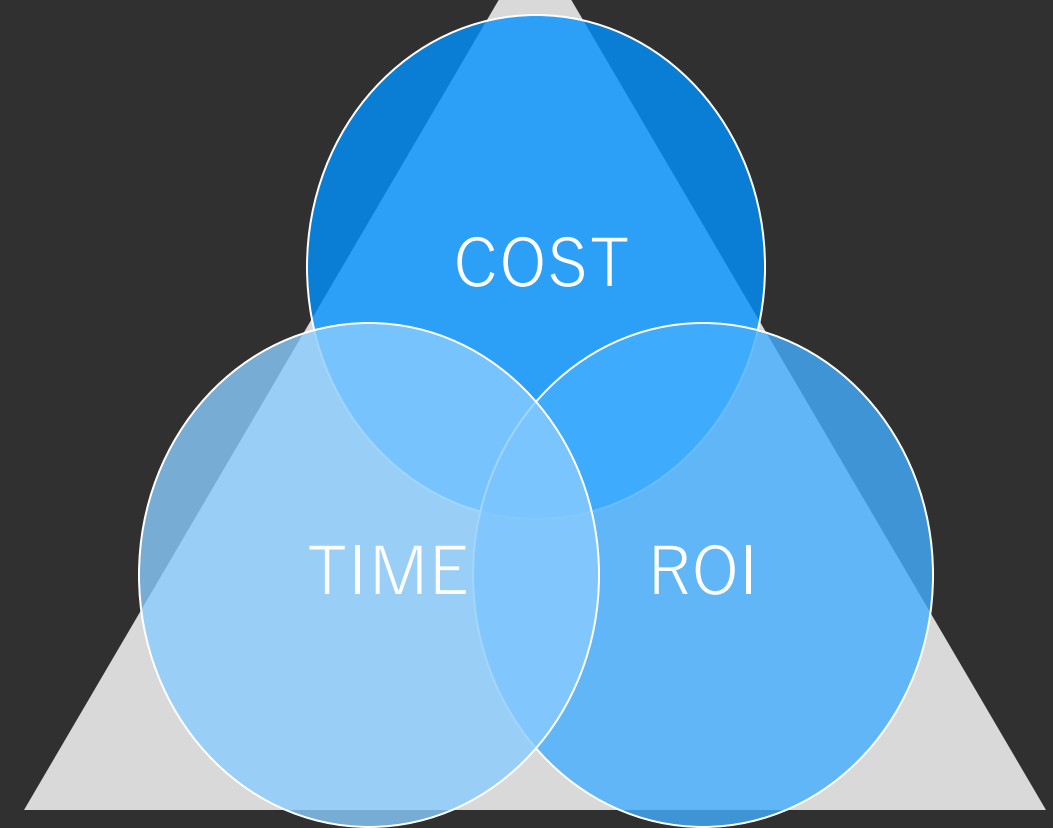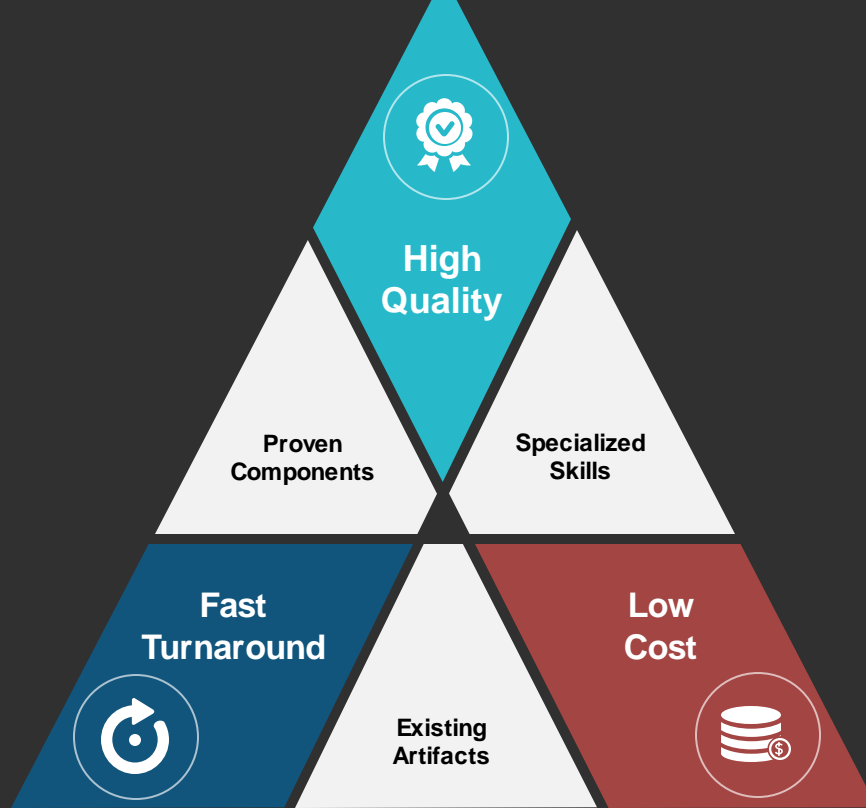
Architecture

SOA Apps in AWS
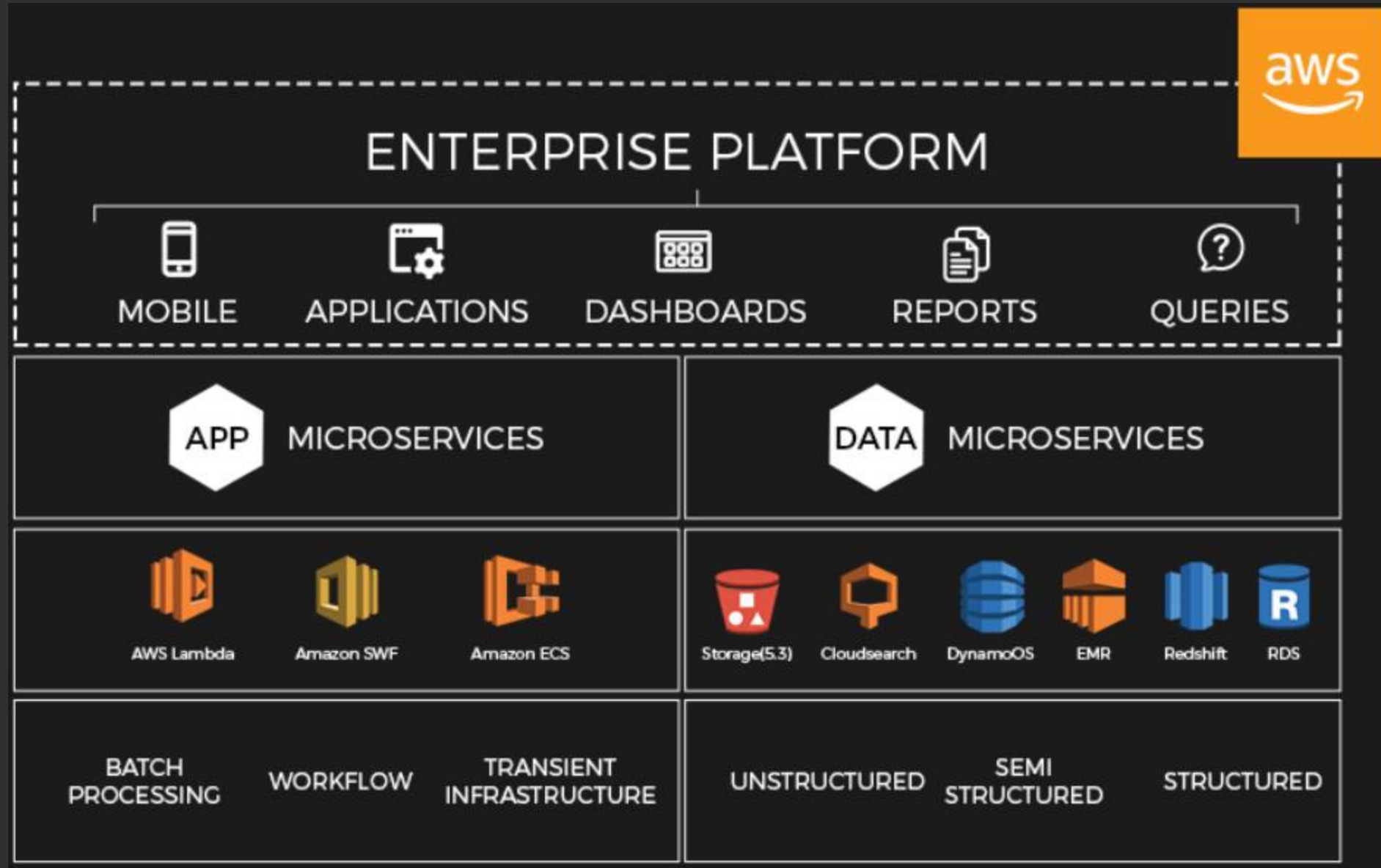
Legacy Transformation

Accelerate High performance, reliable application delivery using microservices across clouds.

More business values from easily manageable data.

ROI

Quality	Time	Cost	ROI
Horizontal Scalability 5 9's Reliability Layered security Governance Compliant 100% Performance SLA Reduced MTTR	50% reduced Dev and Transformation Effort	>90% HW Utilization 100% License Free 70% reduced Operation	**10X Agility, 30X Reliability, 10X Operational Efficiency, TCO Reduction 50% (80% Operation, 50% Hardware, 100% License Cost Saving)**

Why Us?

SOME KEY DIFFERENTIATOR

Expertise

As IT changes so the resource requirement. We understand the minimal requirement and designed only 2 Types of resources 1) Cloud Architect 2) DevOps

Specialized Resource

Experience

We have done large transformation projects with Toyota, Reliance and addressed the technology and cultural challenges effectively and brought the changes, resulting significant improvement and savings

Large Transformations

Contribution

We are continuously contributing open XFormation platform that is accelerating the transformation @50% Time & Cost.

Open Source Contribution

/The clients

SOME OF OUR CLIENTS