

FORD OTOSAN

DRIVE THE FUTURE



Agenda

Introduction

Ford Otosan at a Glance

Platform5 Scope

Ford Otosan OpenShift Clusters

Ford Otosan DevSecOps

Red Hat Products

OpenShift Standards

Questions & Comments

Introduction



Çağıl Yılmaz

12 years in Ford Otosan
Platform Yönetim Lideri

Gözde Çelebi

8 Years in Ford Otosan
Bulut ve Platform Yönetimi Takım Üyesi

FORD OTOSAN

FORD OTOSAN

FORD OTOSAN at a Glance

1959

64 Years of Partnership
with Ford

5

Factories

1700

R&D Engineers

41%

Ford Motor Company

41%

Koç Holding A.Ş.

18%

Free Float

FORD OTOSAN

FORD OTOSAN at a Glance

OUR FIRSTS

1961

First Private R&D Center
in Automotive

1986

Turkey's First
Diesel Engine

1966

First Domestic Passenger Car
"Anadol"

2009

First Automotive
Export to the USA

2013

First Automotive Technology
Export to China

2021

Turkey's "first and
only domestic gearbox



FORD OTOSAN at a Glance



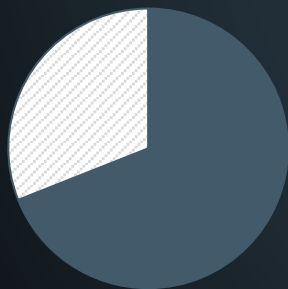
28%

of Turkey's
Total automotive
production



34%

of Turkey's
Commercial vehicle
sales



69%

of Turkey's
Commercial vehicle
production



75%

of Turkey's
Commercial vehicle
exports

FORD OTOSAN at a Glance

Gölcük



Yeniköy

Eskişehir



Craiova

FORD OTOSAN at a Glance

Research & Development Center



FORD OTOSAN OPENS SHIFT



Platform5



Platform5 SCOPE

Big Data

Rancher

DB

NTP

DNS

Control-m

ELK

Linux

PD APP

OpenShift

Redis

Radius

Appdynamics

Otonom

AI/ML

Görüntü İşleme

IBM MQ

PDM

FORD OTOSAN

Introduction



Çağıl Yılmaz

12 years in Ford Otosan
Platform Yönetim Lideri

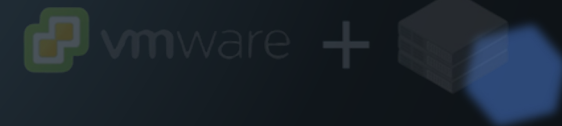
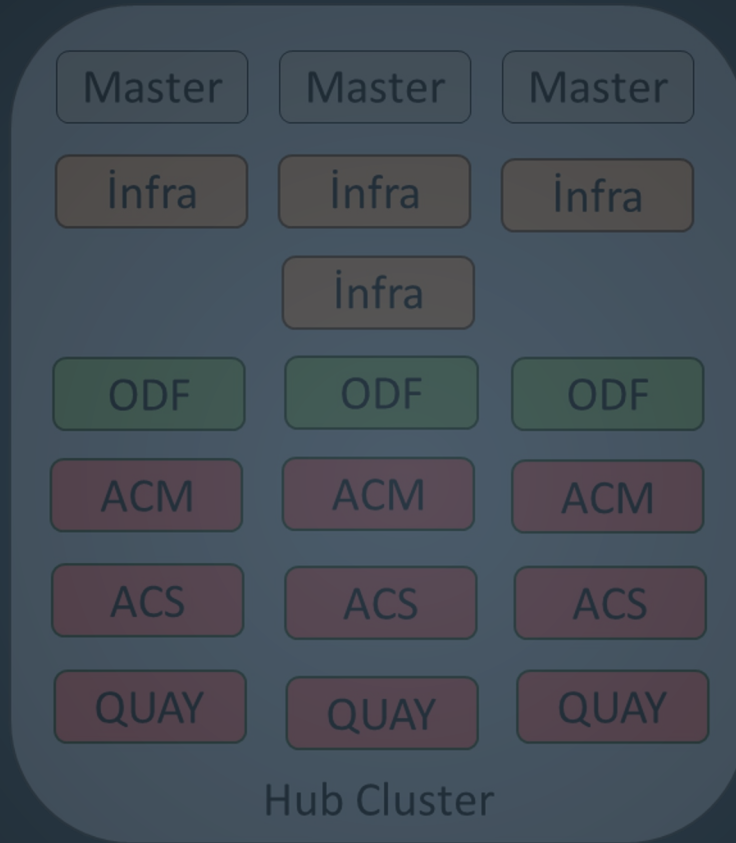
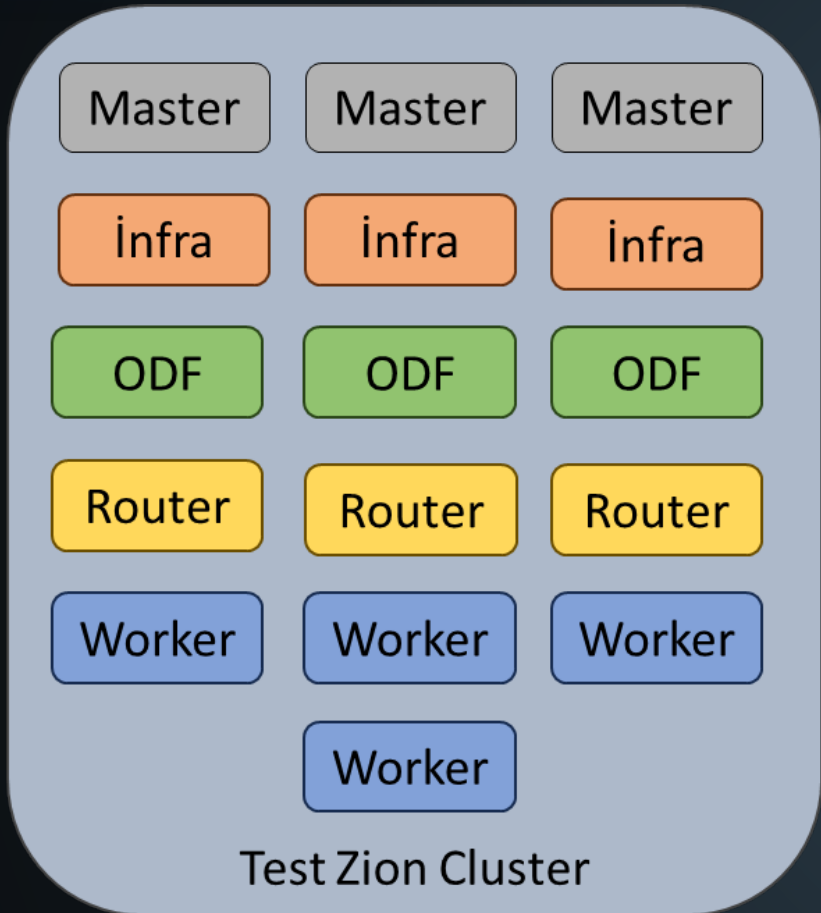
Gözde Çelebi

8 Years in Ford Otosan
Bulut ve Platform Yönetimi Takım Üyesi

FORD OTOSAN

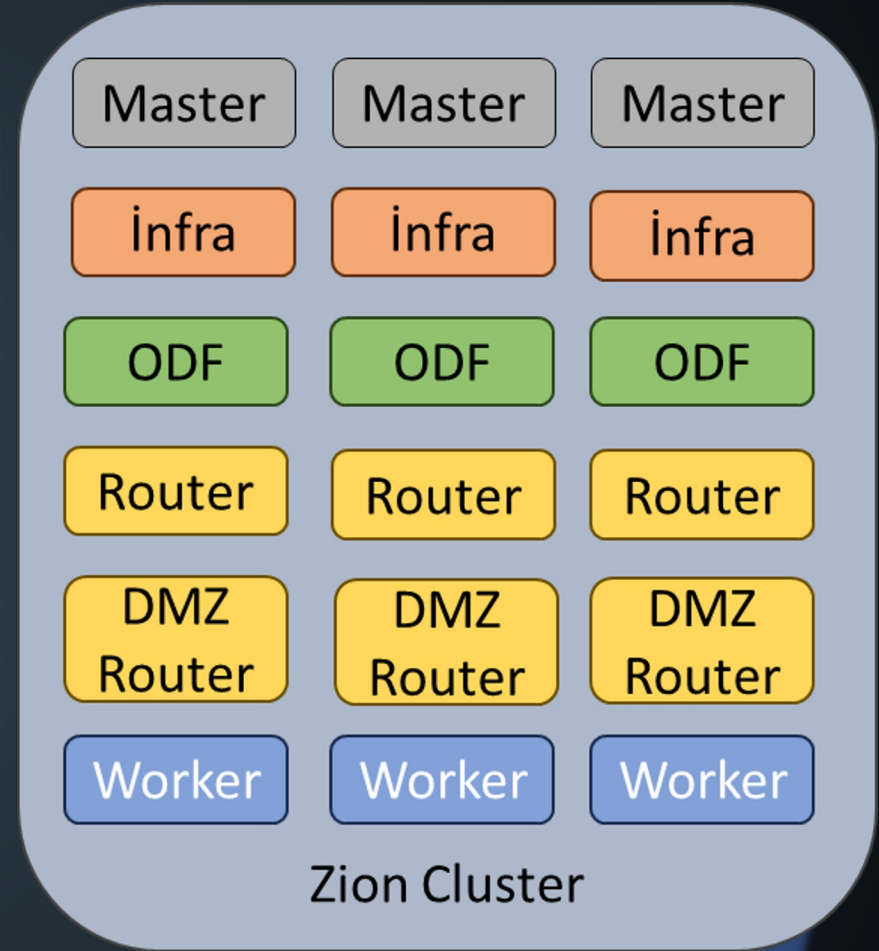
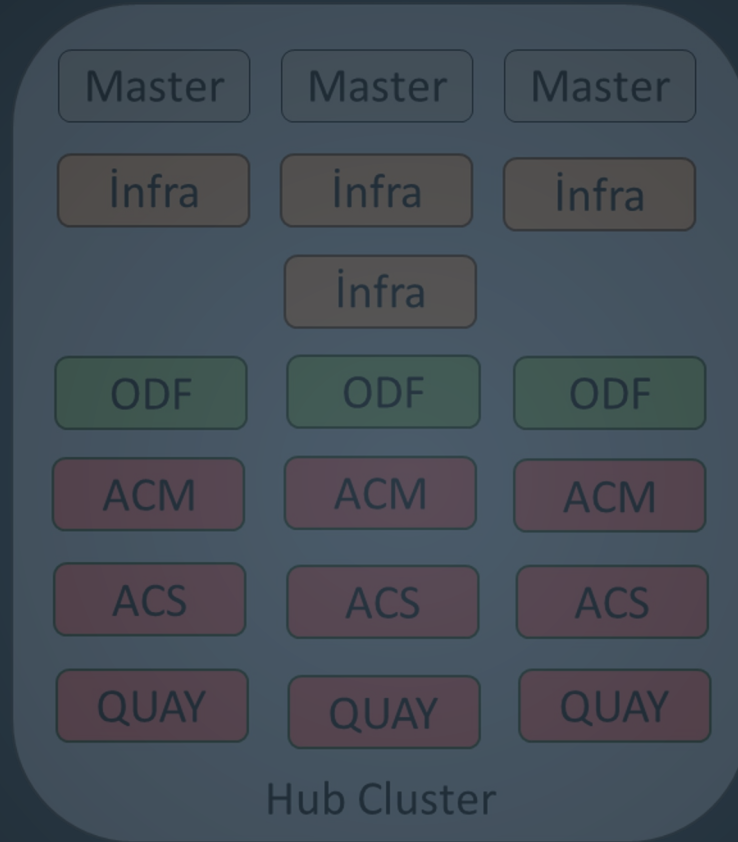


Platform5 Clusters



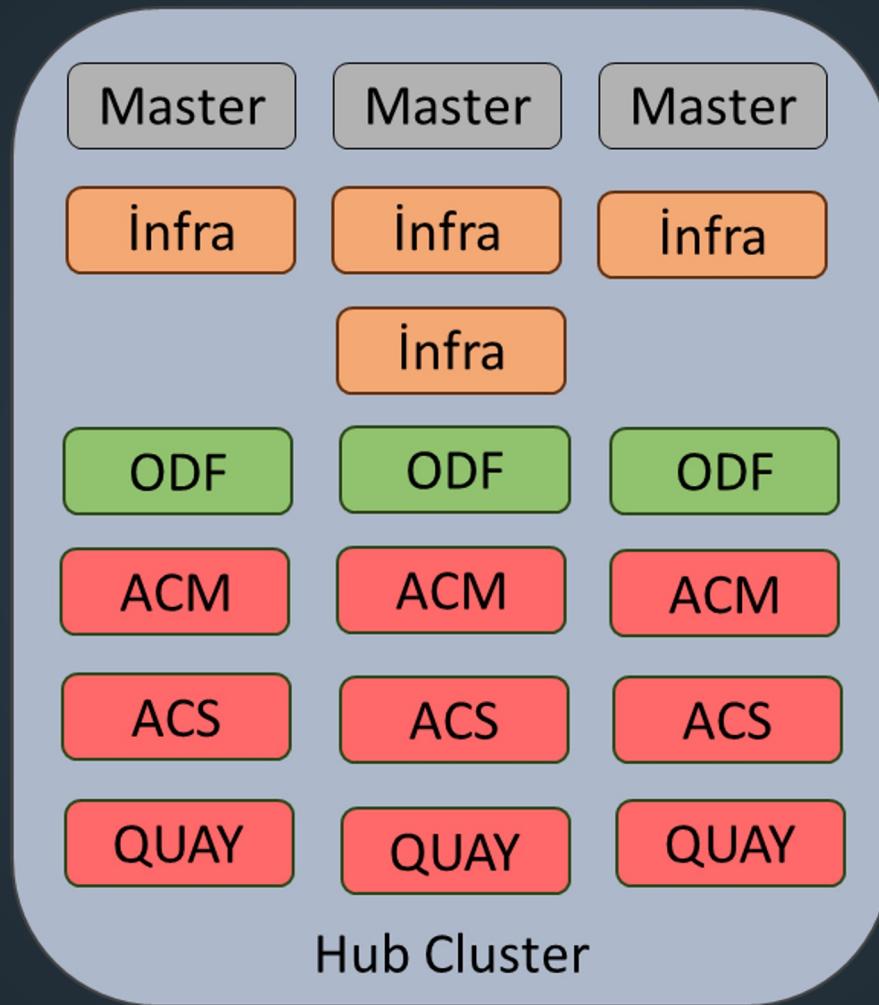


Platform5 Clusters





Platform5 Clusters

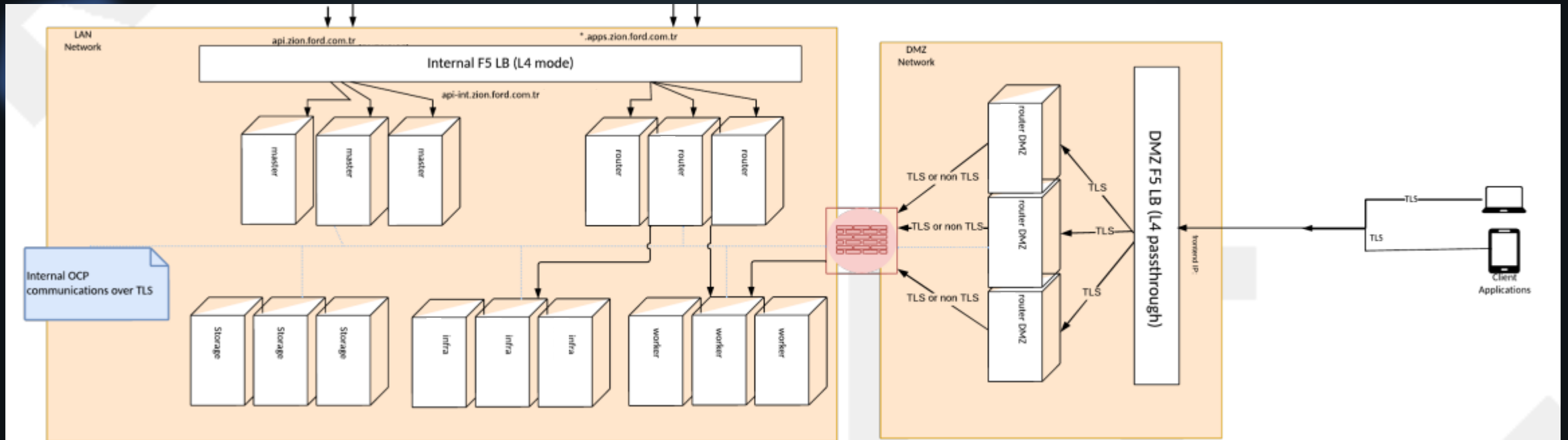


FORD OTOSAN



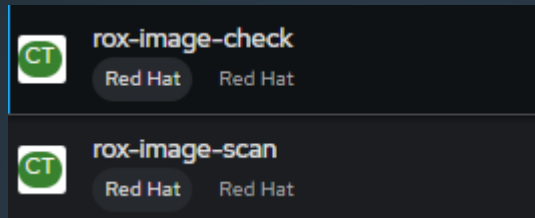


Platform5 Clusters





Platform5 DevSecOps & IAC

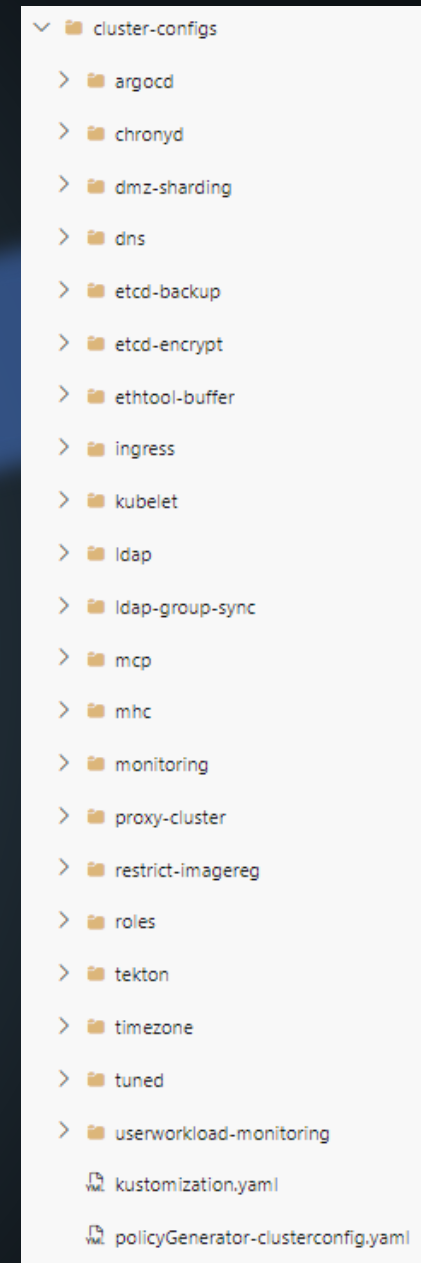
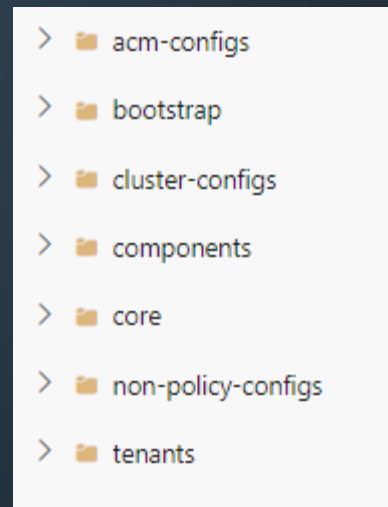


~~Critical High~~



git

- OpenShift Platform
- OpenShift DevOps
- App Code
- App Manifest





Platform5 Red Hat Products



Red Hat
OpenShift
Data Foundation



Red Hat
Quay



Red Hat
Advanced Cluster
Security
for Kubernetes



Red Hat
Advanced Cluster
Management
for Kubernetes



Platform5 Red Hat Products



Red Hat
OpenShift
Data Foundation



Red Hat
Quay



Red Hat
Advanced Cluster
Security
for Kubernetes



Red Hat
Advanced Cluster
Management
for Kubernetes



Platform5 Red Hat Products



Red Hat
OpenShift
Data Foundation



Red Hat
Quay



Red Hat
Advanced Cluster
Security
for Kubernetes



Red Hat
Advanced Cluster
Management
for Kubernetes



Platform5 Red Hat Products



Red Hat
OpenShift
Data Foundation



Red Hat
Quay



Red Hat
Advanced Cluster
Security
for Kubernetes



Red Hat
Advanced Cluster
Management
for Kubernetes



Platform5 OpenShift Standards

Project

RollingUpdate

Admin-View

ReplicaSet min

NetPol

Anyuid

```
affinity:
  podAntiAffinity:
    requiredDuringSchedulingIgnoredDuringExecution:
      - labelSelector:
          matchExpressions:
            - key: io.kompose.service
              operator: In
              values:
                - x.ford.com.tr
        topologyKey: kubernetes.io/hostname
```

Ceph-rbd RWO

MachineSet

Readiness-Liveness Probe

HorizontalPodAutoscalers

FORD OTOSAN

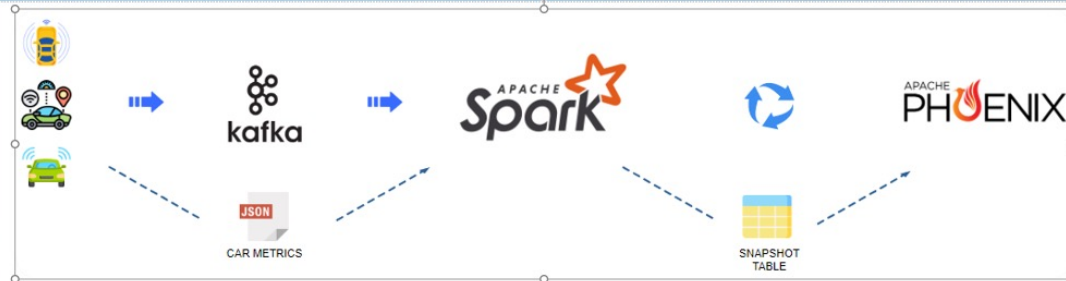


Connectivity
Blockchain



Platform5 Connectivity

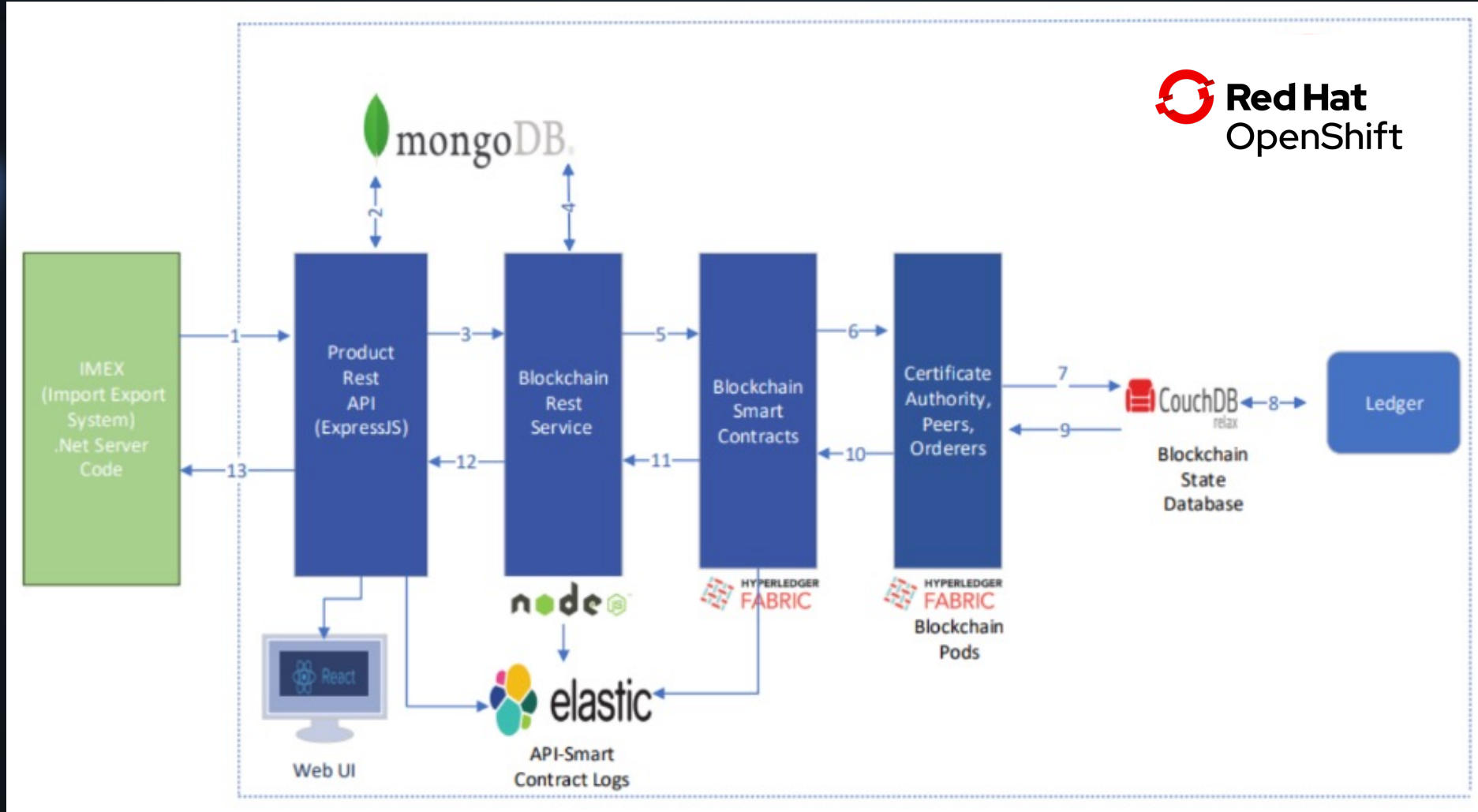
Connectivity



- Recommendations
- Upselling / cross-selling
- Product Development
- Data Monetization
- Crash Report
- Broadcast Notification
- Identity management
- Fleet Management
- Remote Diagnostic
- Parking
- Fuel consumption
- Insurance
- Vehicle-to-Vehicle communication (V2V)
- Vehicle-to-Person communication (V2P)
- Vehicle-to-Infrastructure communication (V2I)
- Vehicle-to-Internet (Cloud) (Telematics)



Platform5 Blockchain



FORD OTOSAN

Any Question?

Thank You!



Platform5

cyilmaz8@ford.com.tr

gkomurcu@ford.com.tr