

**RED HAT FORUMS**

# From Cloud to Edge | Scale with Couchbase & Red Hat OpenShift

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Founder & CEO, MOLO17

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# Couchbase - Company Snapshot

**Best of NoSQL:** Cloud-native geo-distributed JSON document-oriented database & key-value store

## Who We Are

Created 2011

\$150M+ funded

ACCEL  
PARTNERS

Mayfield ignition

NORTH BRIDGE  
venture partners

ADAMS STREET  
PARTNERS

WESTSUMMIT CAPITAL

SORENSEN  
CAPITAL

## What We Do

- The platform that accelerates application innovation
- Combining the best of NoSQL with the power and familiarity of SQL – all in a single, elegant platform spanning from any cloud to the edge
- Subscription-based enterprise software company architected on top of an open source foundation

## Key Locations

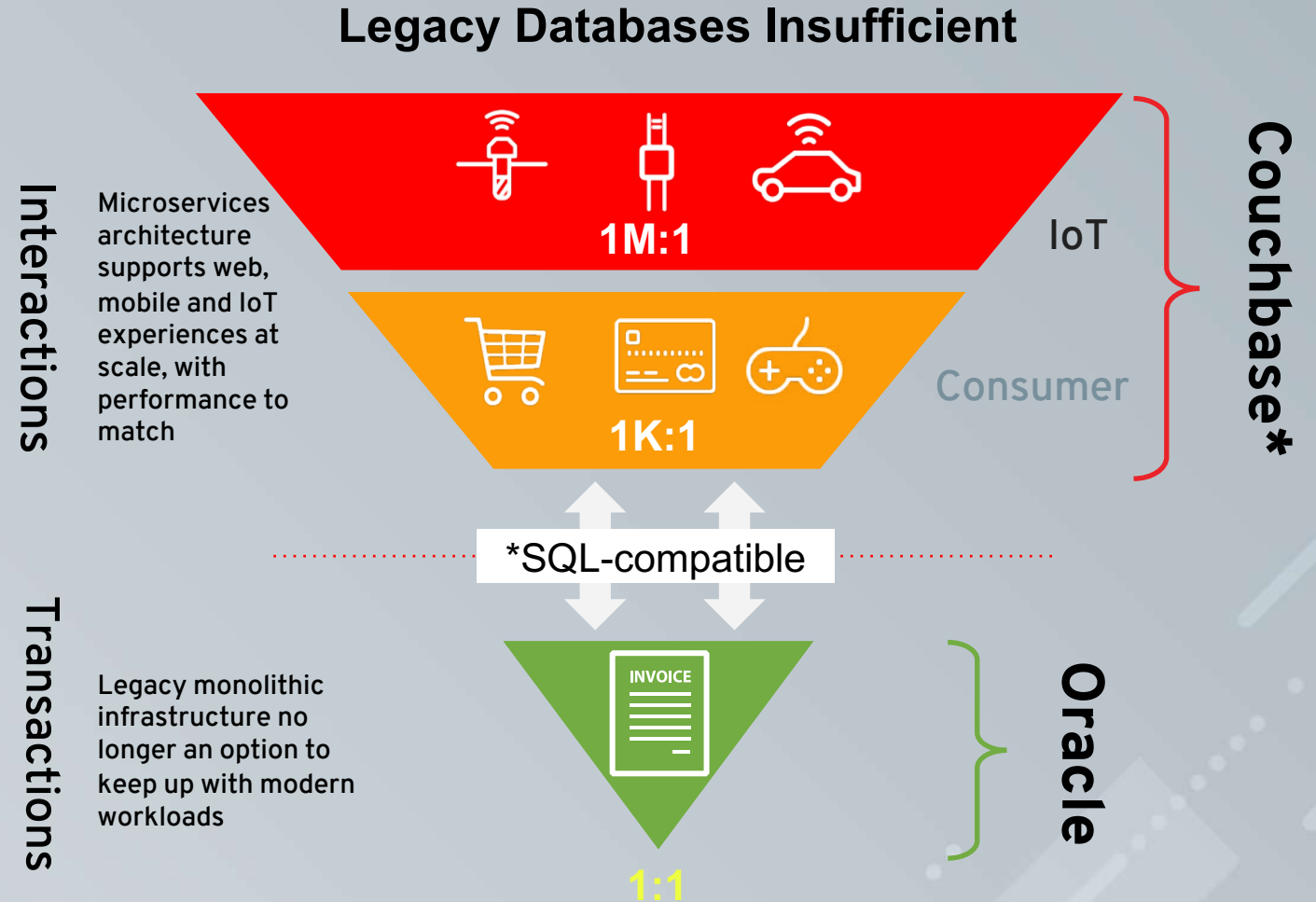
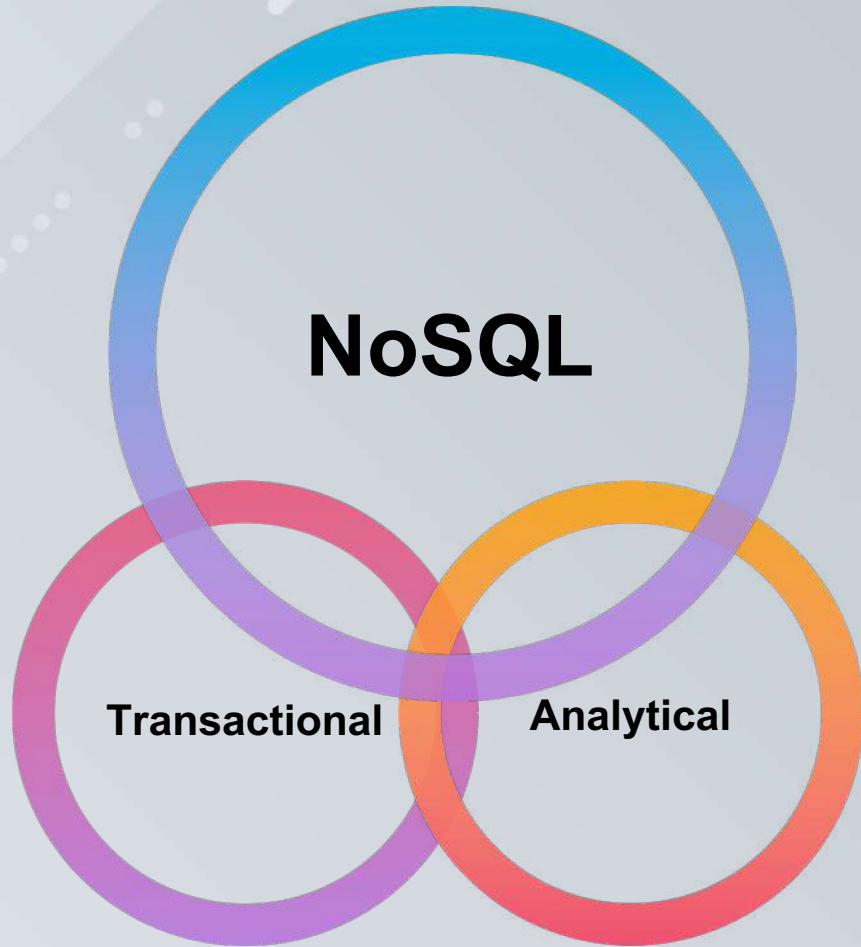
- **Headquarters:** Santa Clara, CA
- **Offices:** San Francisco, London, Manchester, Bangalore
- **Sales Hubs:** US (various locations), UK, France, Germany, Spain, Italy, Sweden, Israel, Australia
- **Headcount:** 400+

## Customers

PayPal LinkedIn AT&T amadeus

ebay TESCO AMERICAN EXPRESS UNITED

# NoSQL adoption is growing

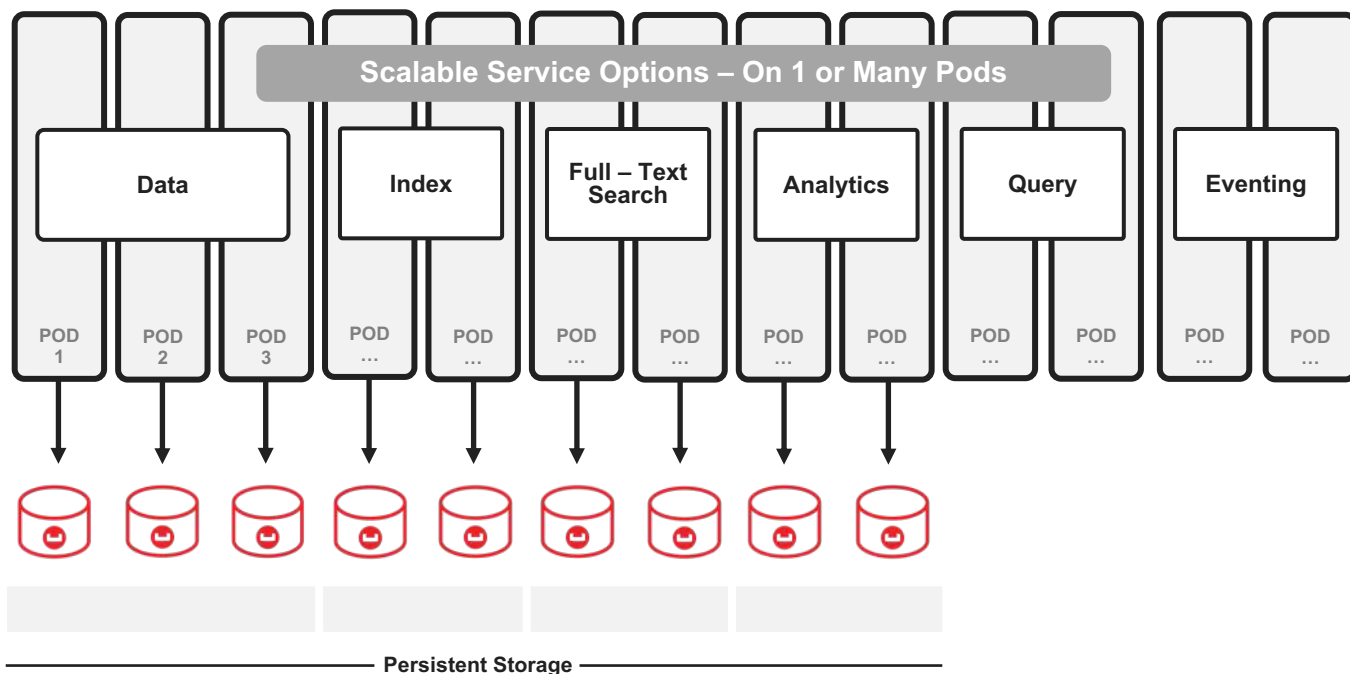


# Autonomous Operator Architecture

Namespace: User-Defined

## Couchbase Cluster

Scalable Service Options – On 1 or Many Pods



## Couchbase Autonomous Operator



### Controls

Services

Pods

Volumes

Red Hat  
OpenShift

Master



Namespace:  
Kube-System

Controller Manager  
Server

Couchbase  
Configuration

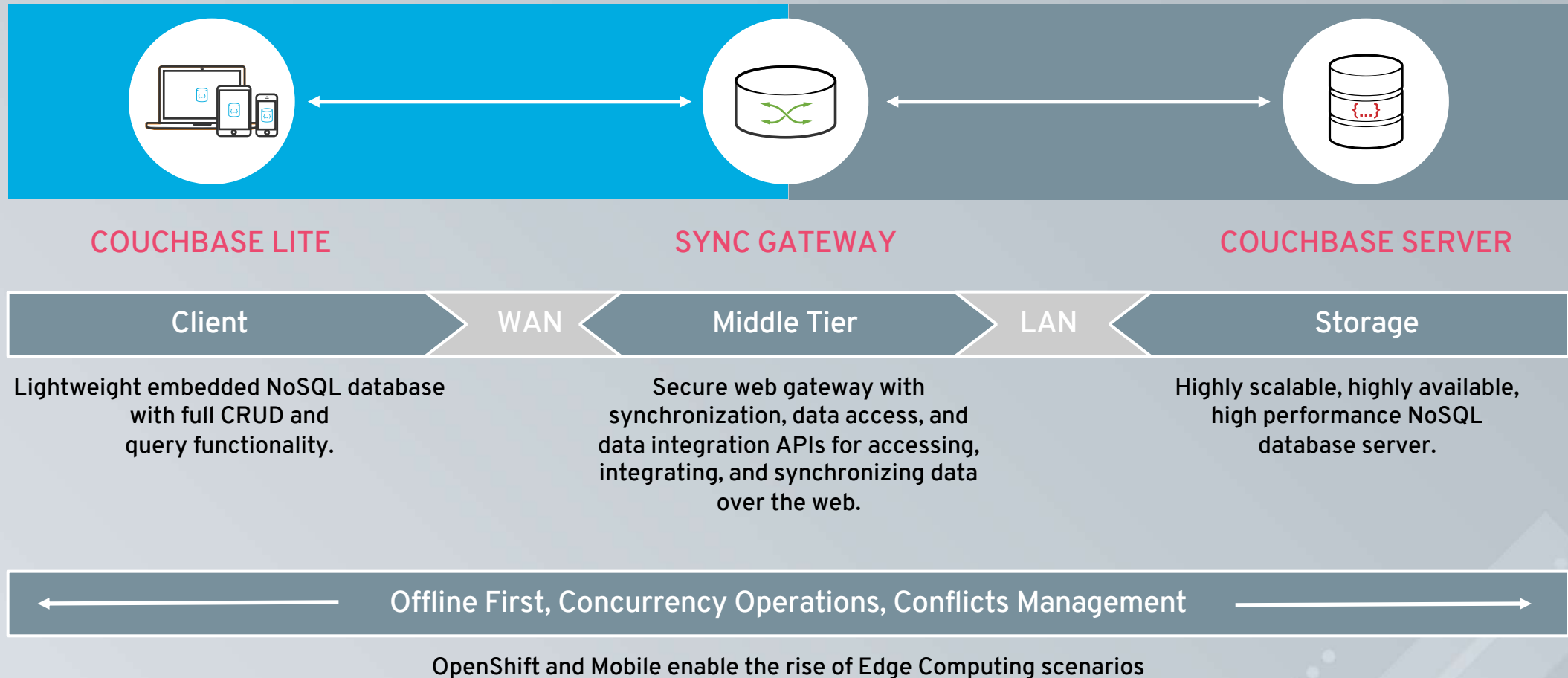
Custom Resources  
Definition

DNS

# Red Hat innovation award



# Couchbase Mobile - Securely Manage & Sync Data from any Cloud *to the Edge*





# { Future developed now }

// WE ARE MOLO17







# What do they have in common?

- Disconnected environments
- Poor and no external network connectivity



Red Hat



Couchbase  
NoEQUAL

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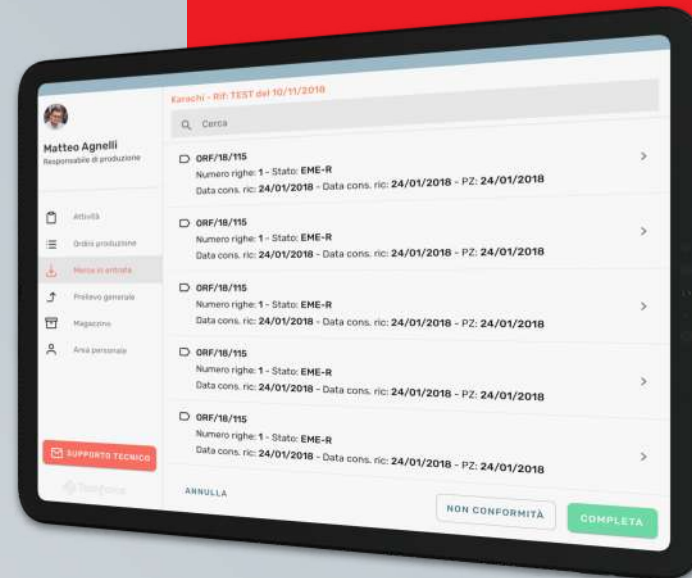
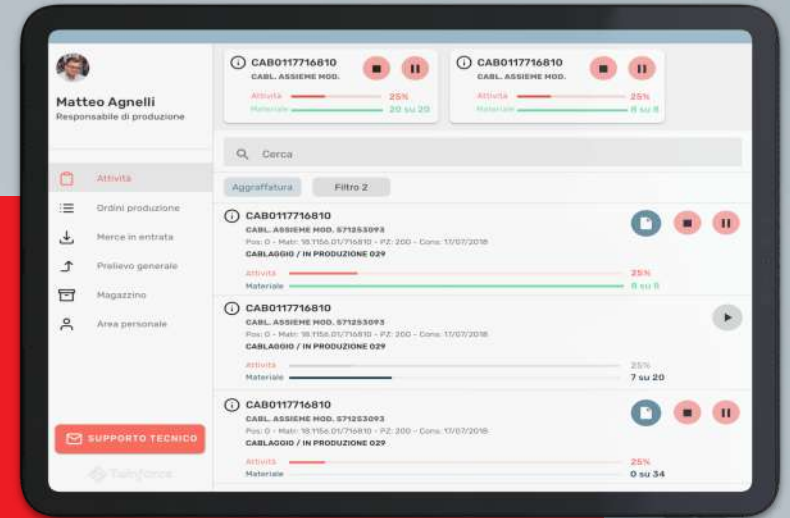


#RedHatOSD

# Case study



## Field Force Management (WFM) Mobile App

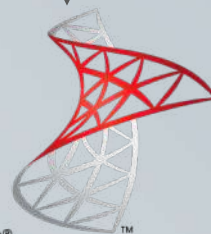
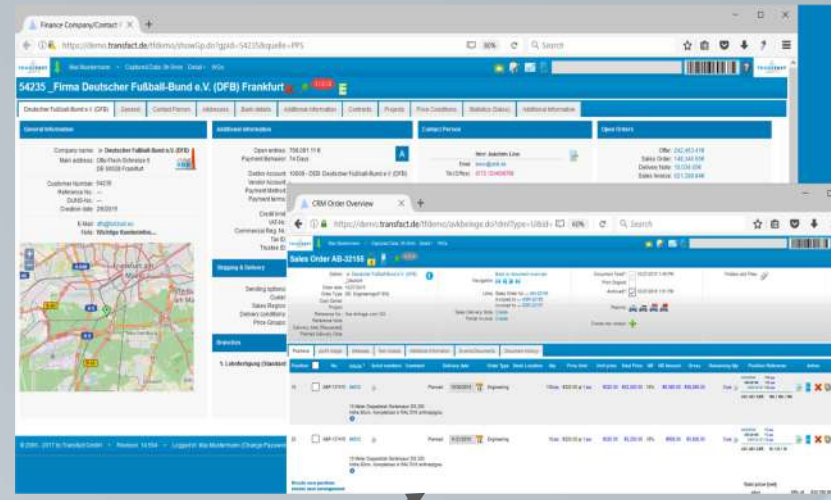
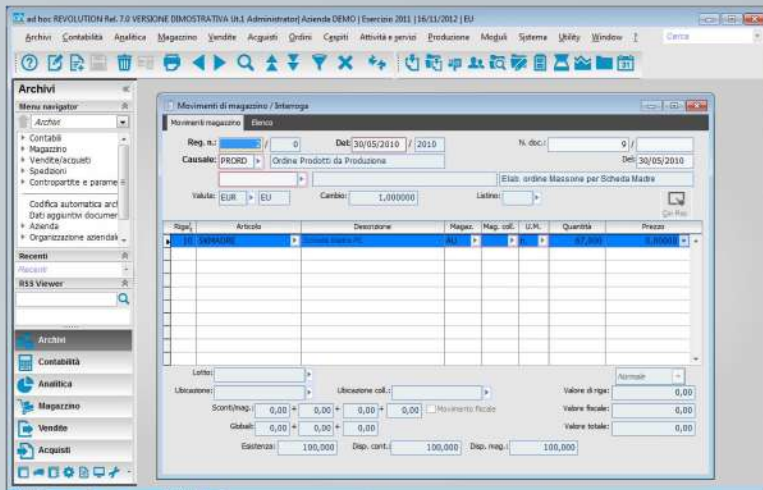
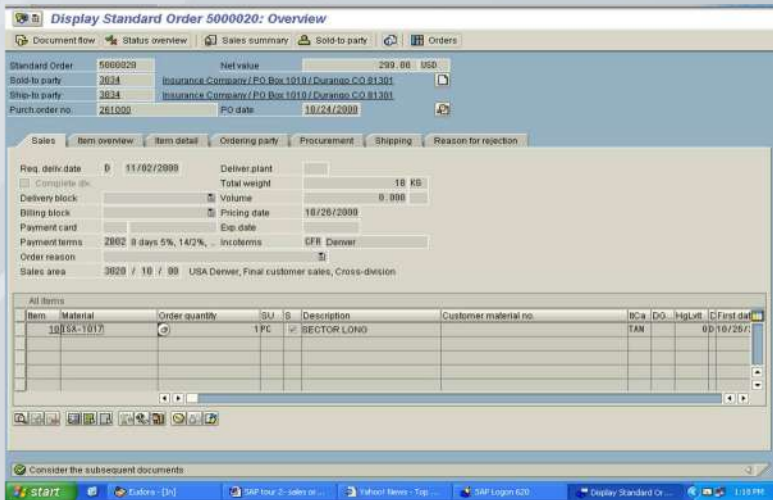




# Data driven apps



# Data sources

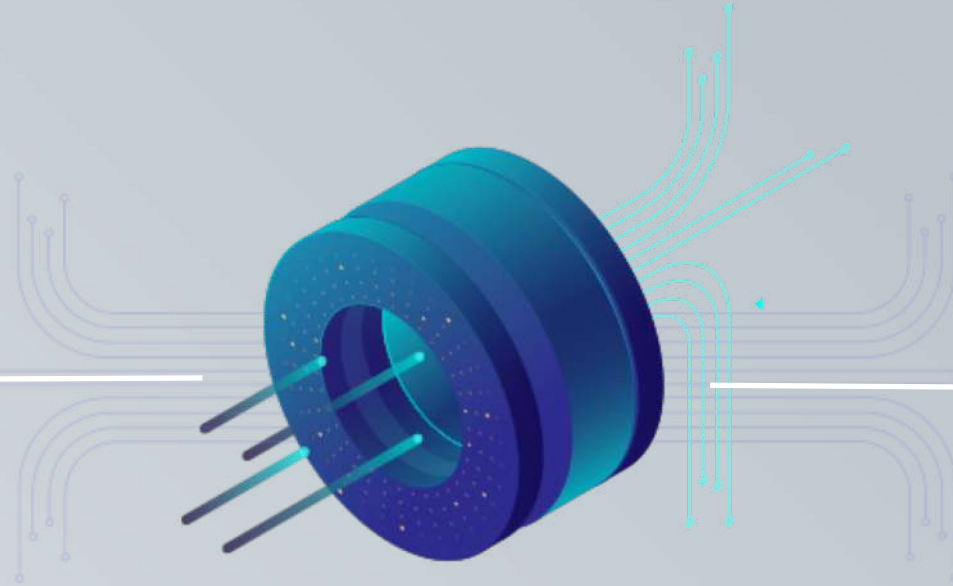


Microsoft®  
SQL Server®





(More coming soon...)



bi-directional sync



# OpenShift Ready



**RED HAT®**  
OPENS SHIFT



# RED HAT FORUMS

## THANK YOU



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