



Take Advantage of **Oracle** Applications on AWS Cloud

JD Edwards on AWS

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Agenda

- Introduction
- Oracle Applications On AWS
- JDE on AWS
- Questions

AWS experience with Oracle is a decade in the making

10+ years of Oracle experience (e.g., JD Edwards, E-Business Suite, Peoplesoft)

100K+ applications and databases running on EC2 and RDS



2012

Customers use AWS for Oracle applications in production



2017

First Oracle Exadata application migration



2018

Terraform-based automation for Oracle application provisioning



Q3 2021

Deployment kit for Real Application Clusters (RAC)



Q4 2021

Amazon RDS custom managed service supporting Oracle ERP applications

Hundreds of Oracle customers have migrated to AWS



Oracle Applications on AWS

Core Applications

E-Business Suite (EBS)

JDE

Siebel

PeopleSoft

Hyperion

Industry Applications

Customer Care & Billing (CC&B)

Master Data Management (MDM)

Banking Platform

Flexcube

Primavera

Business Intelligence (OBIEE)

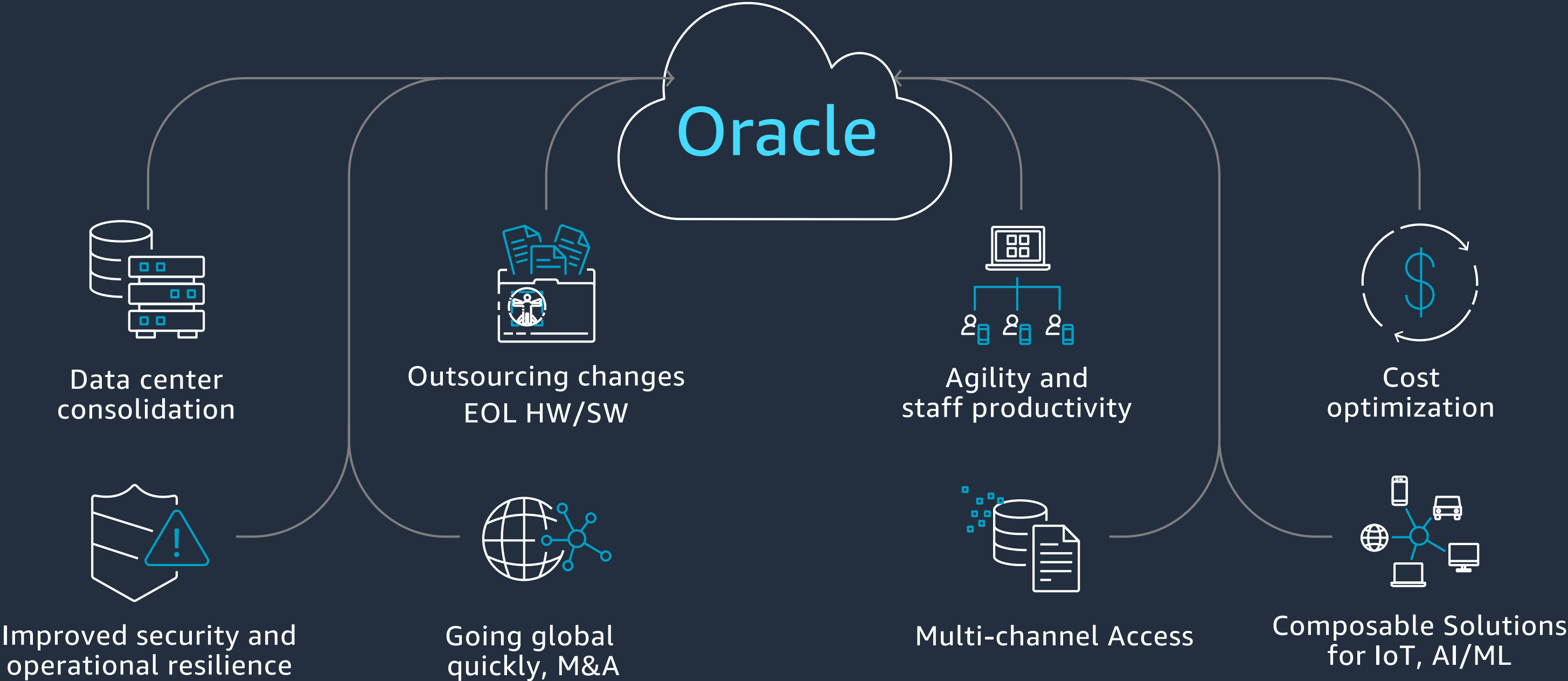
Essbase

Transport Management (OTM)

Demantra

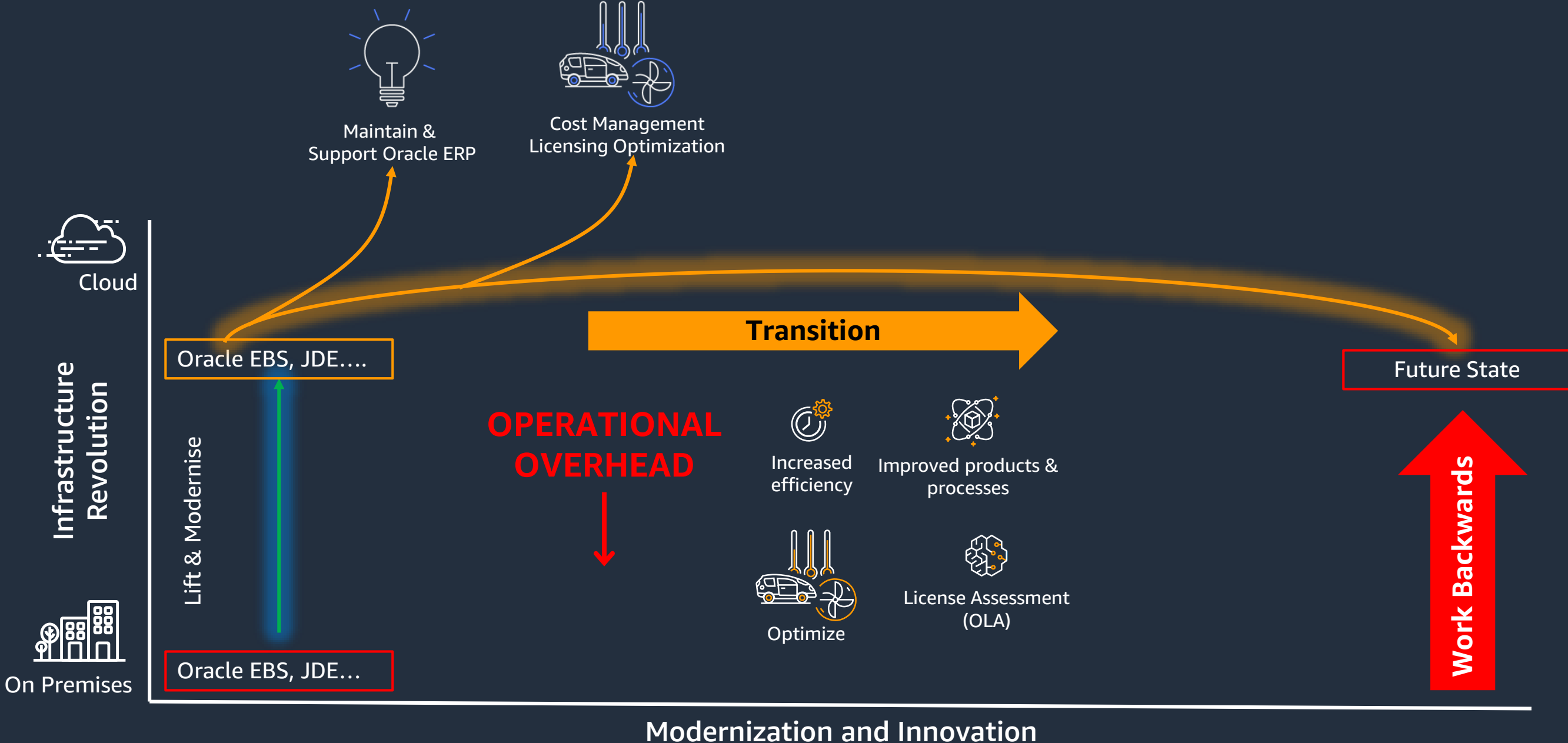
++Over 200 On premise apps

Customer drivers of ERP migrations to the cloud



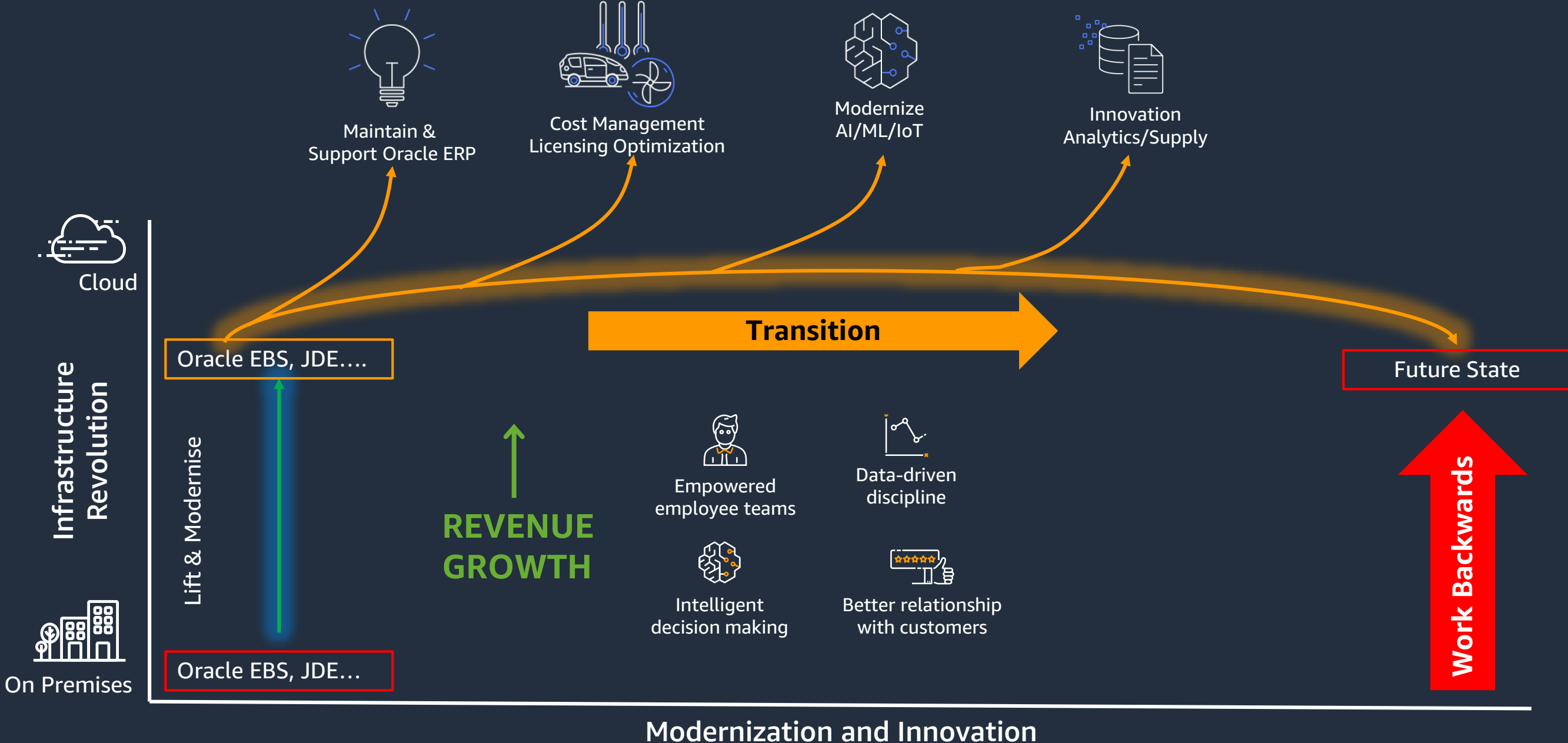
Oracle Applications and AWS

Proven pathway with cloud value



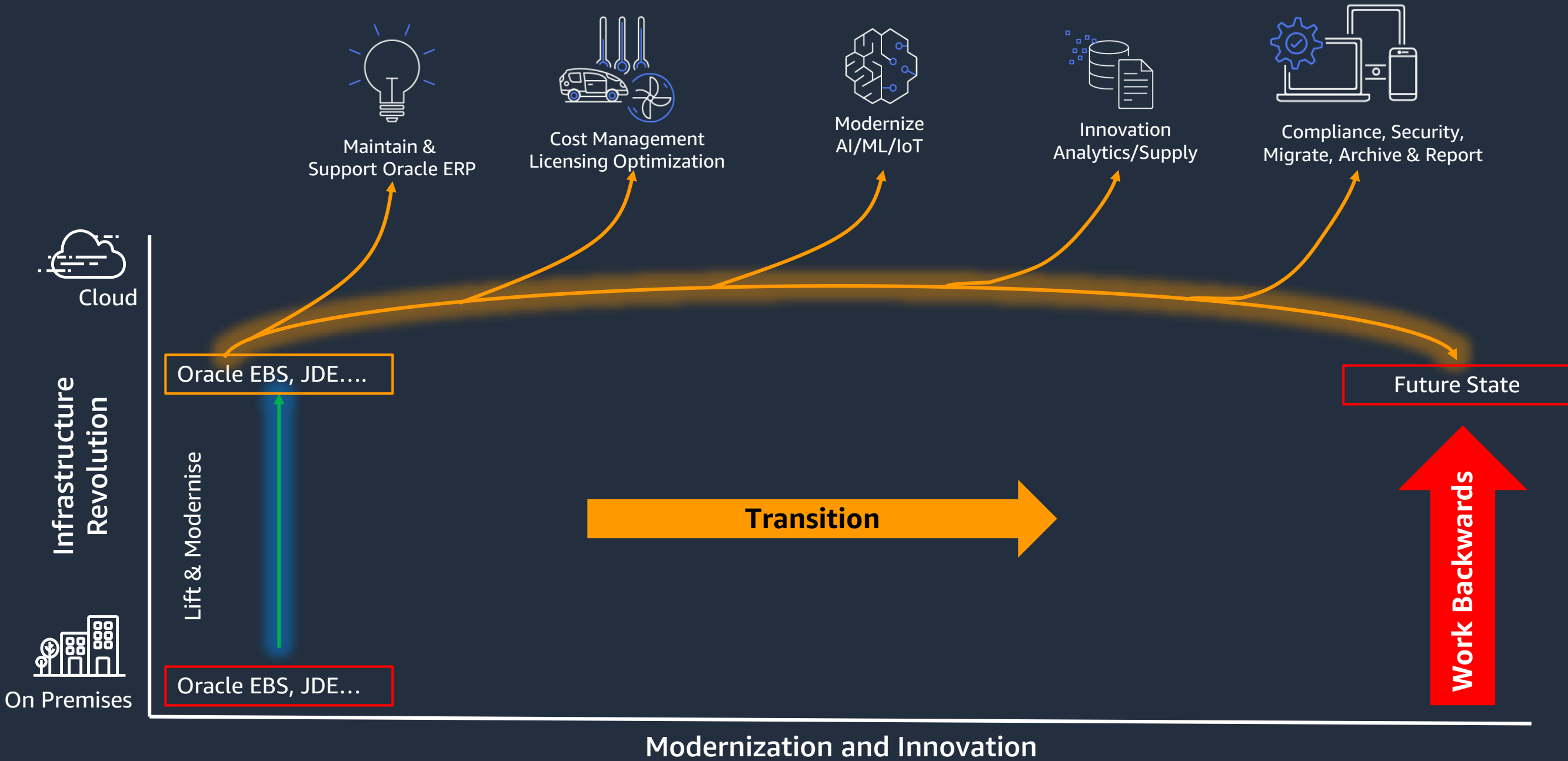
Oracle Applications and AWS

Proven pathway with cloud value



Oracle Applications and AWS

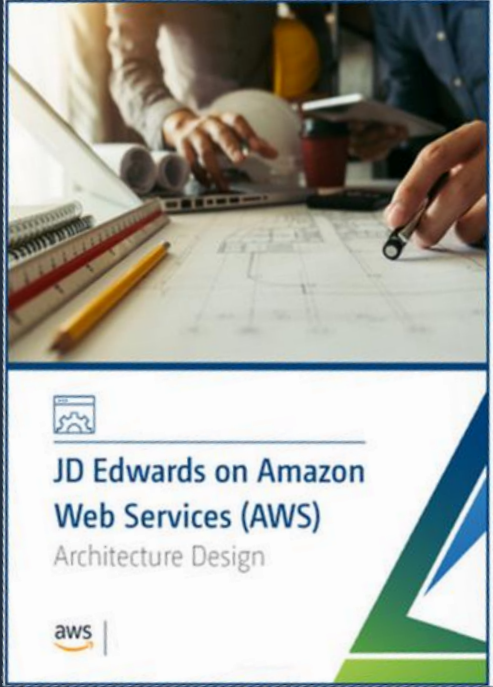
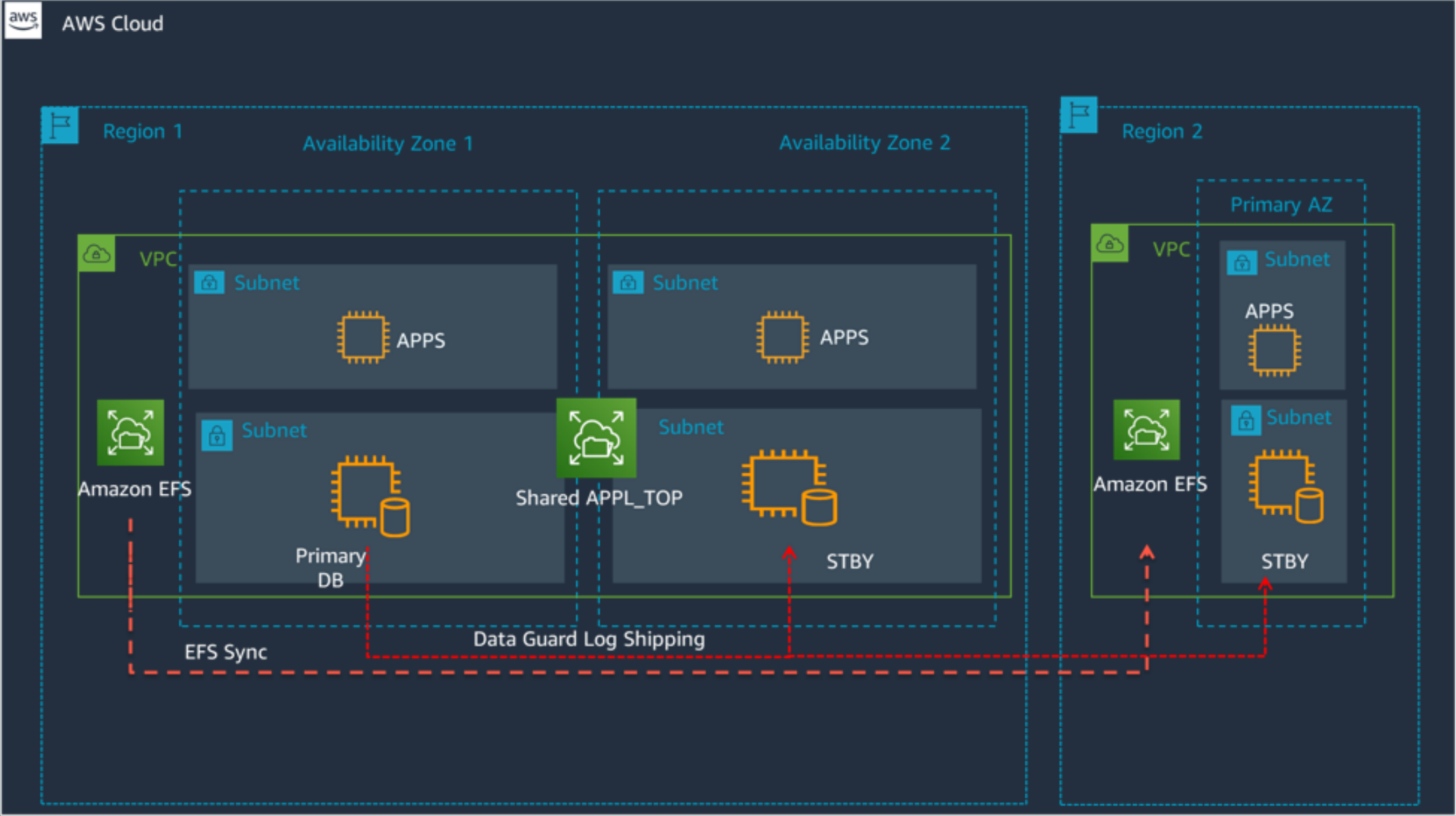
Proven pathway with cloud value



AWS and JDE



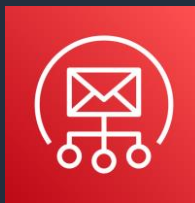
Oracle JDE Reference Architecture



- ✓ Operational Excellence
- ✓ Security
- ✓ Reliability
- ✓ Performance Efficiency
- ✓ Cost Optimization
- ✓ Sustainability

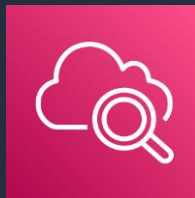
Leveraging AWS services

(Examples for JD Edwards EnterpriseOne)



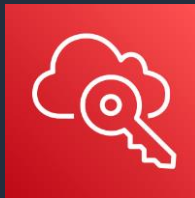
Amazon Simple Email Services (SES)

Enable CANSPAM compliant emails from E1 and to provide ability to suppress non-production emails.



Amazon CloudWatch

Manage and analyze all the logs from different E1 tiers in a single console with inexpensive S3 storage.



Amazon Single Sign-On (SSO)

Improve both the security of E1 and the end user experience. Requires tools release 9.2.5.4 and higher.



Amazon WorkSpaces

Desktop solution for E1 developer and admin clients.



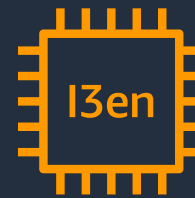
AppStream 2.0

Solution for deploying stateless E1 bolt-on's applications



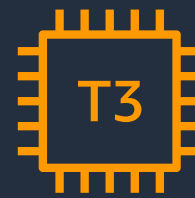
Amazon FSx

File system for E1 databases which allows thin copies of production for non-production test and development.



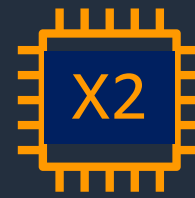
Storage Optimized Instances

NVMe storage acceleration for E1 database tier with ultra low latency.



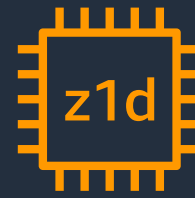
Burstable Instances

Optimize Windows license costs



Memory Optimized Instances

Up to 32GB RAM per vCPU



High Frequency Instances

Sustained all core frequency of up to 4.0 GHz

Some of the many modernization capabilities for EnterpriseOne on AWS



Carrier

Carrier is a world leader in heating, air-conditioning and refrigeration solutions.

Built on Willis Carrier's invention of modern air conditioning in 1902, Carrier is a world leader in heating, air-conditioning and refrigeration solutions. We constantly build upon our history of proven innovation with new products and services that improve global comfort and efficiency.

Carrier Delivers On The Modernization Of Their Legacy JD Edwards ERP Application By Migrating To AWS

The Challenge

Carrier had a combination of issues that included the end of life for one of their partner datacenters, along with a requirement to divest a business entity that was co-mingled within their core refrigeration business.

The Solution

- Having already experienced the positive momentum of running their SAP solution on AWS, Carrier looked to AWS to deliver the same enterprise scale and performance for JD Edwards applications.
- AWS leveraged the latest X2i instances with Intel Ice Lake 3.5ghz CPU's to minimize infrastructure and licensing footprint. With Amazon Workspaces, Carrier was able to simplify the management and deployment of JD Edwards clients on Windows.

The Benefits

- Reduced TCO by 70%
- Improved system resiliency
- Delivered agility to the global ERP modernization program

"AWS delivered an optimized approach for us to migrate from our datacenter and leverage a more cost effective operating platform for the needs of our business user community."

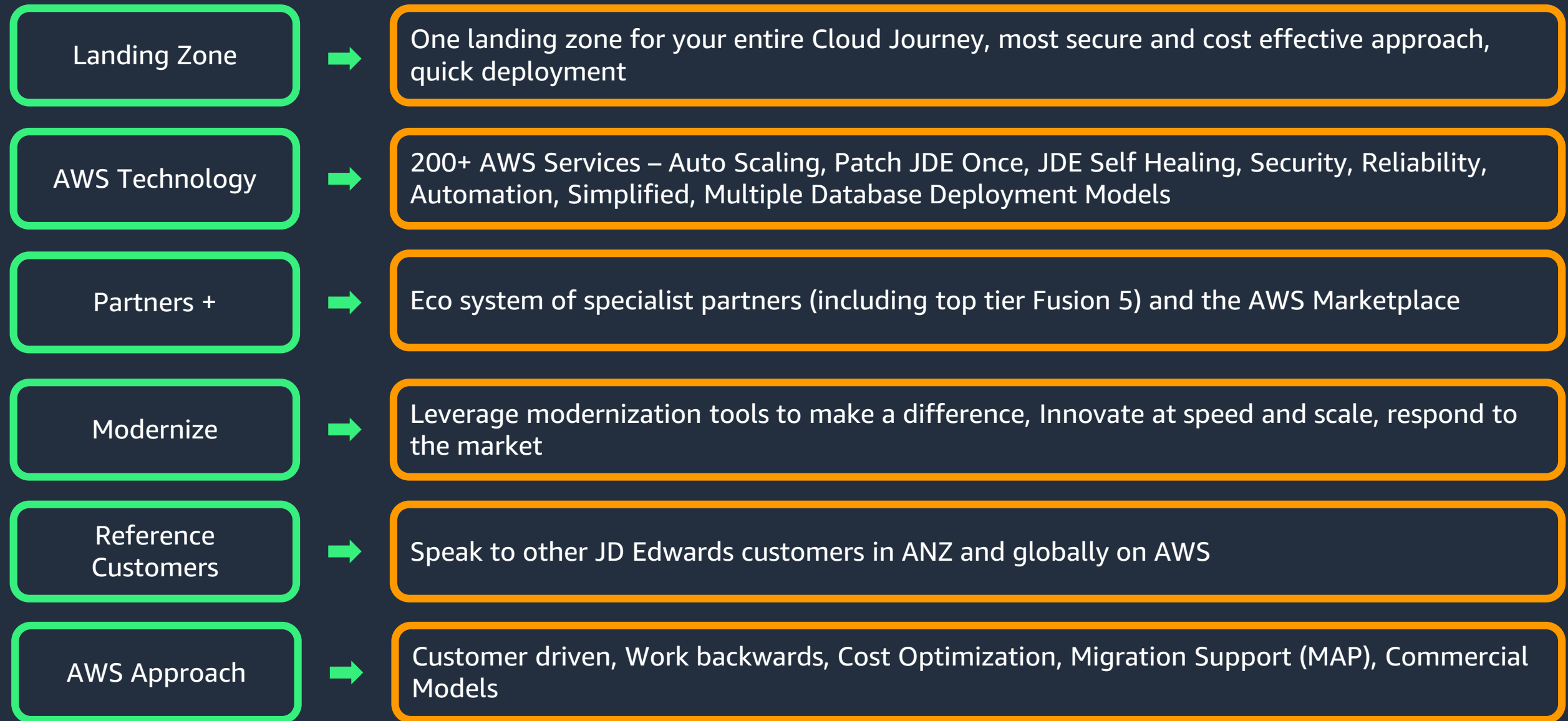
–Rick Carey

Director of ERP and Center of Excellence

ANZ Fusion 5 AWS Customers



Why AWS for JDE?



What Customers Are Saying



Cost Optimization

"AWS delivered an optimized approach for us to migrate from our datacenter and leverage a **more cost effective operating platform** for the needs of our business user community"

Carrier

"We wanted to move to a platform that offered **built-in elasticity capabilities** that could quickly grow to support our peak usage and then release the resources."

Arizona State University



Staff Productivity

"Provisioning of new environments has been **reduced from six weeks to a week**"

Sea Oil

"After we'd moved everything to AWS and spun down the physical servers, **there were zero tickets**. Our finance team had no issues to report—they were a happy bunch."

Belron



Operational Resilience

"AWS is the right technology for us because it enables us to **scale horizontally and vertically**"

Equifax

"Using AWS has given us a **stable IT backbone** and enabled us to develop new products seamlessly."

Fleet Management



Business Agility

"AWS have helped us **maximize our agility** and embrace new challenges."

Korean Air

"It is not just about infrastructure by the hour. It is about **a whole new way of working**."

Open Universities Australia

Thank You

Questions?