Introduction to CES 9.Cloud

Business Needs

- Customers are embarking on cloud journey, with various triggers: data center evacuation, digital transformation, EOL (SW/HW), etc.
- CES, major part of customer's blueprint, needs to be addressed in that journey
- CES migration pattern (retain, rehost, replatform, repurchase (CES 20) needs to be evaluated per customer.
- The CES migration aims to provide business benefits such as business agility, improved TTM, reduced TCO

Introducing CES v9.4

A cost-effective solution to migrate 9.x customers to the cloud

Extended maintenance & support period
CES 9.4 GA with 9 years maintenance
Upgrade Platform matrix (inc. RHEL8.3, WL14c)

Enable CES applications run on public cloud
Cloud enablers (TLS, multicasting, DNS)

Security for the cloud
Security hardening, FOSS scanning and fixes

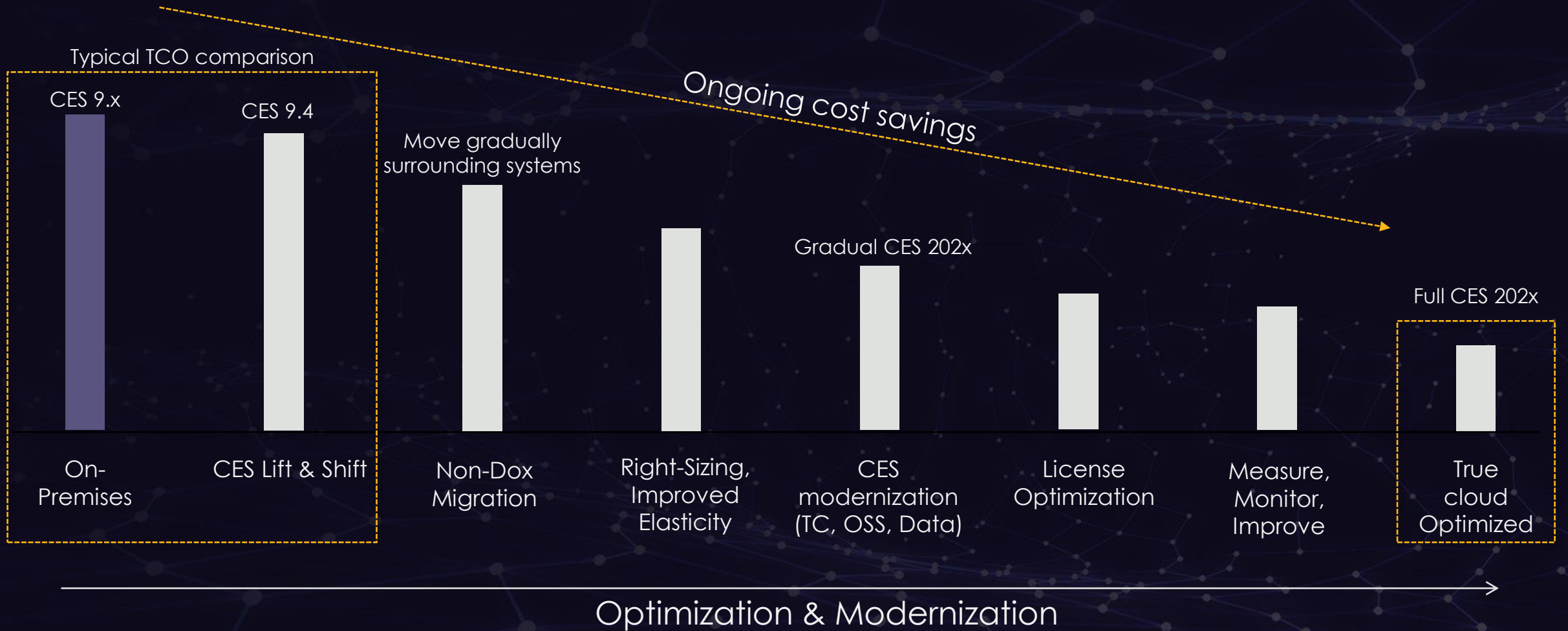**Improved Operational efficiency and Resiliency on cloud**
High availability, Disaster Recovery in Multi-AZ

Establish cloud infrastructure and foundation for further migration
to the cloud **and acceleration**

CES Cloud Journey

TCO Optimization over time

Typical TCO comparison

Ongoing cost savings

CES 9.x

CES 9.4

Move gradually surrounding systems

Gradual CES 202x

Full CES 202x

| On-Premises | CES Lift & Shift | Non-Dox Migration | Right-Sizing, Improved Elasticity | CES modernization (TC, OSS, Data) | License Optimization | Measure, Monitor, Improve | True cloud Optimized |

Optimization & Modernization

Europe Operator Use Case

Motivation

- Execute strategy 'Tech 2025' for modular and cloud native technology platform
- PMX refresh is another trigger to starting the cloud journey

Amdocs solution

Gradual steps to 'Tech 2025'

FY22

- Upgrade BSS from 9.3 to CES9.4 and lift & shift to AWS
- Modernize OSS to Cloud Native platform (SOM->OSO)
- Replace home-grown system with AWS Cognito and other services for access control mng.

FY25

- Modernize BSS to CES 202x

Expected benefits & impact

FY22

Improved business agility with

- Reduced infra procurement time from months to minutes
- Reduced installation/configuration time up to 33%
- Reduced code deployment time up to 50%

Reduced TCO

- Constant optimization via on-going measurement -> monitoring -> improvement
- Using AWS managed services such as AWS Config, AWS Systems Manager
- Reduction in Infra Operation FTE cost up to 50%
- Cloud consumption via Amdocs driving discounts

High availability solution allowing business continuity with multi-AZ architecture, eliminating the need for dedicated DR site and management
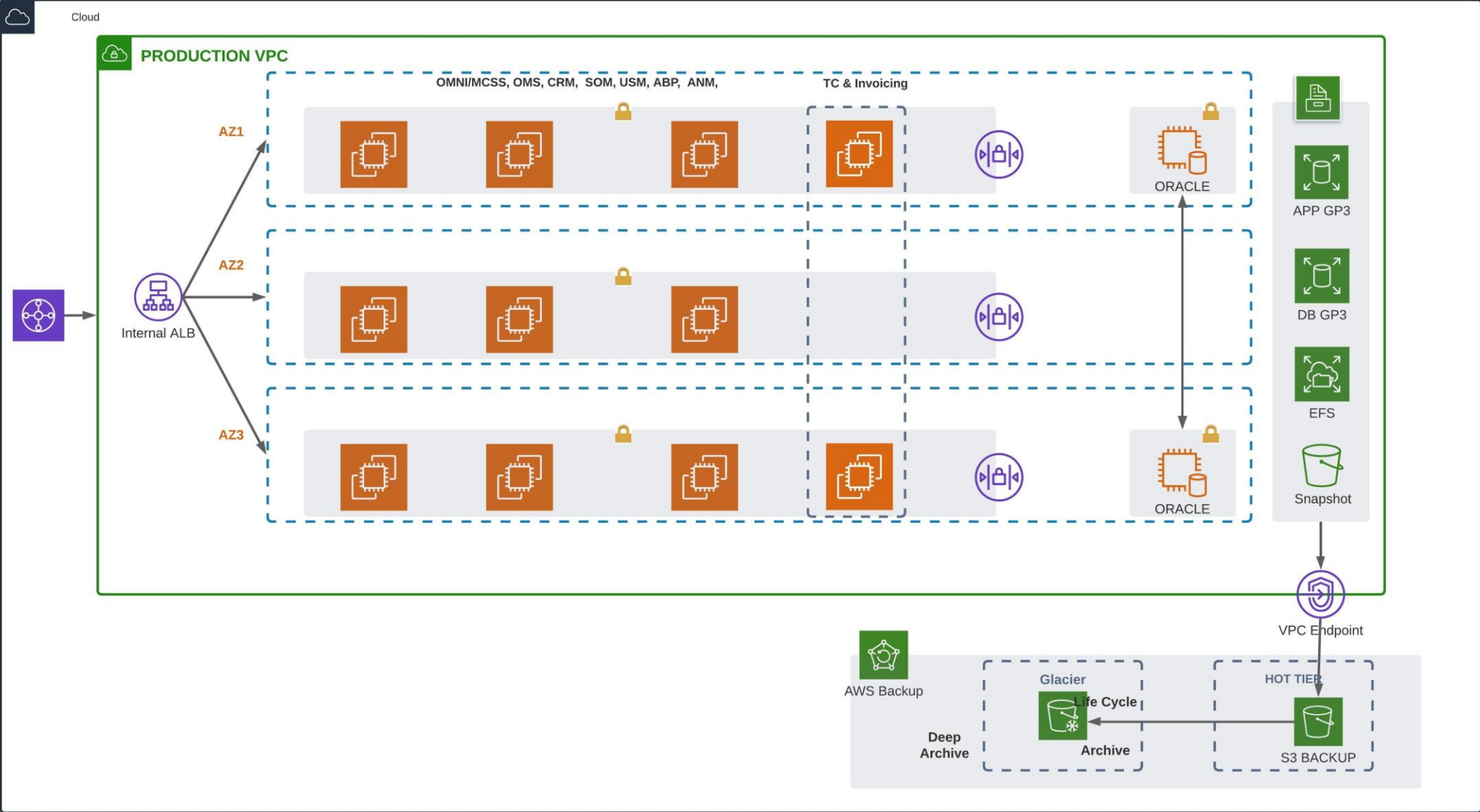
FY25

Tech 2025 Vision realisation

Full Cloud Native

Auto scaling for entire stack

Increase in deployment frequency with DevSecOps

Auto deployment for entire stack

Architecture Diagram

Thank you