



# Oracle Upgrade & Migration to Software-as-a-Service (SaaS)

Organizational, Services &  
Performance Monitoring Committee  
Presentation

August 11, 2020

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# Agenda

- Need
  - History & Current State
  - Opportunity for Improvement
  - On-Premise vs. Cloud Overview
  - Steps to SaaS Solution
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# Need

- Replace current financial and accounting Oracle software due to end of life
  - Move from on-premise to Software as a Service/cloud based
  - Engage a software implementation contractor to support the migration and implementation
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# History

- Oracle Applications – 1995
  - Financials & Human Resources
  - Internal - Employees
  - External – Applicants, Fare Sales
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# Current State

- On-Premise Solution
    - Enterprise Business Suite (EBS) 12.1.3
  - Updates & Patches
  - Challenges
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# Current State Updates & Patches

- Foundational Database Technology
  - 2018 - 11; 2019 - 29
- Application Tier
  - 2018 - 30; 2019 - 24





# Current State Challenges

- Premier Support Ends 12/31/2021
  - Maintaining System Currency
  - Out-Dated Recruiting Tool
  - Off-Line & Manual Processes
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# Opportunity for Improvement

- Modernization
  - Capability, Supportability & Availability
  - Overall Security
- Workforce Flexibility
- Alignment with RTA's Technology Principles







# RTA's Technology Principles

- Value to the Authority
  - Security & Compliance
  - Compatibility
  - Supportability & Sustainability
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# On-Premise vs. SaaS

- Fundamental Difference
- Popularity of SaaS
- SaaS Benefits

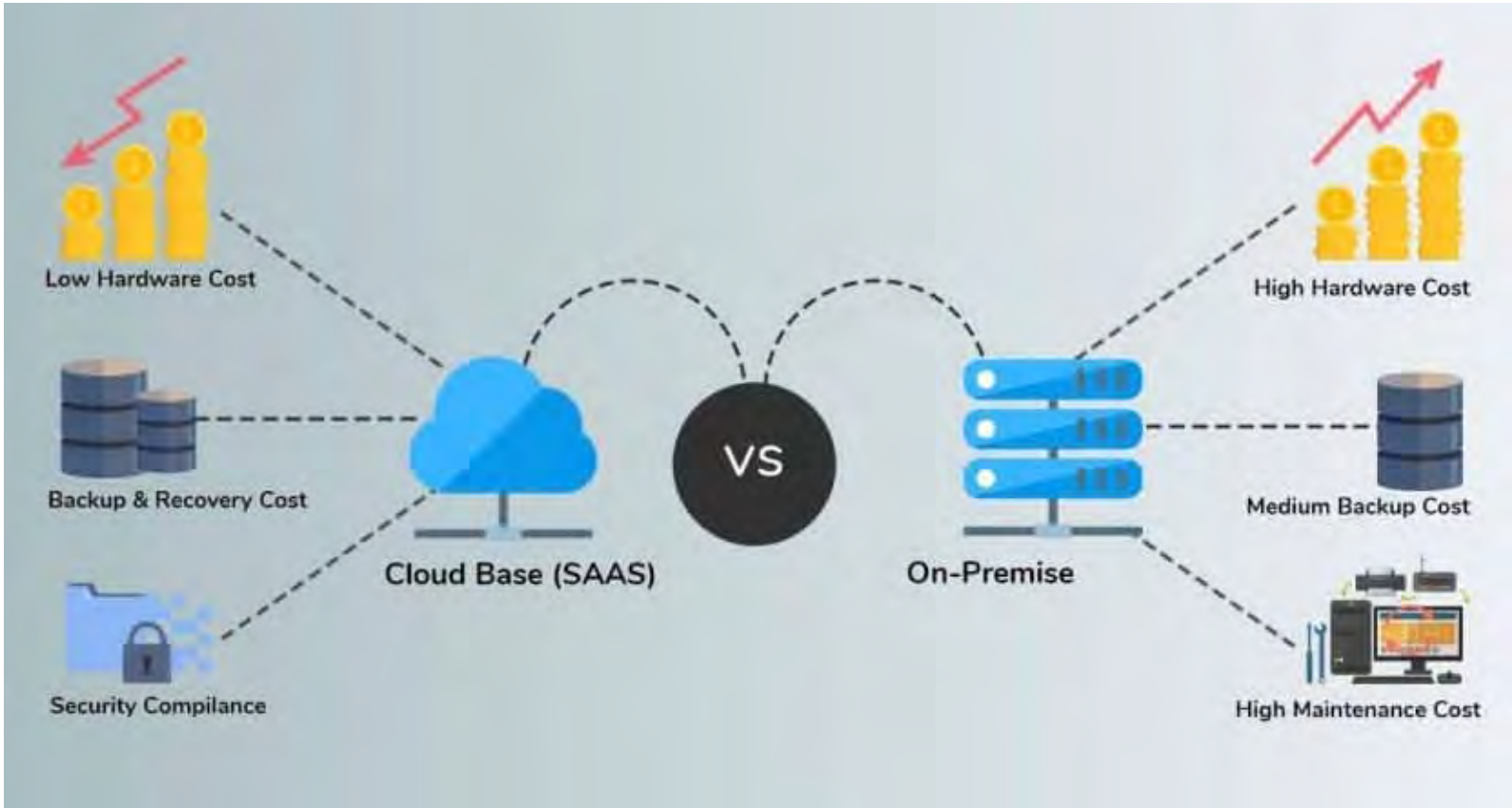




## Fundamental Difference

**On-premise** software is installed and managed locally, on RTA maintained equipment, while **SaaS** is vendor-hosted and maintained, and accessed via a web browser

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# On-Premise vs. SaaS

## ON-PREMISE SOLUTIONS

Longer Implementations

Expensive Customization

Significant IT Dependence

Expensive Upgrades

Added Hardware Costs

Disaster Recovery Extra

Large Upfront Investment

## SaaS-BASED SOLUTION

Rapid Implementation

Non-Technical Configuration

Reduced IT Dependence

Upgrades Included

No Hardware Costs

Built-in Disaster Recovery

Subscription Billing



# SaaS Adoption

- 95% of Oracle EBS Customers have or already are moving to SaaS
  - Gartner - "[72% of business](#) using cloud"
  - IBM - "85% of new software will be built for Cloud"
  - "Gartner predicts that cloud will become the default option for software deployment by 2020"
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## SaaS at GCRTA

- Phone System
  - Integrated Voice Response
  - Mobile Ticketing Applications
  - Kronos Timekeeping
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# Oracle Cost Analysis (10 years)

- Approximately \$1.7 million savings (moving to SaaS now)
- Move to SaaS: needed in 3-5 years
- COVID-19 discounts may not be available
- Increased efficiencies (staff time to test/validate to 12.2 and SaaS)
- Disaster Recovery
  - Unfunded project: \$1.25 million
  - Significantly reduced

## Overall Benefits:

- Always current software
  - Additional functionality
    - Budgeting
    - Talent Management
  - Ability to work remotely
  - Increased Security & Compliance
  - Improved Backup & Recovery
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# Steps to SaaS Solution

- Migrate Existing Application Licenses
  - Secure Implementation Services
  - Establish Core Staff Resources
  - Deliver Solution
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# Migrate Application Licenses

- License Models
  - Perpetual (On-Premise)
  - Subscription (SaaS)





# Secure Implementation Services

- Utilize State Term Schedule
- Seek Qualified Oracle EBS/SaaS Partner
- Selection





# Establish Core Staff Resources

- Accounting & Revenue
  - Human Resources
  - Office of Management & Budget
  - Procurement
  - Information Technology
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## Oracle In-Scope SaaS Modules

### Enterprise Resource Planning Bundle

- Financials
- Financial Reports
- Revenue Management
- Grants Management
- Projects
- Invoice Processing
- Forms Recognition
- Expenses Fusion Analytics

### Enterprise Resource Planning Bundle

- Purchasing
- Procurement Contracts
- Sourcing
- Supplier Portal
- Supplier Qualification
- Procurement Self-Service

### Enterprise Order Management Bundle

- Order Management
- Global Order Promising
- Configurator
- Fusion Analytics

### Enterprise Supply Chain Execution Bundle

- Inventory Management
- Fusion Analytics

### Enterprise Performance Management Bundle

- Account Reconciliation
- Enterprise Data Management
- Financial Consolidation & Close
- Planning
- Narrative Reporting
- Cost Planning

### Human Capital Management Base

- Core HR
- Absence Management
- Benefits Administration
- Onboarding
- Workforce Directory
- Organizational Charts
- Work Life Solutions
- Fusion Analytics

### Human Resource Help Desk

- Policy Automation for Workers

### Talent Management Bundle

- Recruiting
- Performance Management
- Learning Management
- Succession Planning
- Career Development
- Goal Management

### Workforce Health & Safety Incidents

### Time & Labor

### Payroll

### Additional Test Environment



# Procurement Overview

Section 306.43 (H)(4) of the Ohio Revised Code provides political subdivisions, within the State of Ohio, the opportunity to participate in contracts executed by the State of Ohio, Department of Administrative Services.





# Procurement Overview

Oracle Cloud SaaS (Software as a Service) will be purchased from Oracle America, Inc. through the State of Ohio, Department of Administrative Services, Cooperative Purchasing Program under State Contract #MCSA0023.





# Procurement Overview

Oracle Cloud Implementation Services will be purchased from Diversified Systems, Inc., an Ohio MBE, through the State of Ohio, Department of Administrative Services, Cooperative Purchasing Program under State Term Schedule #534371.







# Procurement Overview

## Recommendation:

- Staff requests that the Organizational, Services & Performance Monitoring Committee recommend to the Board of Trustees the award of a contract to Oracle America, Inc. for Oracle Cloud SaaS, in an amount not to exceed \$610,647.60 for the base one-year term and option years one and two, and in an amount not to exceed \$622,860.55 for option years three and four, for a five-year agreement not to exceed \$3,077,663.90.
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# Procurement Overview

- Recommendation:
- Staff requests that the Organizational, Services & Performance Monitoring Committee recommend to the Board of Trustees the award of a contract to Diversified Systems, Inc. for Oracle Cloud Implementation Services in an amount not to exceed \$2,997,800.00.



Greater Cleveland Regional Transit Authority



## QUESTIONS/COMMENTS

