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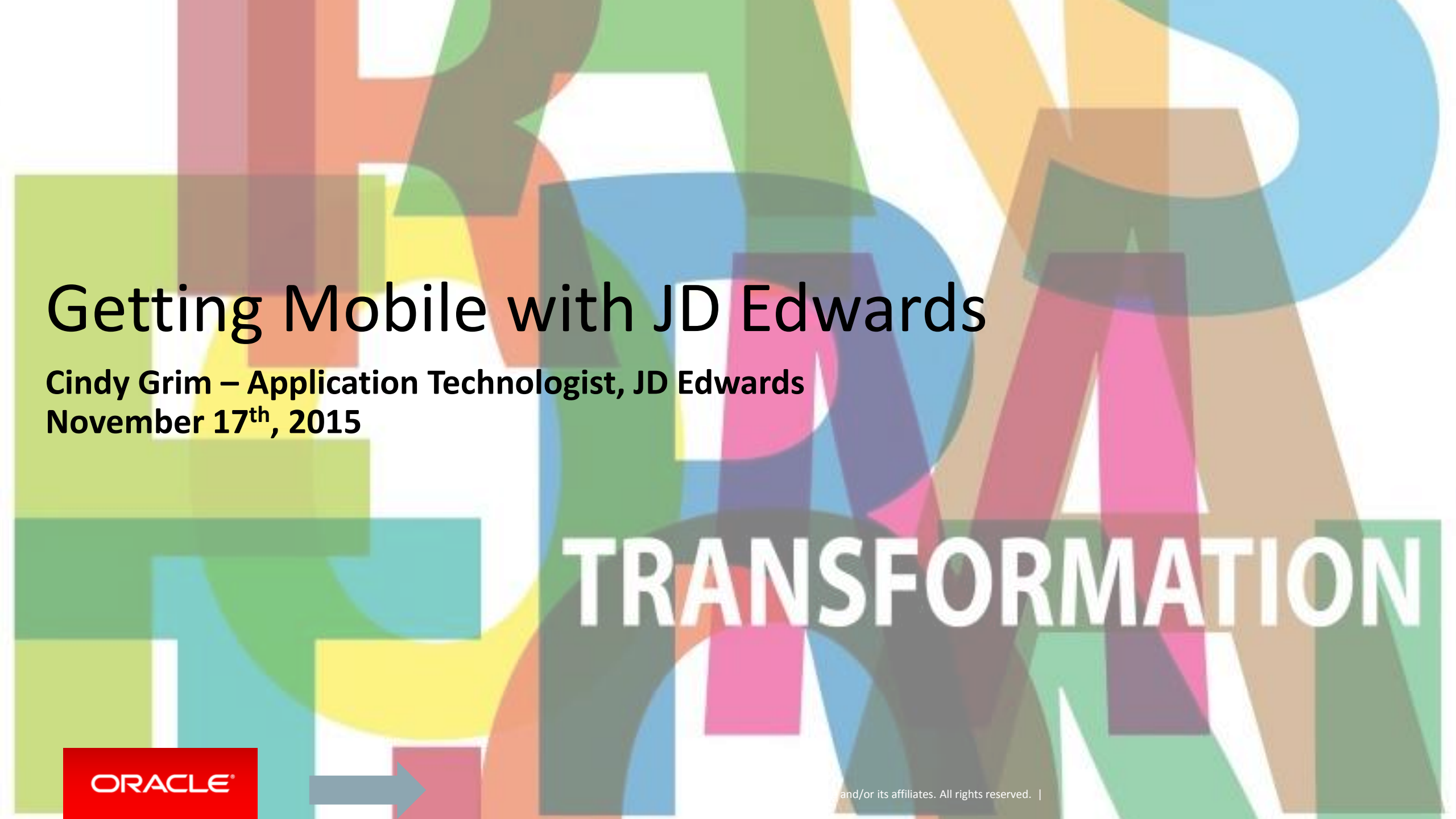
Getting Mobile with JD Edwards

Cindy Grim – Application Technologist, JD Edwards

November 17th, 2015



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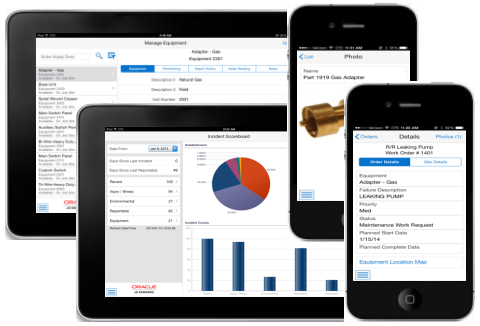
JD Edwards EnterpriseOne Mobile Solution

MOBILE APPLICATIONS



Fit For Purpose

Exploit Device Capabilities

Modern User Experience

MOBILE EVERYWHERE

Run Any E1 Application

Use Browser or Container

Access Device Capabilities

MOBILE PLATFORM

Build Custom Applications

Extend Packaged Applications

Deployment Flexibility

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Getting mobile…

A Mobile Strategy powered by Oracle Solutions

Deploy

Extend

Build

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Deploy Mobile Applications

Over 80 apps available today

- Expense Entry and Approvals
- Inventory and Order Inquiries
- Condition-Based Maintenance
- Project Management
- Health and Safety Incidents
- Equipment Maintenance
- Purchasing Approvals
- Field Service
- Contact Lookups

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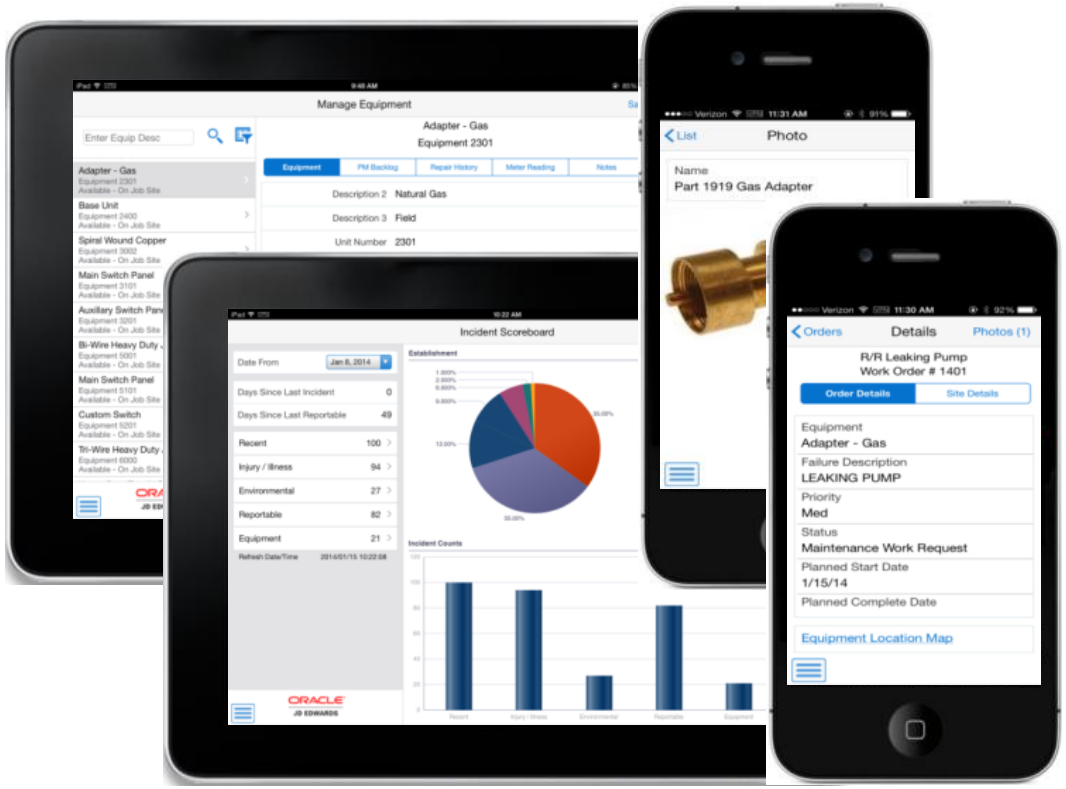
JD Edwards EnterpriseOne Mobile Enterprise Applications

February 2014 (13)

- Contact Customer for Tablet & Smartphone
- Customer Account Overview for Tablet & Smartphone
- Health & Safety Scoreboard for Tablet & Smartphone
- Manage Equipment for Tablet & Smartphone
- Manage My Work Orders for Tablet & Smartphone
- Quick Case Entry for Smartphone
- Report Health & Safety Incident for Smartphone
- Template Meter Readings for Tablet



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JD Edwards EnterpriseOne Mobile Enterprise Applications

April 2014 (20)

- Contact Employee for Smartphone
- Contact Supplier for Smartphone
- Create Service Order for Tablet
- Create Work Order for Tablet
- Expense Approval for Tablet & Smartphone
- Manage Cases for Smartphone
- Manage Customer Equipment for Tablet & Smartphone
- Manage My Service Orders for Tablet & Smartphone
- Review Cases for Tablet
- Review Team Service Orders for Tablet & Smartphone
- Review Team Work Orders for Tablet & Smartphone
- Service Work Order Time Entry for Tablet & Smartphone
- Work Order Time Entry for Tablet & Smartphone

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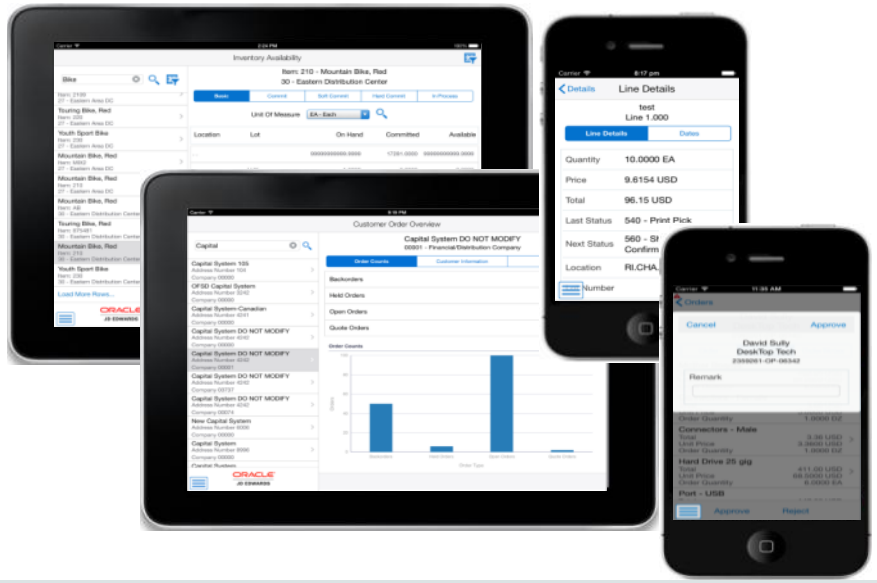
JD Edwards EnterpriseOne Mobile Enterprise Applications

July 2014 (24)

- Change Request Approval for Tablet & Smartphone
- Change Request Entry for Tablet & Smartphone
- Customer Order Overview for Tablet & Smartphone
- Field Progress Entry for Tablet
- Field Account Progress Entry Smartphone
- Field Progress Equipment Entry for Smartphone
- Field Progress Labor Entry for Smartphone
- Field Status Review for Tablet & Smartphone
- Inventory Availability for Tablet & Smartphone
- Job Progress Entry for Tablet
- Job Schedule for Tablet
- Project Status Review for Tablet & Smartphone
- Purchase Order Approvals for Tablet & Smartphone
- Requisition Self Service Approval for Tablet & Smartphone
- Report an Incident for Tablet
- Warehouse Availability for Tablet



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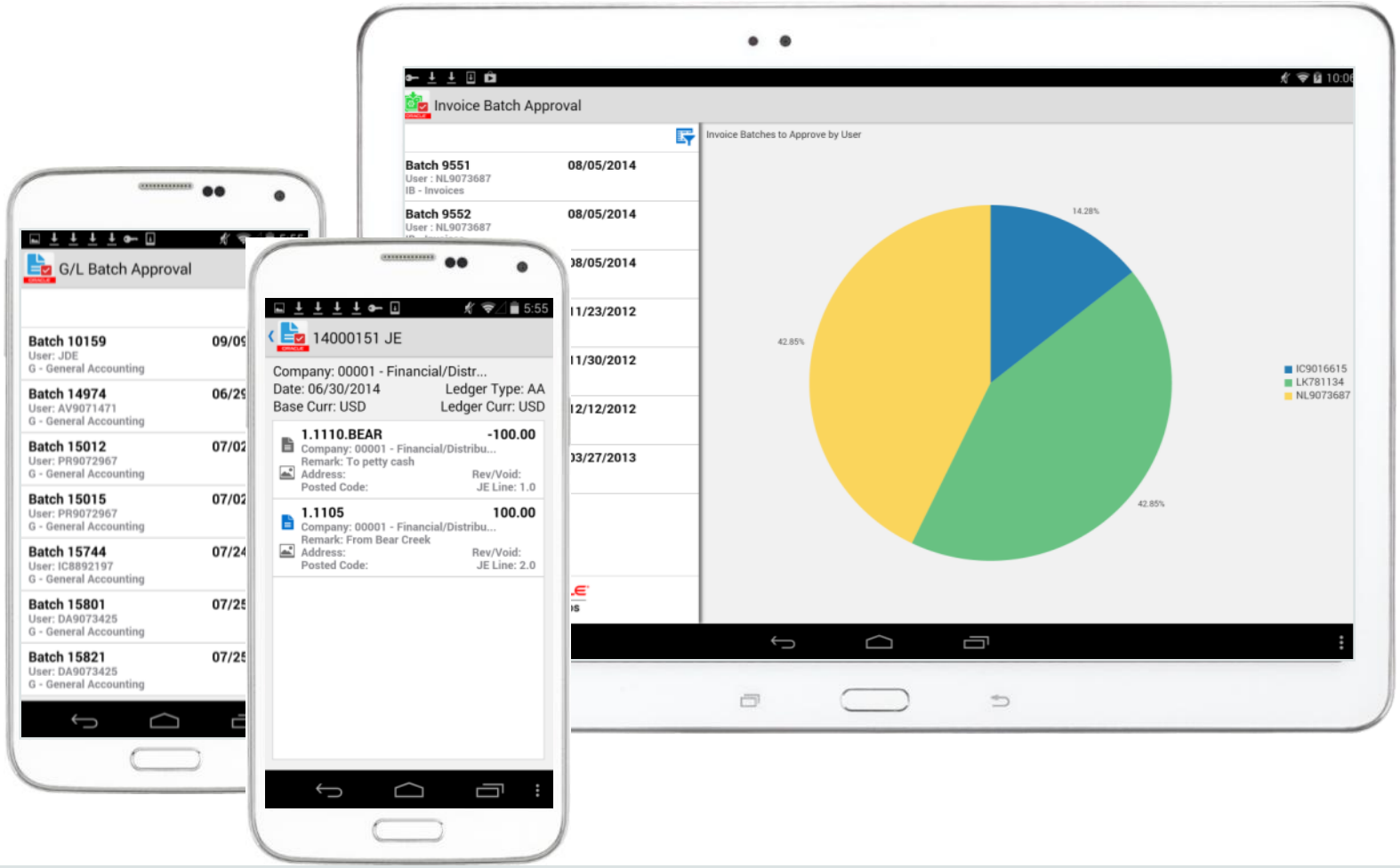
JD Edwards EnterpriseOne Mobile Enterprise Applications

October 2014 (8)

- General Ledger Batch Approvals for Tablet & Smartphone
- Invoice Batch Approvals for Tablet & Smartphone
- Receipts Batch Approvals for Tablet & Smartphone
- Voucher Batch Approvals for Tablet & Smartphone



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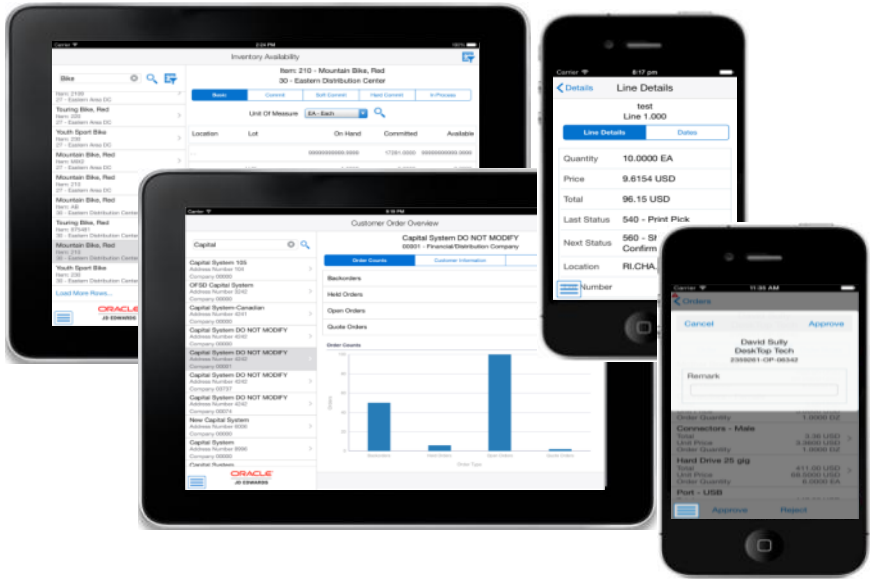
JD Edwards EnterpriseOne Mobile Enterprise Applications

February 2015 (16)

- Project Time Entry for Mobile Tablet & Smartphone
- Sales Order Counts for Mobile Tablet
- Order Counts for Mobile Smartphone
- Quote Review and Release for Mobile Tablet & Smartphone
- Search Sales Order for Mobile Tablet & Smartphone
- Product Price and Availability for Mobile Tablet & Smartphone
- Sales Held Order Release for Mobile Tablet & Smartphone
- Condition Based Maintenance for Mobile Tablet & Smartphone
- Payment Batch Approvals for Mobile Tablet & Smartphone



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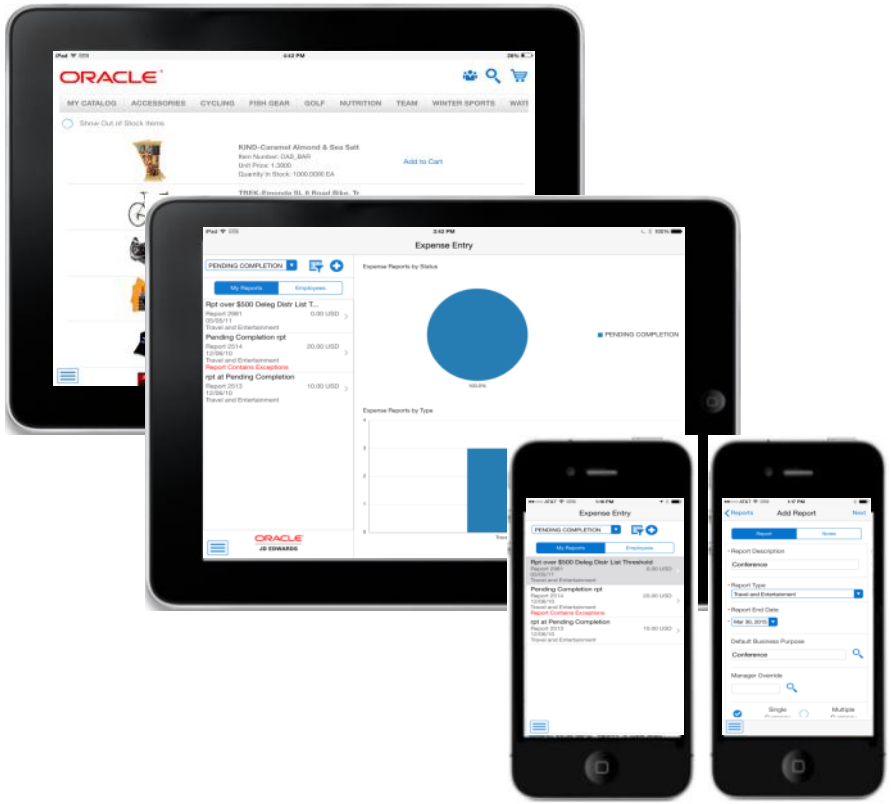
JD Edwards EnterpriseOne Mobile Enterprise Applications

May 2015 (3)

- Expense Entry for Mobile Tablet & Smartphone
- Sales Order Entry for Mobile Tablet
- Manage My Work Orders for Mobile Tablet – Offline enabled



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Recently Released

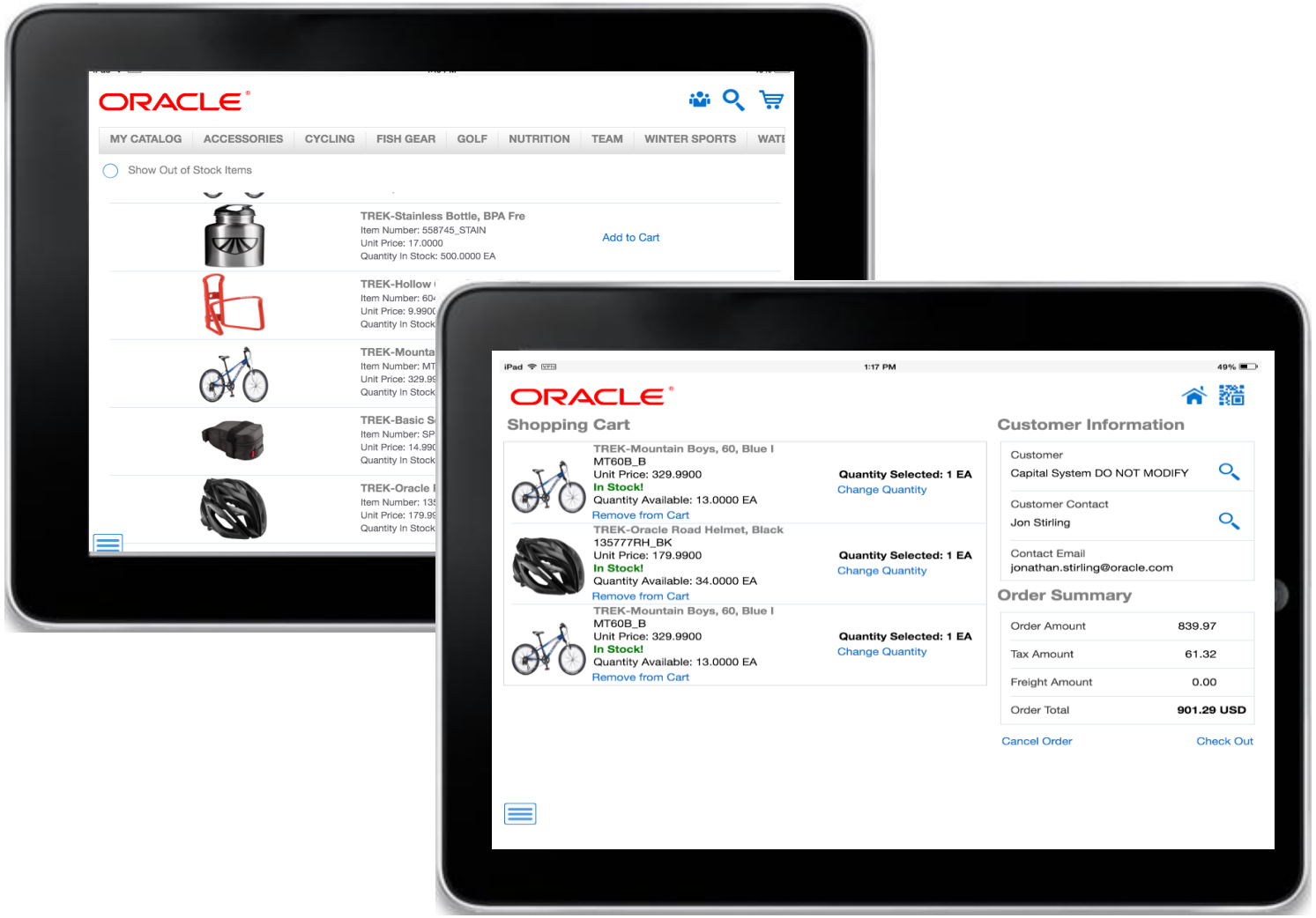
Sales Order Entry Tablet

Who is it for?

- Industrial counter sales
- Field sales

Capabilities

- Multiple payment methods
- Credit Card Interface (assembly required)
- Product catalog
- Barcode scanning
- Shopping cart & checkout



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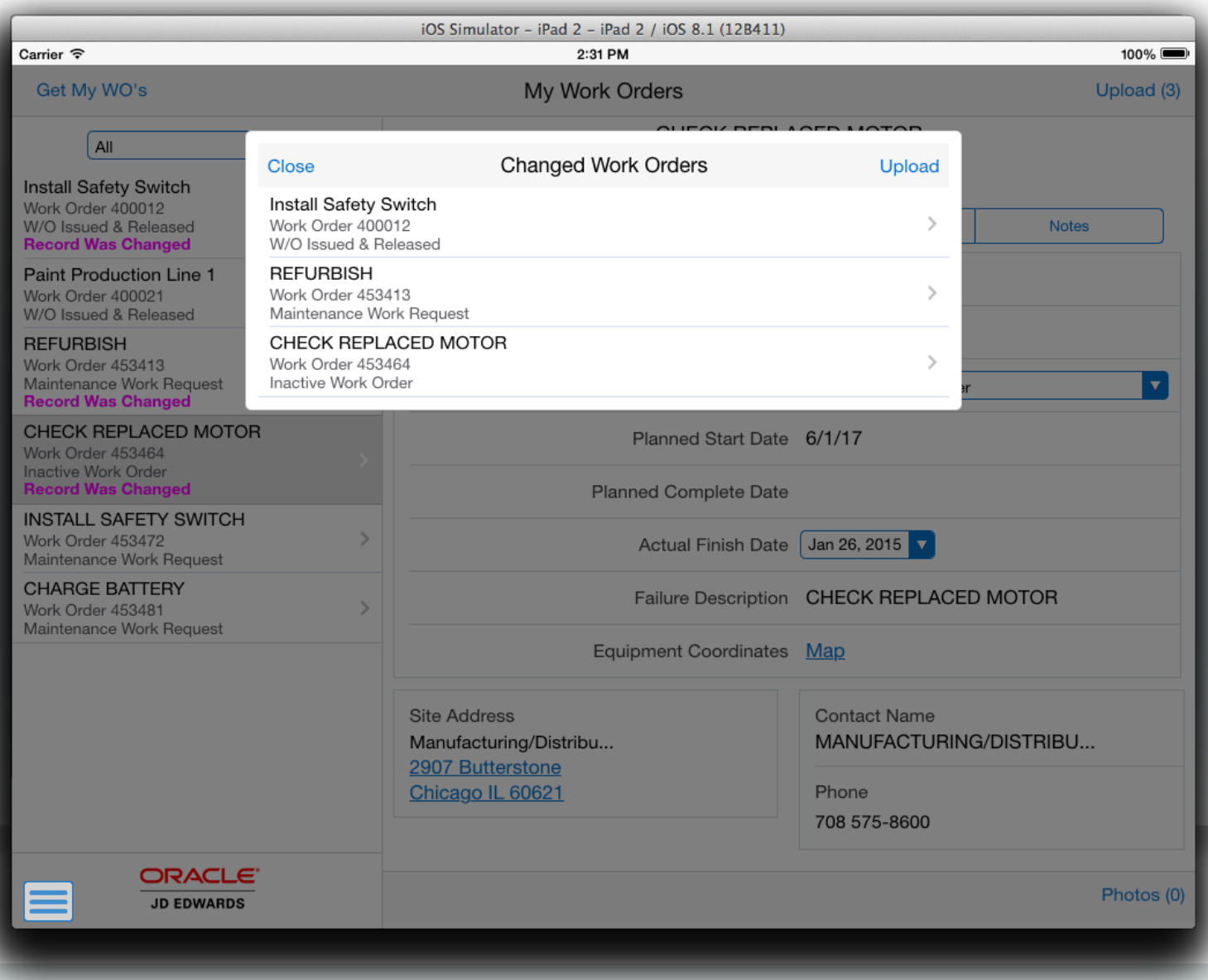
Disconnected Applications

My Work Orders

Recently Released

- Get my work orders
- Update work order
- Highlight changes
- Notification badge
- Upload changes



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Extend/Build Mobile Applications

What if I want to do more?

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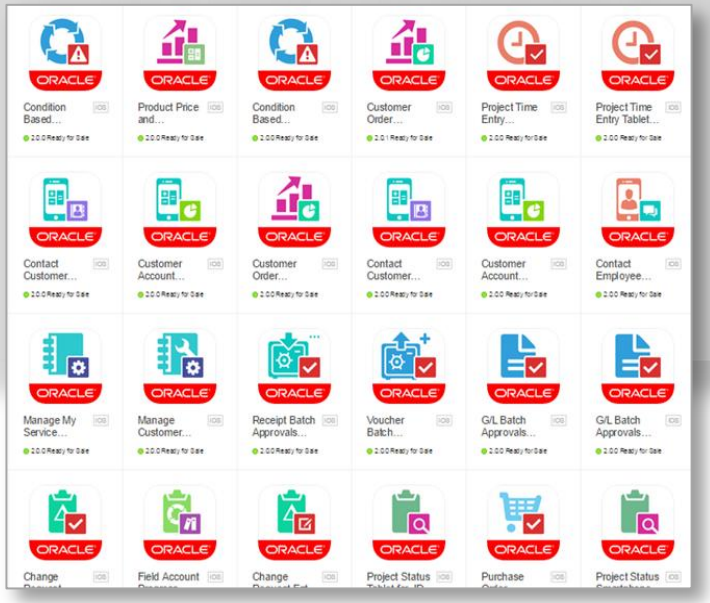
Mobile

Application Framework

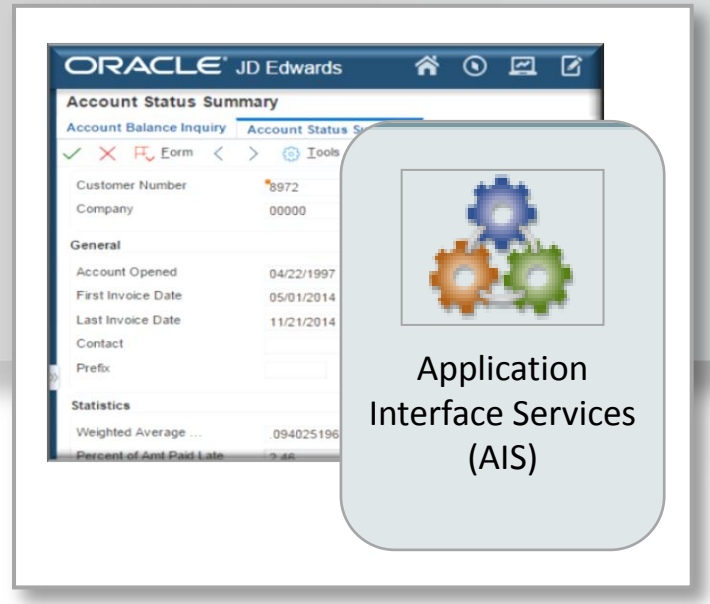
Oracle Mobile Application Framework

MAF



JD Edwards Mobile Application Archives

MAA



JD Edwards Application Interface Services

AIS

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Extend Mobile Applications

What can I change?

- Application Icons
- Home/Splash Screen
- Branding Images
- Custom skins
- Format, Move, Hide Data
- Add New Pages

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Oracle Mobile Application Framework (MAF)

Productivity Boosting Framework

- Build Once, Run on Multiple-Platforms
- Simpler Extensible UI development
- Javascript / Java for business logic
- Integrated Security
- Full Access to Native Device Features
- Modular, Reusable Application Components
- In App configurability
- Disconnected: SQLite with Encryption
- No need to learn device proprietary languages

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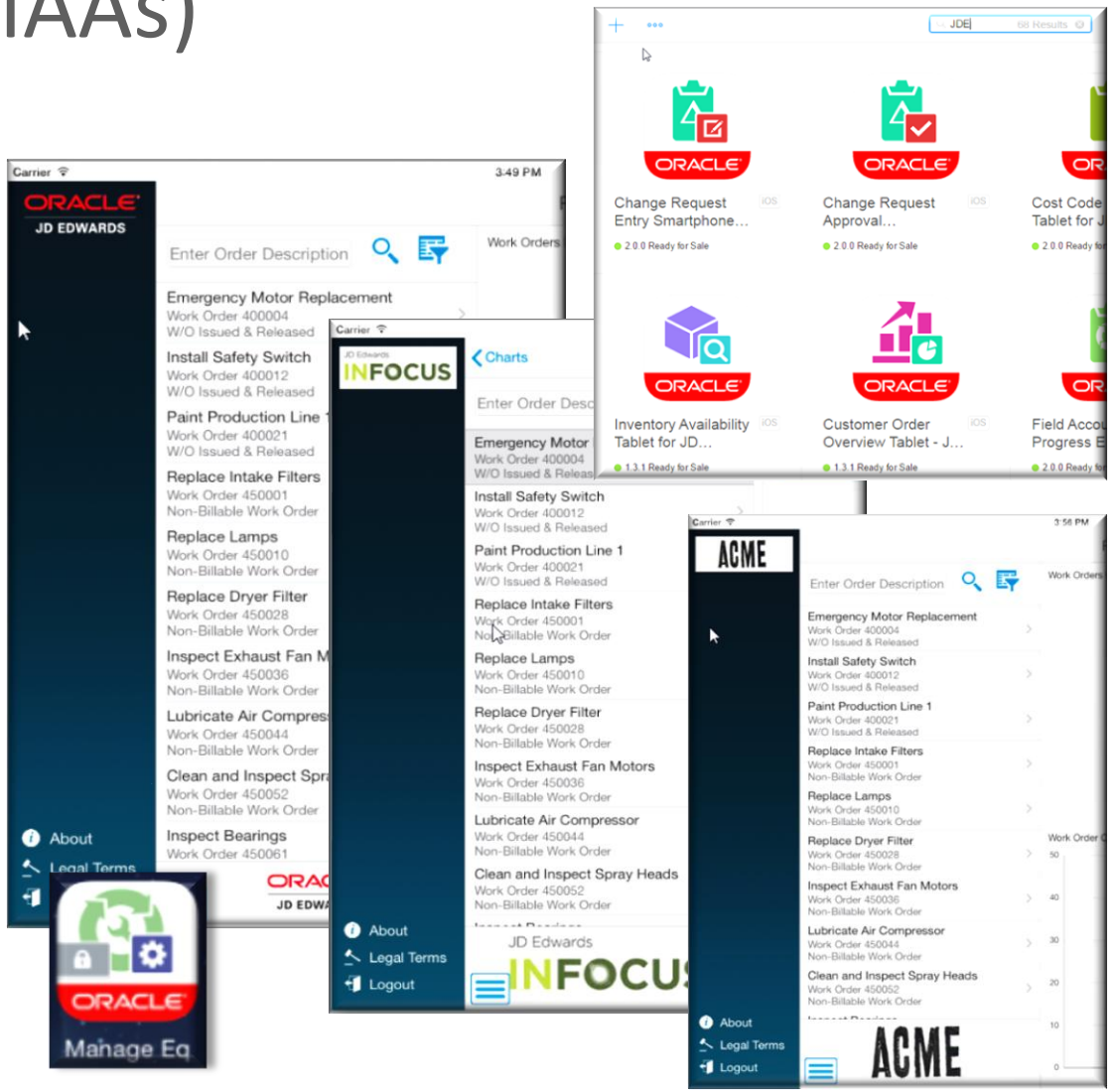
Mobile Application Archives (MAAs)

- What do MAAs do for me?
  - Allow you to Extend and Customize JD Edwards Mobile Apps
  - Enables Internal Application Distribution
  - Control Application Versioning within your Enterprise rather than being forced to take the latest update from the public stores
  - Reduce Risk of Custom Development with 3rd Party Tools and Frameworks



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How to Download a Mobile Application Archive

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JD Edwards Mobile Architecture

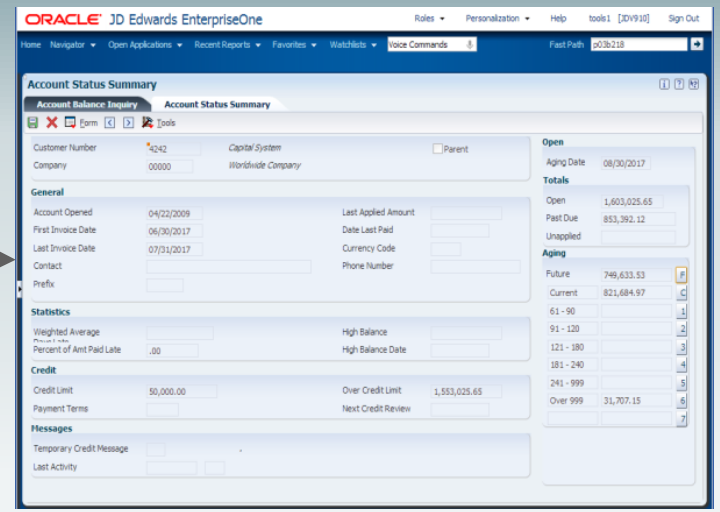
Mobile Application Framework

REST Web Service

Managed via Server Manager

Application Interface Services (AIS)

Silent App Launch



JD Edwards EnterpriseOne

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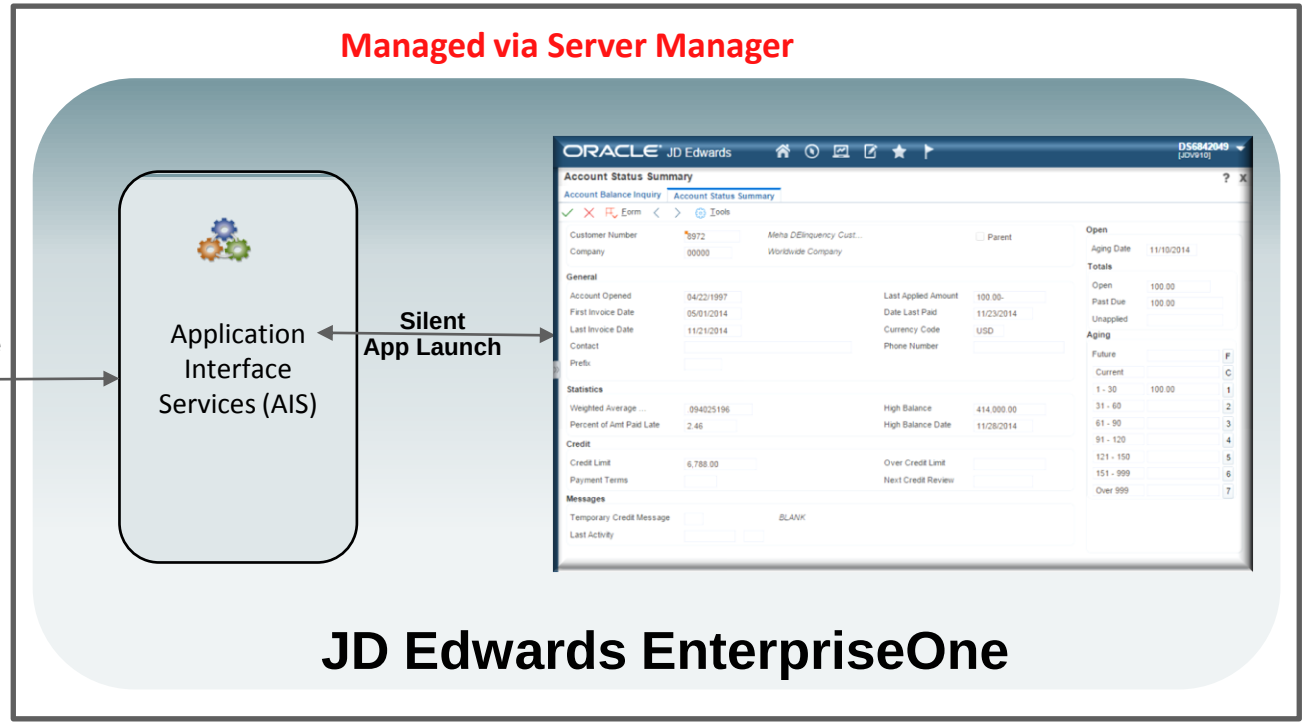
AIS Architecture Overview

REST Web Service



Oracle ADF Mobile Framework

Removes dependency on ADF server.

Generic Java 1.6+

Write anything in Java to talk to AIS server.

AIS Server

Removes dependency of 'Development' on new Business Services and Business Functions.

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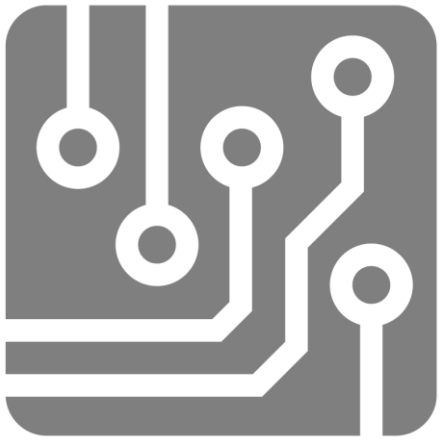
What Skills are Needed to Customize an Application?

- Knowledge of Mobile Application Framework
  - Tutorials
  - Training courses
- Knowledge of Application Services
  - Documentation
  - Samples
- Many Oracle Partners can assist



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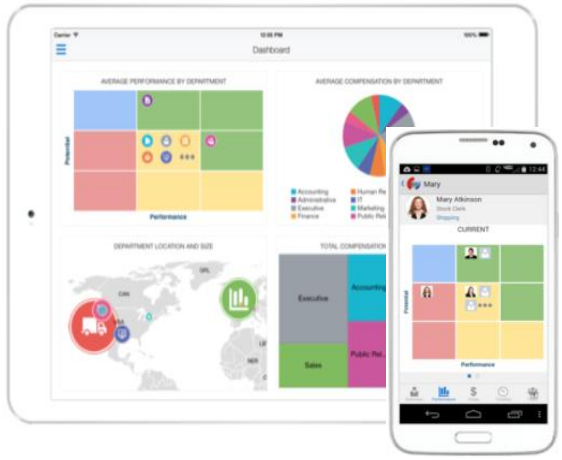
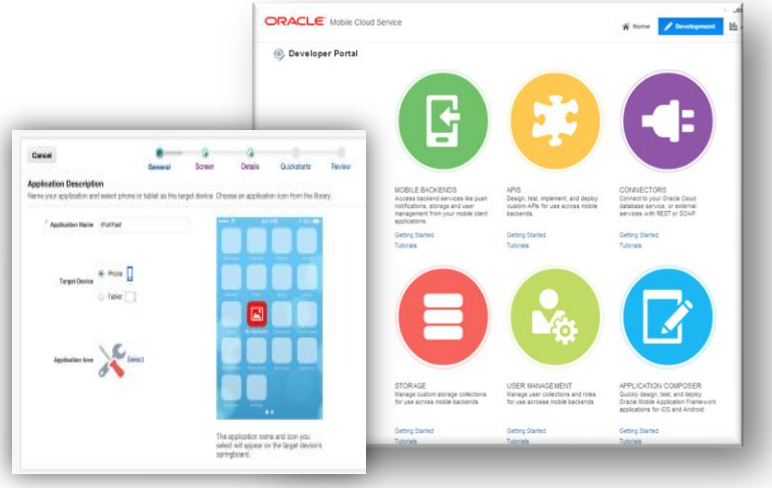
Oracle Mobile Platform

Client, Content, Context, Cloud – Simplify Enterprise Mobility

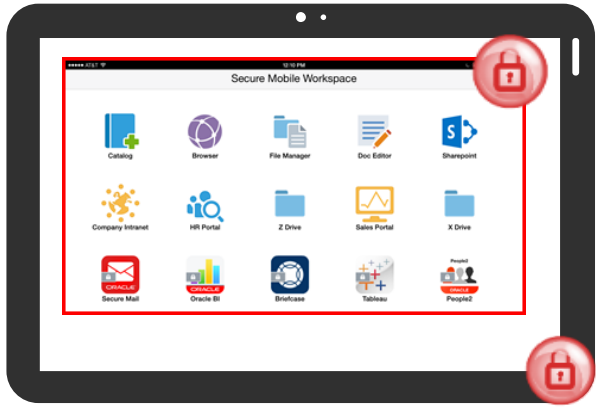
Mobile Application Framework



Mobile Cloud Service



Mobile Security



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Oracle Mobile Cloud Service

Mobile First meets API First

USE PRE-BUILT MOBILE SERVICES

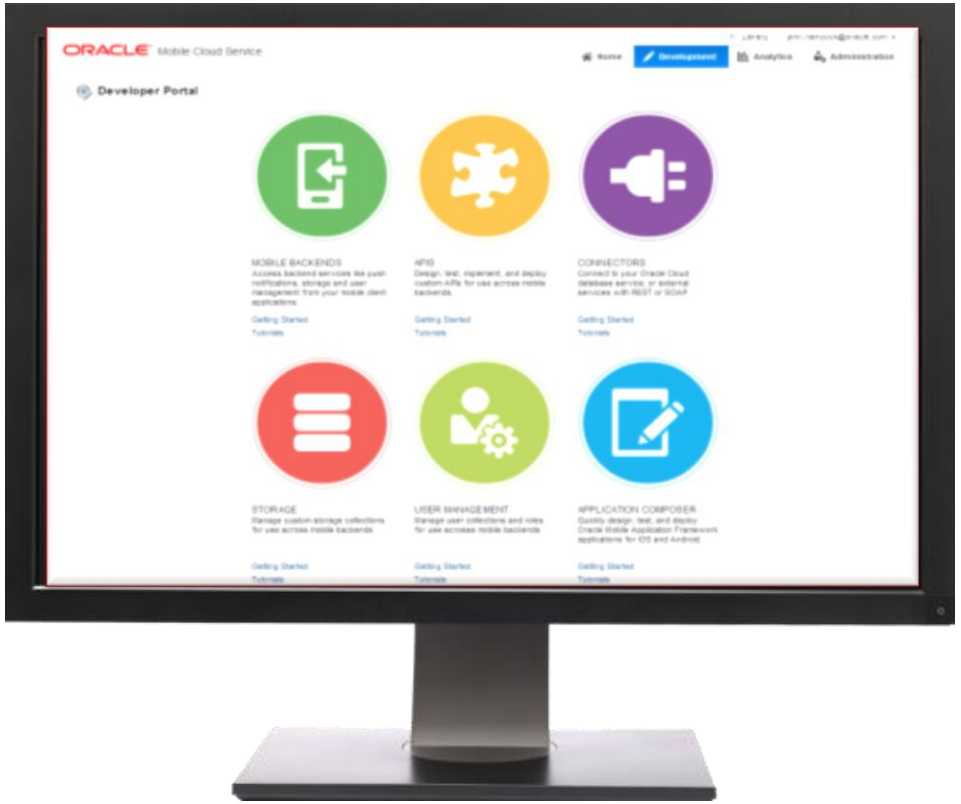
AGNOSTIC TO CLIENT DEVELOPMENT TOOLS

CREATE & EXPOSE NEW SERVICES & API'S

INTEGRATED SECURITY

ANALYZE & MEASURE BUSINESS IMPACT

BUILT IN CONTINUOUS DELIVERY SDLC



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Oracle Mobile Security Suite

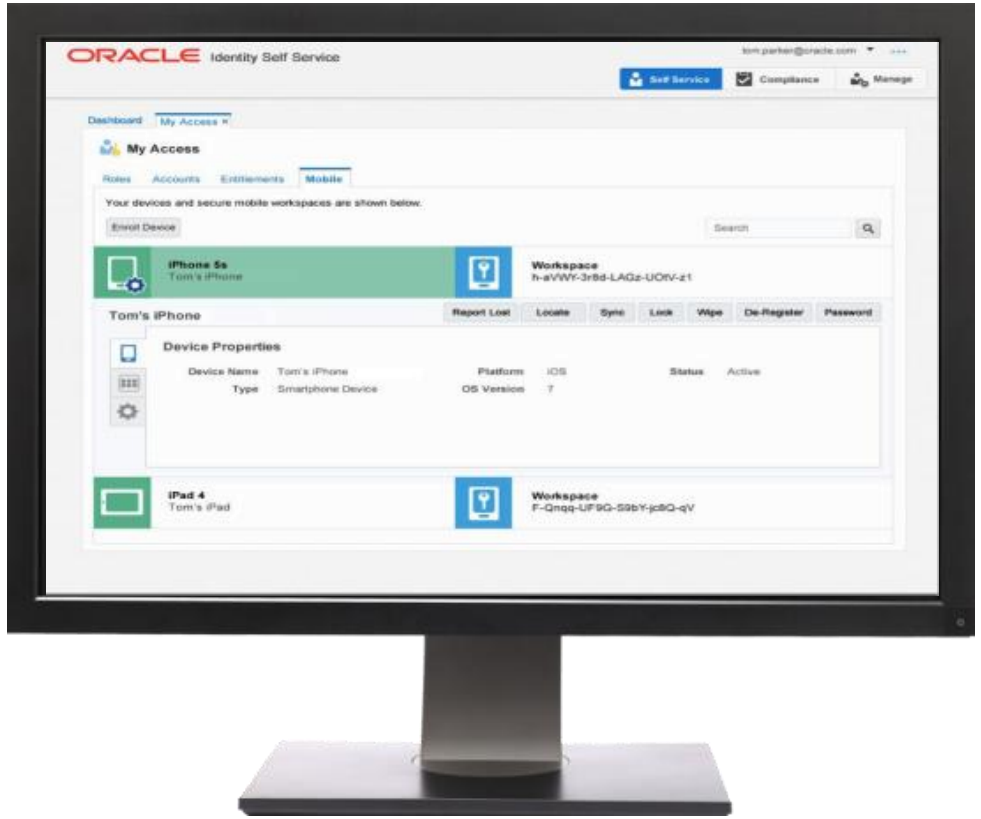
SELF SERVICE DEVICE REGISTRATION

APP MANAGEMENT AND DISTRIBUTION

SUPPORT FOR SHARED DEVICES

DEVICE LEVEL SECURITY

DEVICE MONITORING, ACTION & NOTIFICATIONS



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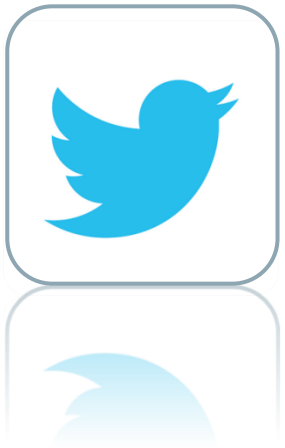
For More Information

Twitter



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Blogs

LinkedIn

YouTube

Visit: http://www.oracle.com/mobile

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Additional Information

- Oracle Support Document **1637232.2** (JD Edwards EnterpriseOne Mobile Applications)
- JDE Mobile Solutions
- Mobile Enterprise Applications Implementation Guide
- AIS Server for Mobile Enterprise Applications
- Developing and Customizing Mobile Enterprise Applications

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Thank You

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