### Getting Mobile with JD Edwards

Cindy Grim – Application Technologist, JD Edwards November 17<sup>th</sup>, 2015

# TRANSFORMATION



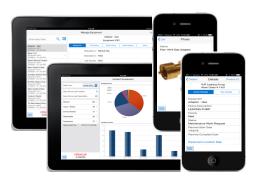
#### Safe Harbor Statement

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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**

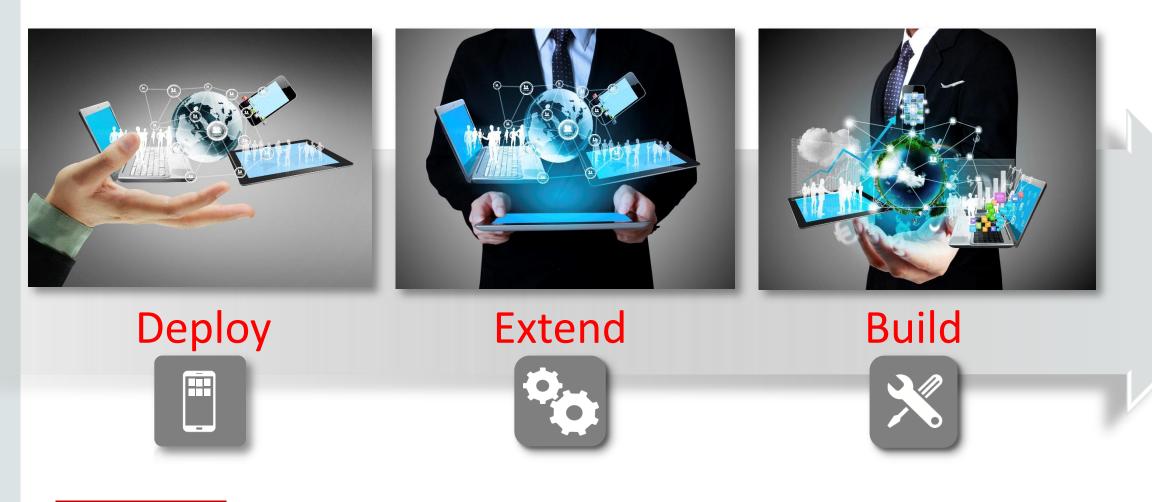


**Build Custom Applications** 

**Extend Packaged Applications** 

**Deployment Flexibility** 

#### Getting mobile... A Mobile Strategy powered by Oracle Solutions





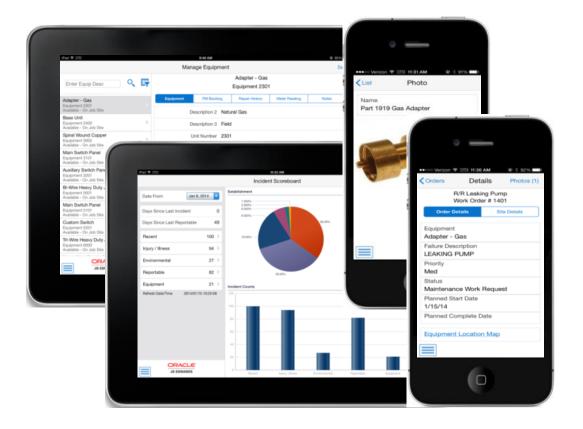
#### Deploy Mobile Applications Over 80 apps available today

- 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



#### 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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#### April 2014 (20)

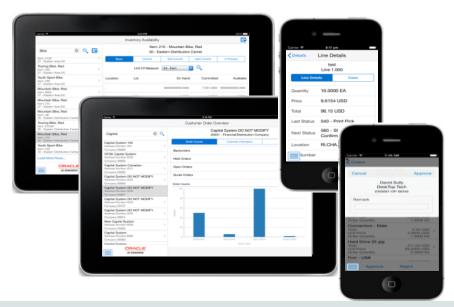
- Contact Employee for Smartphone
- Contact Supplier for Smartphone
- Create Service Order for Tablet
- Create Work Order for Tablet
- Expense Approval for Tablet & Smartphone
- Manage Cases for Smartphone
- Manage Customer Equipment for Tablet & Smartphone
- Manage My Service Orders for Tablet & Smartphone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



#### 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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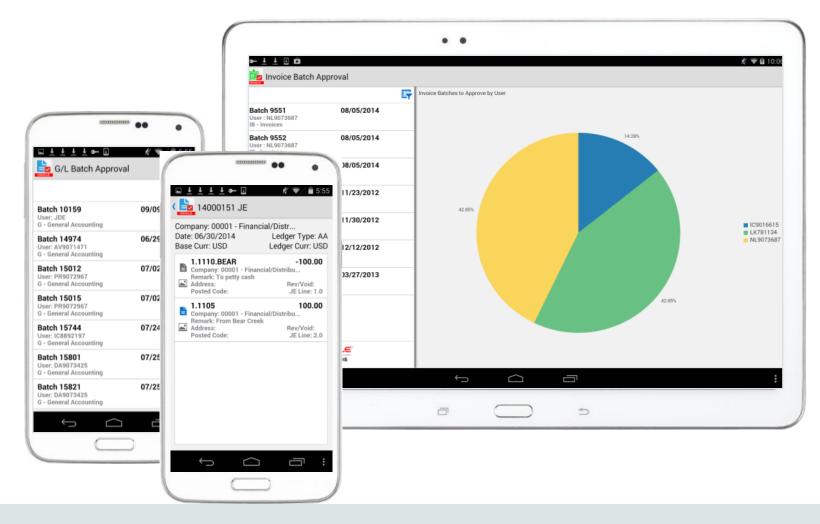
#### **October 2014 (8)**

•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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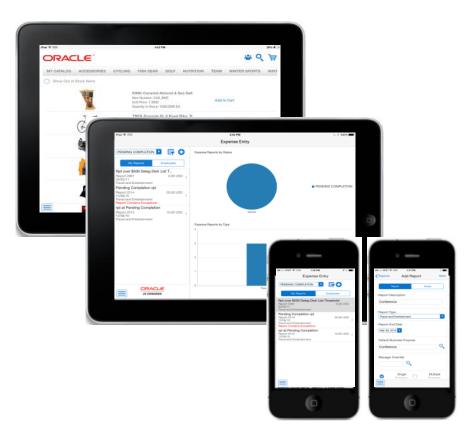
#### February 2015 (16)

- 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



#### May 2015 (3)

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





#### Recently Released

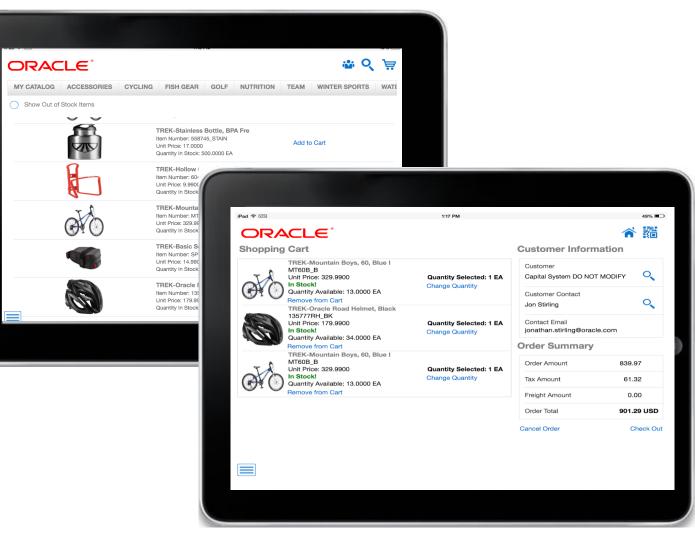
### **Sales Order Entry Tablet**

#### 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



### Disconnected Applications My Work Orders

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

iOS Simulator - iPad 2 - iPad 2 / iOS 8.1 (12B411)												
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All	Close	Upload										
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Paint Production Line 1 Work Order 400021 W/O Issued & Released	REFURBISH Work Order 4534 Maintenance Wo		>									
REFURBISH Work Order 453413 Maintenance Work Request Record Was Changed	CHECK REPL/ Work Order 4534 Inactive Work Or	464	> ar									
CHECK REPLACED MOTOR Work Order 453464 Inactive Work Order	}	Planned Start Date	6/1/17									
Record Was Changed		Planned Complete Date										
INSTALL SAFETY SWITCH Work Order 453472 Maintenance Work Request	>	Actual Finish Date	Jan 26, 2015 🔻									
CHARGE BATTERY Work Order 453481 Maintenance Work Request	>	Failure Description	CHECK REPLACED MOTOR									
		Equipment Coordinates Map										
		Site Address Manufacturing/Distribu 2907 Butterstone	Contact Name MANUFACTURING/DISTRIBU									
		Chicago IL 60621	Phone 708 575-8600									
JD EDWARDS	•		Photos (0)									

Recently

Released

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### Extend/Build Mobile Applications What if I want to do more?

Condition

Contact

Customer

Manage My Service...

10.0 Early 14 Da

0 20 OBeaty for De

Product Price

Account.

Manage

Field Account

Order...

Receipt Batch Approvals...

Change



**Mobile** Application Framework

Oracle Mobile Application Framework MAF JD Edwards Mobile Application Archives MAA

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Project Status

Project Time

0 2.00 Beats for Dr

Account.

G/L Batch

Approvals.

OPACL

Purchase

Project Time Entry Tablet

0 2 00 Ready for Sal

Contact

Employee.

ORACLE

G/L Batch

pprovals

D D D Death for De

ORACLE

Project Status

JD Edwards Application Interface Services AIS

ORACLE JD Edwards

Account Status

8972

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04/22/1997

05/01/2014

11/21/2014

0940251

Tools

Account Status Summary

int Balance Inquiry

Company

Contact

Statistics

Prefix

Account Opened

First Invoice Date

Last Invoice Date

Weighted Average

**a** o **e c** 

Application

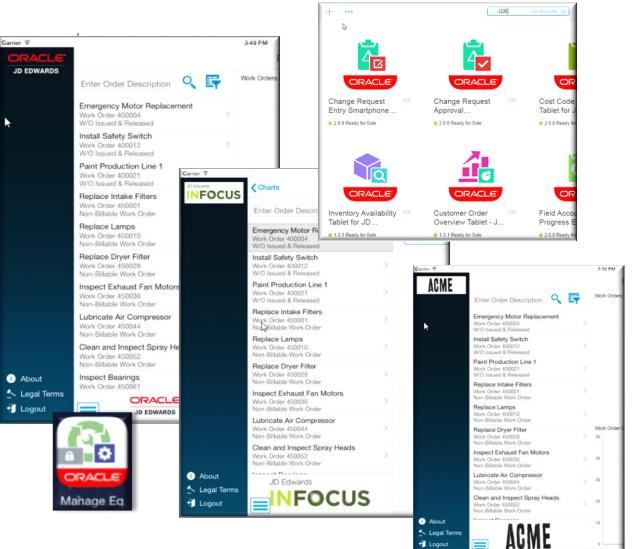
**Interface Services** 

(AIS)



### **Extend Mobile Applications** What can I change?

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



Logout



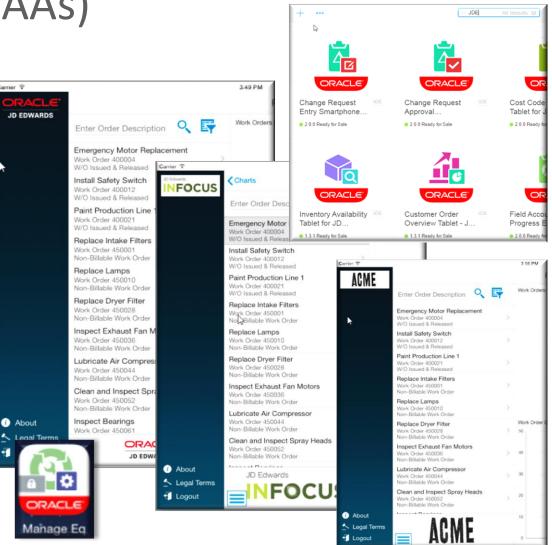
### Oracle Mobile Application Framework (MAF) Productivity Boosting Framework



- 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

### 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 3<sup>rd</sup>
    Party Tools and Frameworks

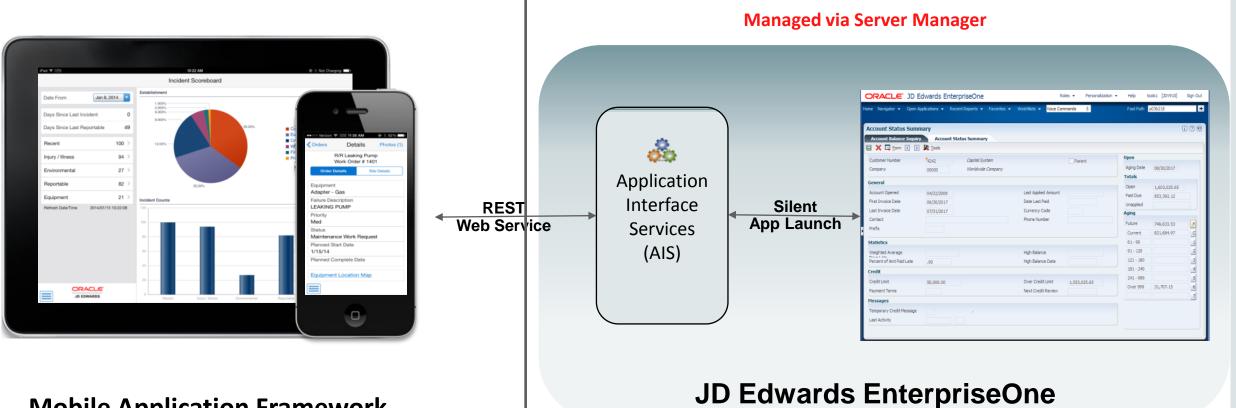


How to Download a Mobile Application Archive





### JD Edwards Mobile Architecture



**Mobile Application Framework** 

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#### **AIS Architecture Overview**



#### Oracle ADF Mobile Framework

Removes dependency on ADF server.

#### Generic Java 1.6+

Write anything in Java to talk to AIS server.

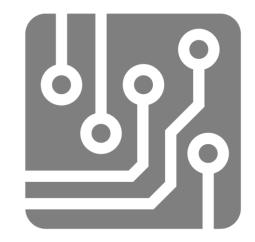
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•				First Invoice Date	05/01/2014		11/23/2014	Unapplied	100.00	
		Application 🗲		Last Invoice Date	11/21/2014	Currency Code	USD	Aging		
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				Percent of Amt Paid Late	2.46	High Balance Date	11/28/2014	61 - 90		3
				Credit				91 - 120		4
				Credit Limit	6.788.00	Over Credit Limit		121 - 150		5
				Payment Terms		Next Credit Review		151 - 999		6
				Messages				Over 999		7
				Temporary Credit Message	BLANK					
			1	Last Activity						

#### **AIS Server**

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

### 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



### Oracle Mobile Platform

**Client, Context, Cloud – Simplify Enterprise Mobility** 





#### Oracle Mobile Cloud Service Mobile First meets API First

**USE** PRE-BUILT MOBILE SERVICES

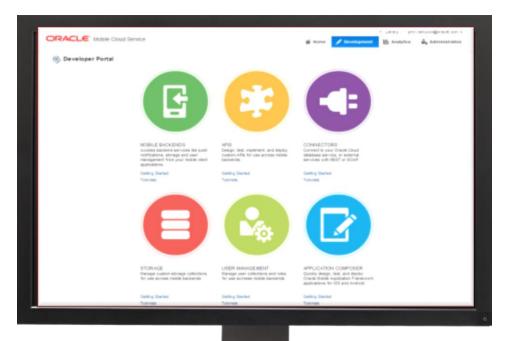
**AGNOSTIC** TO CLIENT DEVELOPMENT TOOLS

**CREATE & EXPOSE NEW SERVICES & API'S** 

**INTEGRATED SECURITY** 

**ANALYZE & MEASURE BUSINESS IMPACT** 

**BUILT IN CONTINUOUS DELIVERY SDLC** 







### **Oracle Mobile Security Suite**

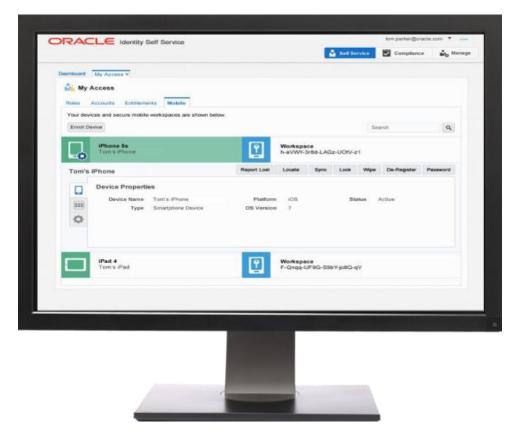
#### **SELF SERVICE** DEVICE REGISTRATION

**APP MANAGEMENT** AND DISTRIBUTION

SUPPORT FOR SHARED DEVICES

#### **DEVICE LEVEL SECURITY**

**DEVICE MONITORING, ACTION & NOTIFICATIONS** 





#### For More Information



Visit: <a href="http://www.oracle.com/mobile">http://www.oracle.com/mobile</a>



### **Additional Information**

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



## Thank You



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