



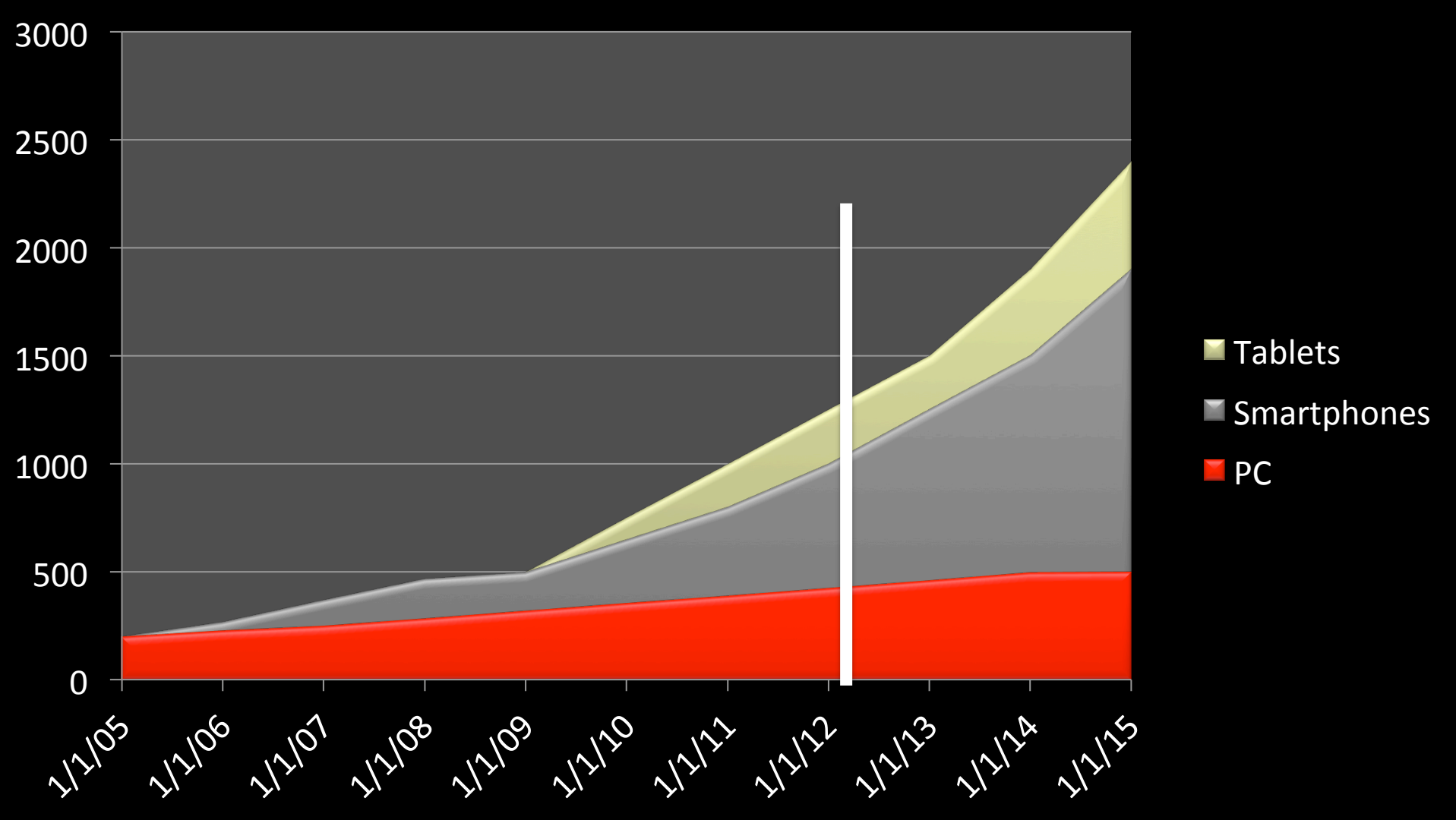
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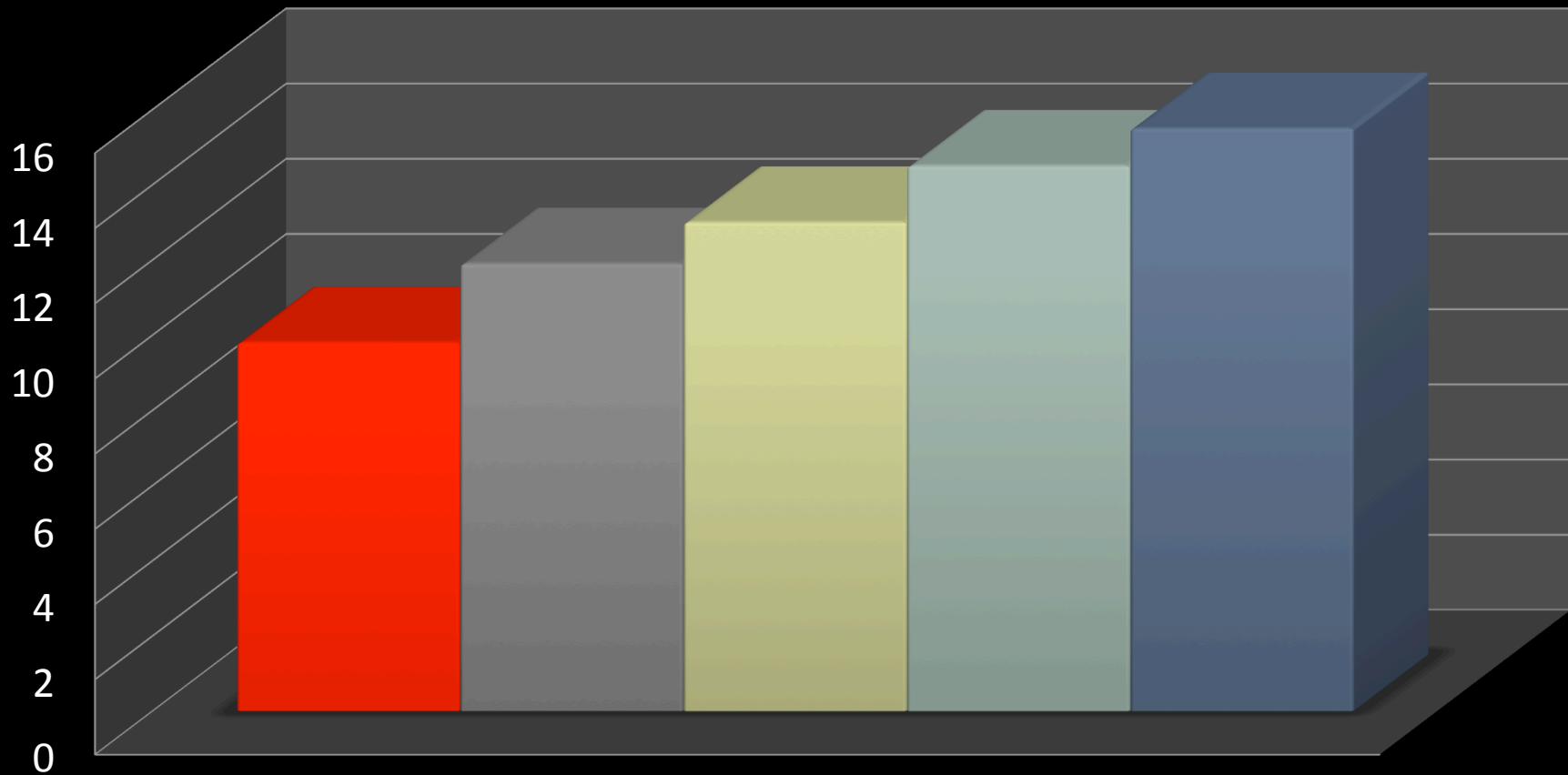
Oracle Application Development Framework (ADF) Mobile Development

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@jernejkase

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Unit Sales

■ Acer ■ Dell ■ Lenovo ■ HP ■ iPad



New Expectations



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OBIS

2190026196 Oprava dokladu 1 Akro CEZ

2190026194 Oprava dokladu 1 Akro CEZ

Ext. doklad _____ Oprava 1 Datum dokladu 25.09.2007 _____ Akro _____

Zp. dopravy _____ Název _____ Poznámka De ceniku v hierarchii - rp_aktel

Datum potvrzení _____ Číslo pokladny _____ Kód pohybu _____

Celkom	Množství	NC	DN	PC	SC
2.000	2.000	117.18	0.00	200.00	236.00

Poslední oprava

Kód položky	Odd.	Kód	Opr.	Rád.	Datum zprac.	Organizace	Množství	NC
213310-TATRACH-00007	11026	219	1	1	25.09.2007		2.000	
441000-SLUZBYD-00001	11026	219	1	2	25.09.2007		0.000	
242600-CITY BA-0000773	11026	219	1	3	25.09.2007		0.000	

HISTÓRIA OZ

Menu ?

Oddělení 11027 Účetní m

Historie Doklad oběhu zboží



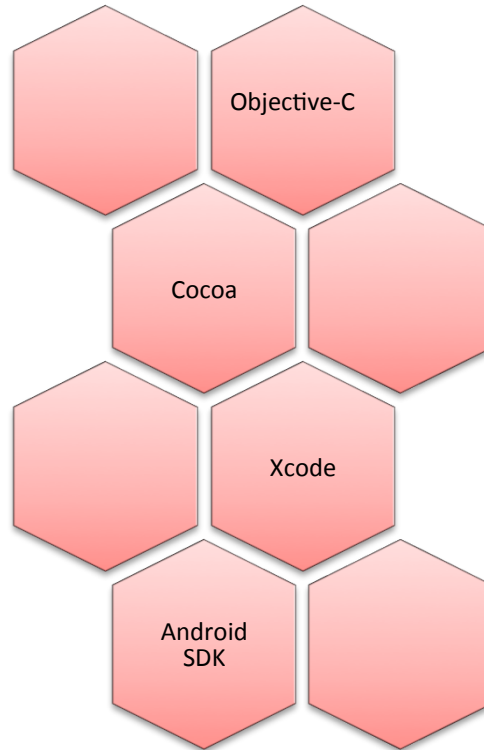


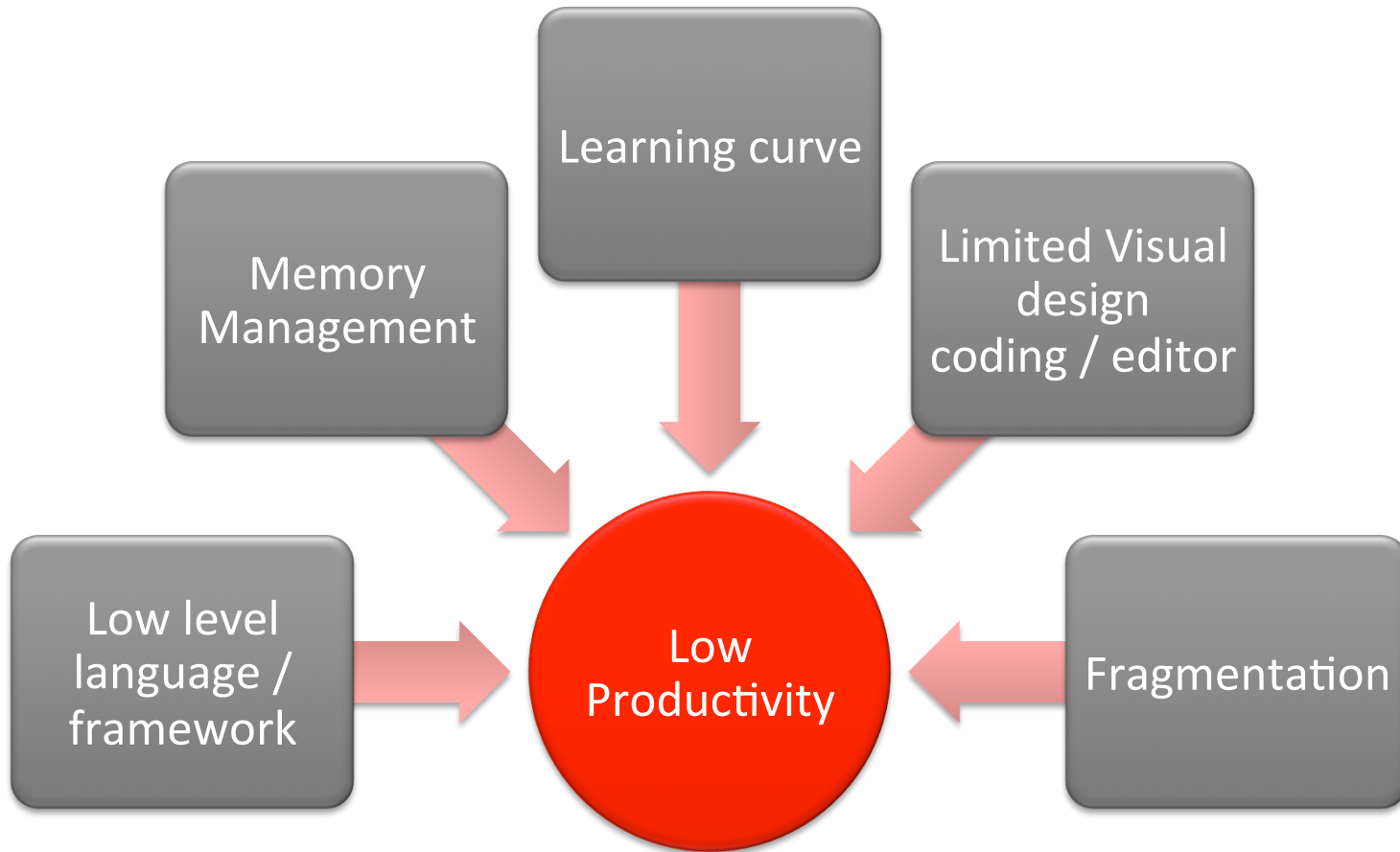
New Possibilities

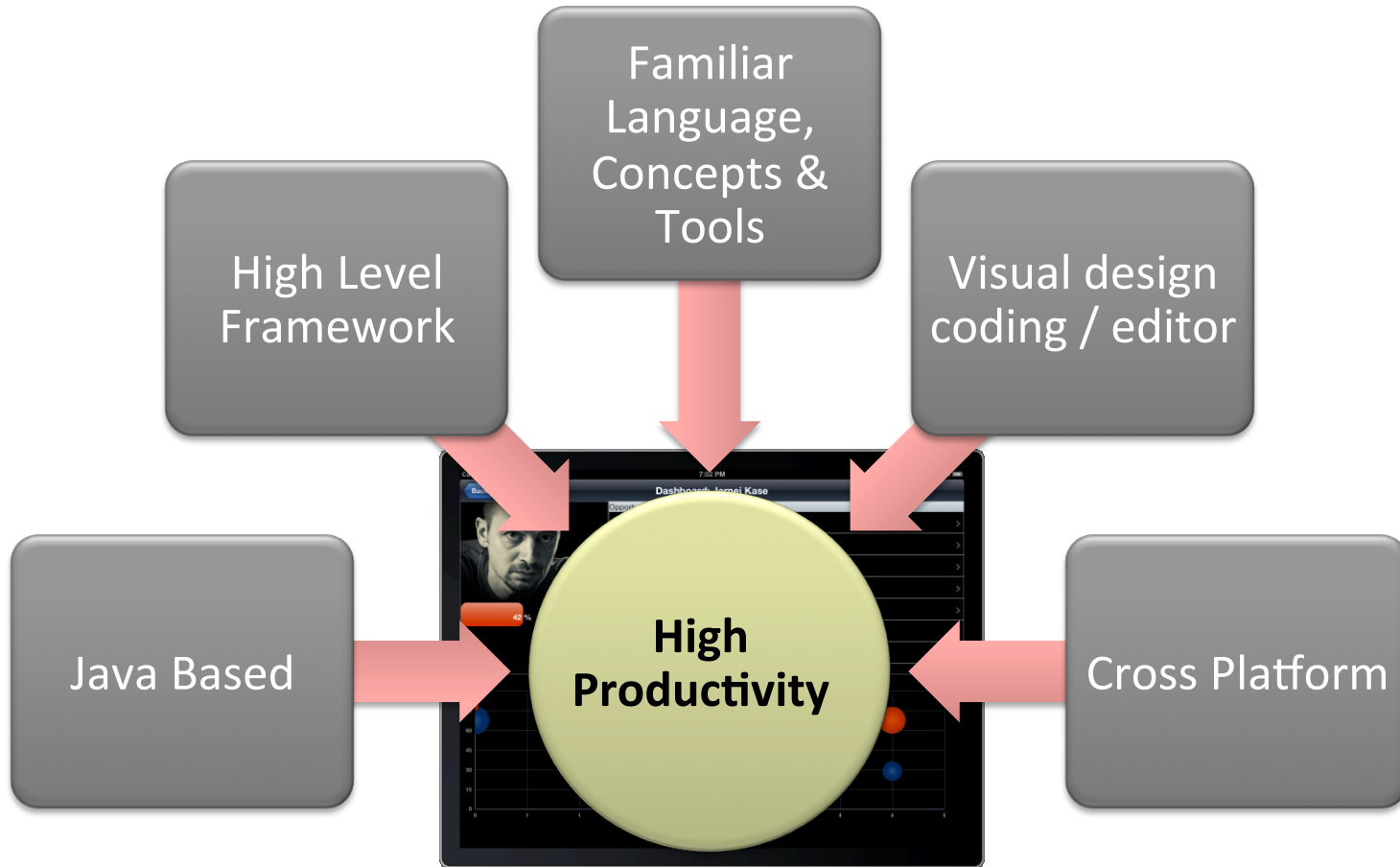
What are the **Challenges** of mobile development?

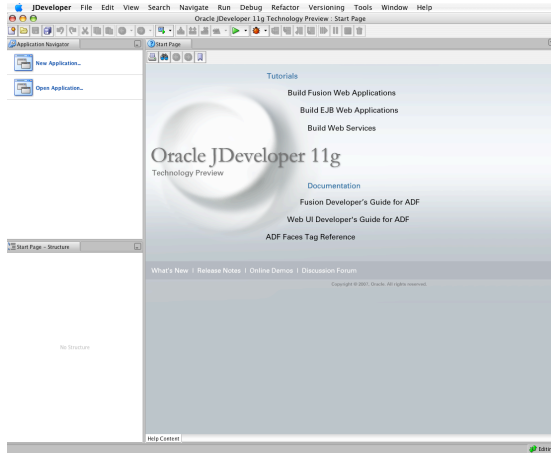
						
North America Grounded NEMA 5-15	Japan Non-grounded JIS C 8303	Europe German style CEE7/4 Schuko	Europe French style Schuko	Europe/Russia Non-grounded CEE7/16 Europlug	Great Britain Grounded BS-1363	Great Britain "Shaver socket" BS-4573
						
Australia/China Grounded AS-3112	Italy Grounded CEI 23-16	Switzerland Grounded SEV-1011	Denmark Grounded SRAF 1962/DB	Israel Grounded SI 32 (IS 16A-R)	India Grounded BS-546 "Small"	South Africa Grounded BS-546 "Large"

Learning Curve









A Single Tool



A Single Team



Extreme Productivity

ADF Mobile

For applications accessed by Advanced Mobile Users

- Declaratively develop hybrid on-device apps with HTML5 UI
- Access local storage and device services (camera, bar scanner, etc.)
- Reuse existing ADF development skills
- Minimize development cycle for supporting new mobile platforms



ADF Mobile

HTML5 delivers compelling UI

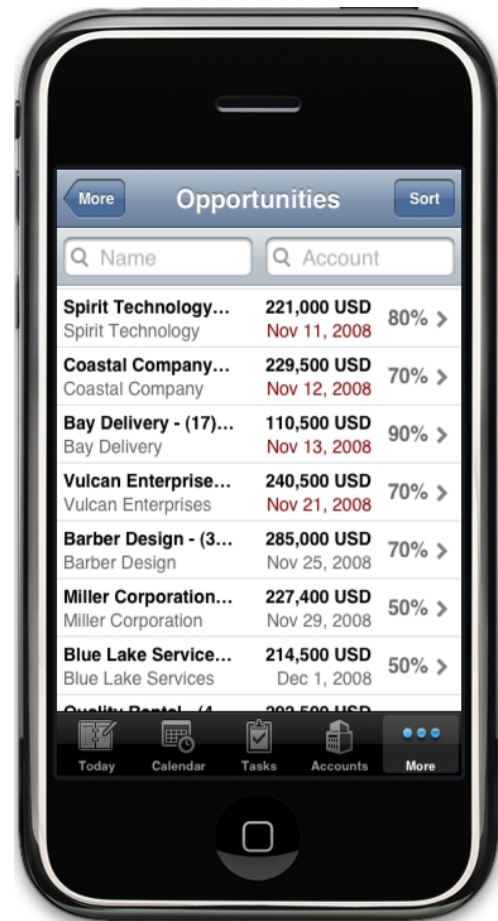
- Device native user experience
- Spring board and tab bar for feature navigation
- Advanced HTML5-based UI
 - Full animation, gesture, and touch interaction support
 - Interactive Data Visualization Components



ADF Mobile

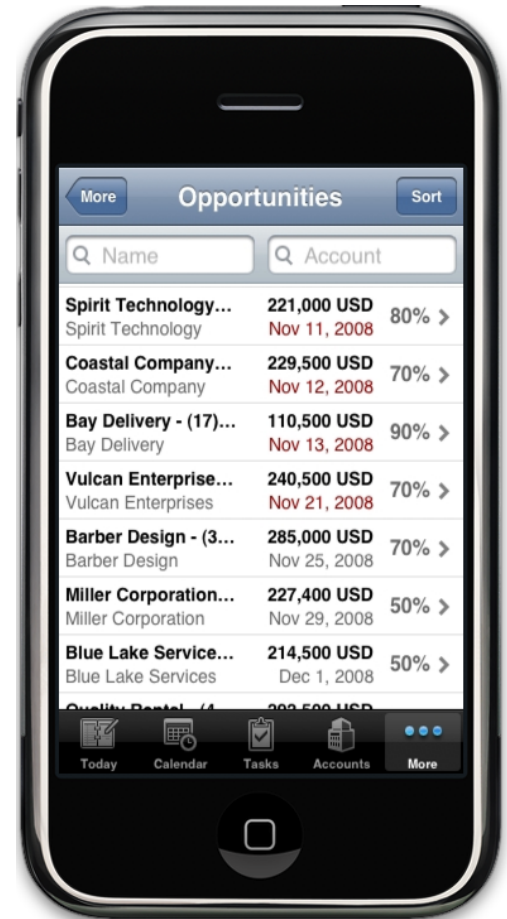
Hybrid mobile application platform

- Thin Native Framework on each platform
 - Allows for native application install
 - Allows for device interaction
- Uses PhoneGap
- HTML/JavaScript Frontend
 - JQuery based
- Java Backend
 - Includes headless JVM on iOS
- Content packaged as Features
 - Name, icon, images, constraints
 - Packaged in .far file. Assembled into apps



ADF Mobile – Content options

- Local AMX File
 - JSF-like file built visually in JDeveloper
 - Generated into HTML/JS on device at RT
 - Uses JQuery renderers initially
- Remote URL
 - ADF Trinidad for Smartphones
 - ADF Faces (HTML5) on Tablets
 - A data visualization toolkit
 - Any third-party site
- Local HTML File
 - Hand-coded HTML5 pages
- Native view
 - Platform specific (non portable)



Device Services Integration

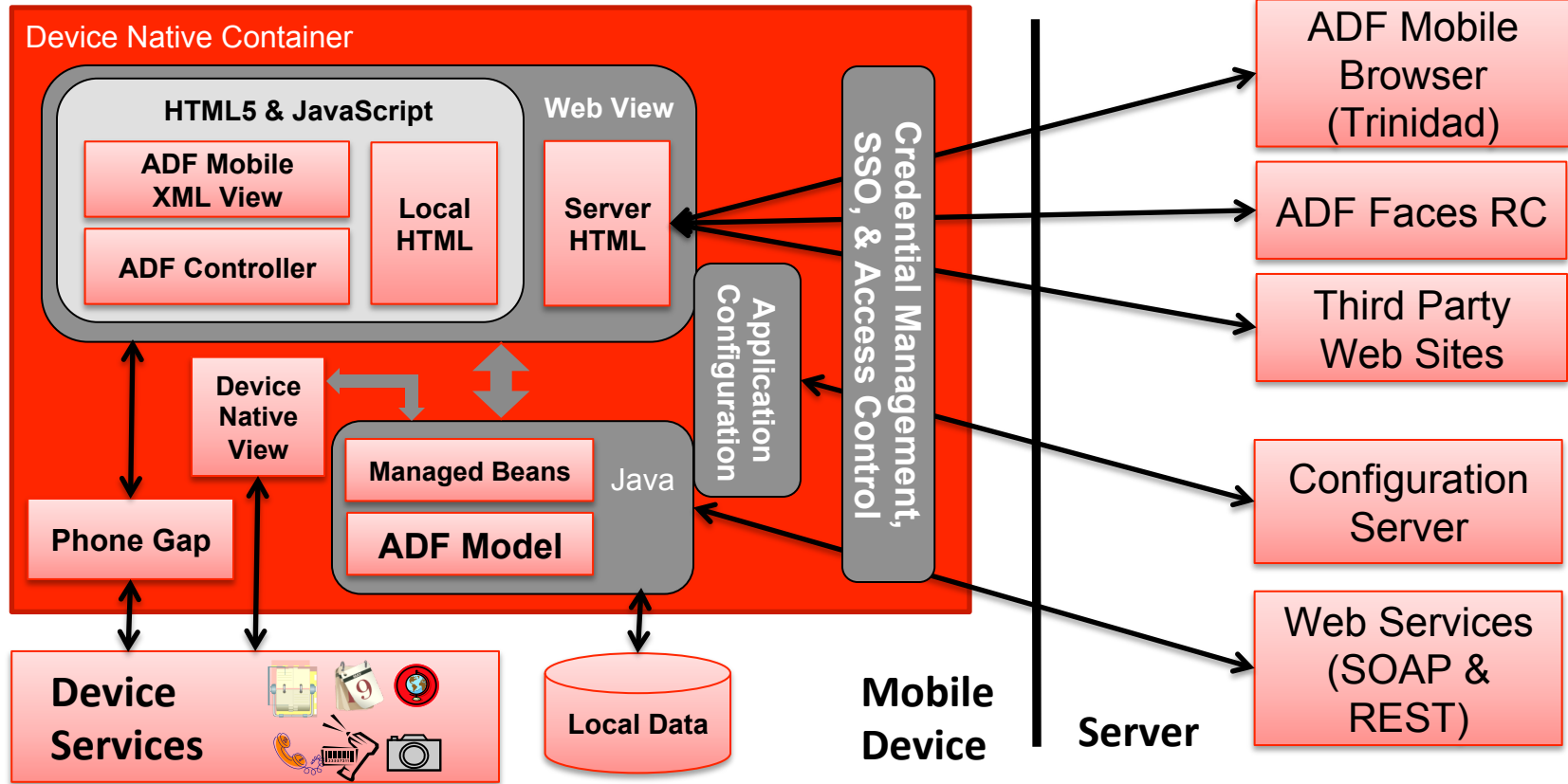
- Thin native application container provides device services integration
 - Contacts
 - Calendar
 - GPS
 - Phone
 - Bar code scanner
 - Camera
 - SMS
- Leverages Open Sourced PhoneGap
 - Abstracted for easy integration
- Common interface across all platforms
- Gracefully handle device services availability



Access and Security

- Authentication:
 - SSO Integration across Features
 - OAM/OID support (i.e. integration with Fusion Middleware)
 - Can support offline authentication
- Access Control:
 - Role based access (show/hide UI)
- Encryption:
 - Credentials in Keystore
 - Local data
 - Communication channels

ADF Mobile Architecture

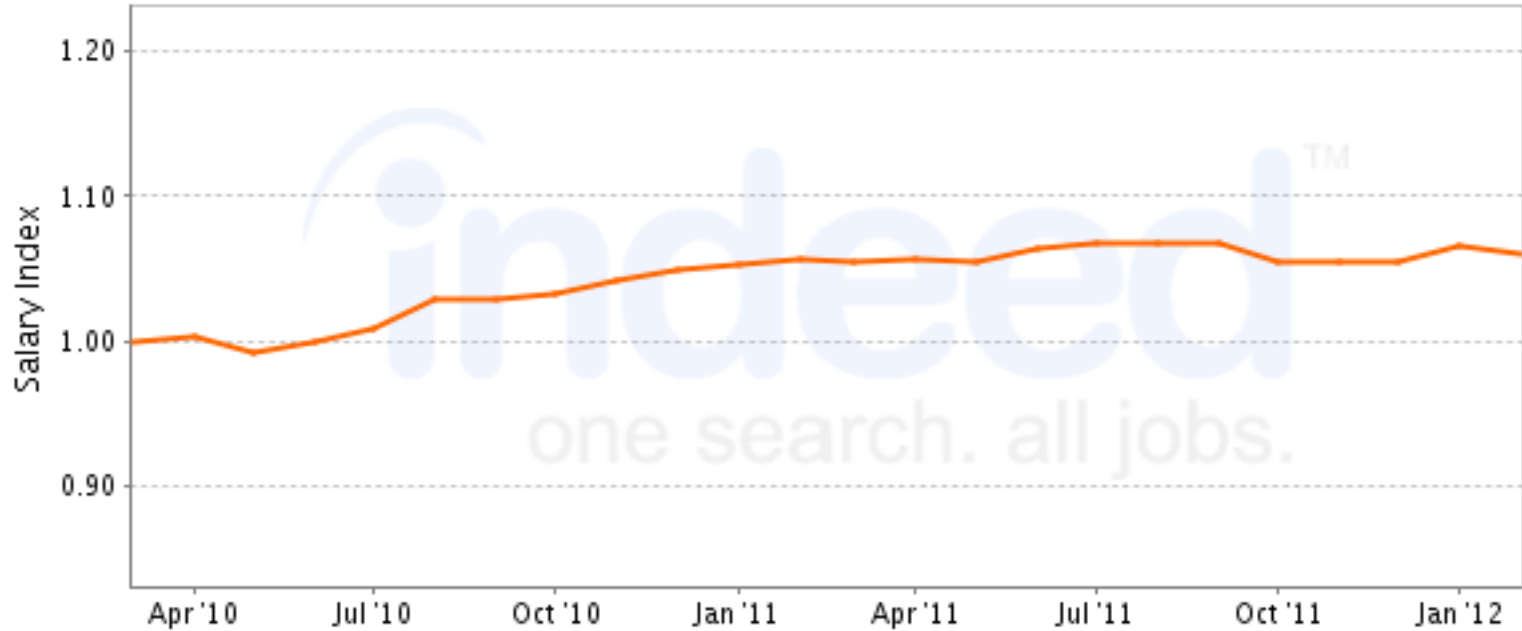




**ADF is a huge
Opportunity**

National Salary Trend from Indeed.com

— Java Development Team Lead



Get started with ADF

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