

Using Mobile BI: When and Where You Need It! Session 12837

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Vlamis Software Solutions



- Vlamis Software founded in 1992 in Kansas City, Missouri
- Developed more than 200 Oracle BI systems
- Specializes in ORACLE-based:
 - Data Warehousing
 - Business Intelligence
 - Design and integrated BI and DW solutions
 - Training and mentoring
- Expert presenter at major Oracle conferences
- <u>www.vlamis.com</u> (blog, papers, newsletters, services)
- Developer for IRI (former owners of Oracle OLAP)
- Co-author of book "Oracle Essbase & Oracle OLAP"
- Beta tester for OBIEE 11g
- Reseller for Simba and Nokia map data for OBIEE
- HOL Coordinator for BIWA Summit 2013









Presentation Agenda

- Introduction
- Mobile BI Overview
- Oracle's BI Option
- 3rd Party Options
- Oracle BI Demo
- Q & A





Mobile BI Considerations

- Target Audience
 - Executives | Managers | Workers
- User Experience
 - View | Analyze | Take Action
 - Disconnected?
- Security
 - Access | Data
- Development Effort
 - Low | Medium | High
- Architecture
 - App | Browser | Hybrid





Target Audience

- Who are the target audience?
 - Executives
 - Managers
 - Workers
- Which mobile BI functionality do they need?
 - Query Dashboards and Reports
 - Receive Alerts
 - Create or modify Reports
 - Save locally
- What do they desire of the system?
 - Speed
 - Simple to use
 - Same Reports as Non-Mobile





User Experience

- How will users interact with the system?
 - View Only
 - Perform Analysis
 - Take Action
- Which mobile devices will they use?
 - Only one type
 - Multiple types (smart phones and tablets)
- Which Platform?
 - Single (Apple or Android)
 - Multiple (Apple and Android)





Security

- What credentials will the user need to access the system?
 - Web SSO
 - VPN
 - Other
 - None
- Is the required security supported by Device?
 - Web based is generally easier
 - App Based can be difficult





Architecture

- Which architecture to choose?
 - Native Application
 - Browser
 - Hybrid
- What are pros and cons of the choice?
 - Scalability
 - Manageability
 - Development effort





Development Effort

- What's the level of effort required to?
 - Develop new content
 - Enable existing content
- Are skills and tools required for mobile vs. web development?
 - Same
 - Different
- Is there any BI content available out-of-the-box?
 - Build
 - Buy





Oracle's Solution

Oracle Business Intelligence Mobile

- Built on OBIEE 11g
- Optimized for smartphone and tablets
- Apple iPhone, iPad and iPod
- Zero training to interact with data on mobile devices
- OBIEE Security Model
 - SSL, SSO, VPN







Lower TCO through Content Reuse

- Reuse of OBIEE content
 - Dashboards
 - Analyses
 - BI Publisher Reports
 - Actions
 - Agents
 - Guided Navigation and more









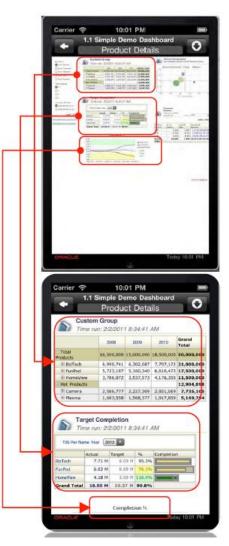
Enhanced for Smartphones and Tablets

- Gestural interactions
- Orientation Recognition
- Optimized Layouts











Oracle BI Mobile Functionality

- Recent History
- List of Dashboards
- Favorites
- Local off-site saving
- Email of content supported
- Printing
- Search







Today .. 11.1.1.7!

- Easily connect to an OBIEE environment
- View reports, dashboards, alerts, and scorecards
- No special configurations required for charting and maps
- "Wrapper" application with touch UI around a web viewer
- Option to reorient dashboard layout for a simpler "mobile" view
- iOS support only (iPad/iPhone)
 - Included with BI Foundation License; separate charge otherwise







Some 3rd Party Options

Roambi

SurfBI





Roambi

- 7 view types designed for multi-touch UI Blink, Cardex, CataList, Elements, Layers, PieView,Squares, SuperList, Trends
- Data is fed into a publisher utility to create the views
- Enterprise server can connect to OBIEE 11g, Essbase, data files, and other BI tools
- Once a view is created, data can be refreshed on the device using the enterprise server
- Data is stored locally in a secure fashion
- Apple iOS only





Roambi - Examples





Roambi - Examples

Pad 		0	Flastwarden						
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razil	\$215,983	\$220K \$220K \$206,975		Bangladesh ^{Ja} Brazil Arger	pan		+95.493	+133,432.00	
aly	\$179,322	\$164K \$173,302	— I		xico		+88,099.00		
spain	\$212,070	\$216K \$213,748		Chile Philip China Banglad			+61,162.00 +57,422.00		
Iexico	\$214.893	\$204K \$213,382		Colombia Venez			+54,987.00		
Chile	\$132.690	\$113K \$157,303		France Switzer	land		+11,547.00		
sweden	\$174.467	\$178K \$172,074		Germany Car Italy Paki			+4,205.00 +2,166.00		
witzerland	\$219,286	\$244K \$224,518		Japan E Mexico Gem	gypt	-5,41	17.00		
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Roambi Create Content

• Publish BI Content in Book or

Presentation Modes

- Include in Standard Roambi Views
- Convert PowerPoint and Keynote
- Integrate PDF, Text, Graphics, Video
- Viewer App for Secure Distribution





SurfBl

- Creates 'mobile' dashboard from OBIEE dashboard components
- Reads OBIEE catalog to generate new app widgets with multi-touch UI
- Contains additional widgets that can be built from existing data feeds
- Online and offline modes (with remote wipe)
- iOS and Android
- OBIEE 10g/11g + Other
- Lightweight write-back for supported ERP sources
- "Image BI"

ABORATE13

- Voice command (supported devices)
- GPS & camera integration
- Collaboration (FaceTime, Jabber, Webex)





SurfBI - Dashboard





Resource No.	Resource Name	Skill Set	Available Time (Hrs)	Planned Time (Hrs)
R09123	Dan Wexler	SK1	7	5.5
R07821	Ron Jackson	SK78	8	7.1
R98762	Tina Morrison	SK21	8	7.2
R65278	Mark Mitchel	SK1	8	6
R39123	Wanda Robertson	SK78	6	5
R09151	Perry Jakson	SK25	6	6
R07998	Dan Peterson	SK1	8	7
R98742	Hugh Grant	SK78	8	3



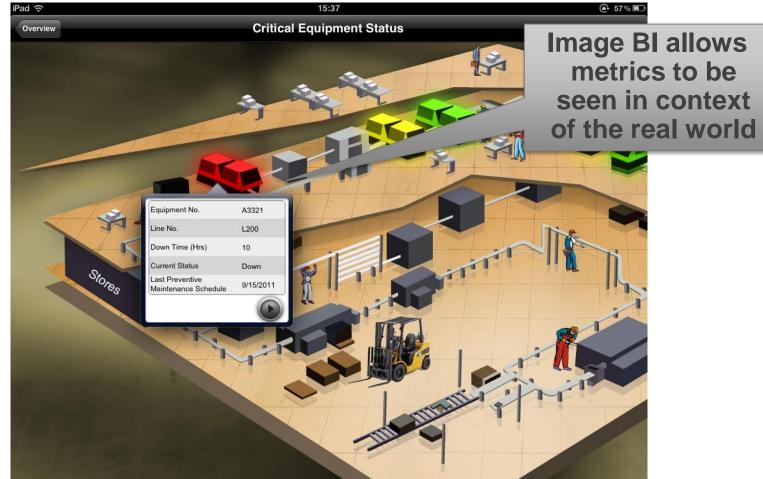
Asset No.	Next Schedule Start Date	Schedule End Date	Planned Dowr Time
A2230	10/04/11	10/04/11	12
A0987	10/03/11	10/11/11	90
A5621	10/02/11	10/03/11	15
A0976	10/04/11	10/10/11	40
A4023	10/03/11	10/04/11	15
A6542	10/04/11	10/04/11	6

Preventive Maintenance Schedule





SurfBI – Image BI







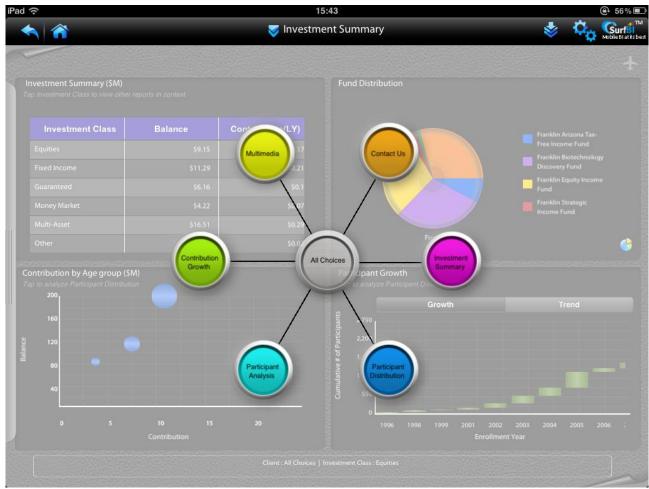
SurfBI - Pop-out Prompts







SurfBI - Custom Navigations







Oracle BI HD Demo





Questions?





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