IBM Performance 2011
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What's New in Cognos 10.1.1

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Important Disclaimer

Agenda

- Going back in time – Cognos 10.1 Release
- New features in Cognos 10.1.1
- Demo:
  - Cognos Mobile on iPad
  - Sneak Preview – What's in the Labs?

Going Back in Time – October 2010

Cognos 10 – First Business Analytics Solution to Deliver...

All Capabilities

Single Workplace

Online & Offline Use

Proven Platform

Delivered In Any Form

C10

Collaboration Enabled

All Time Horizons
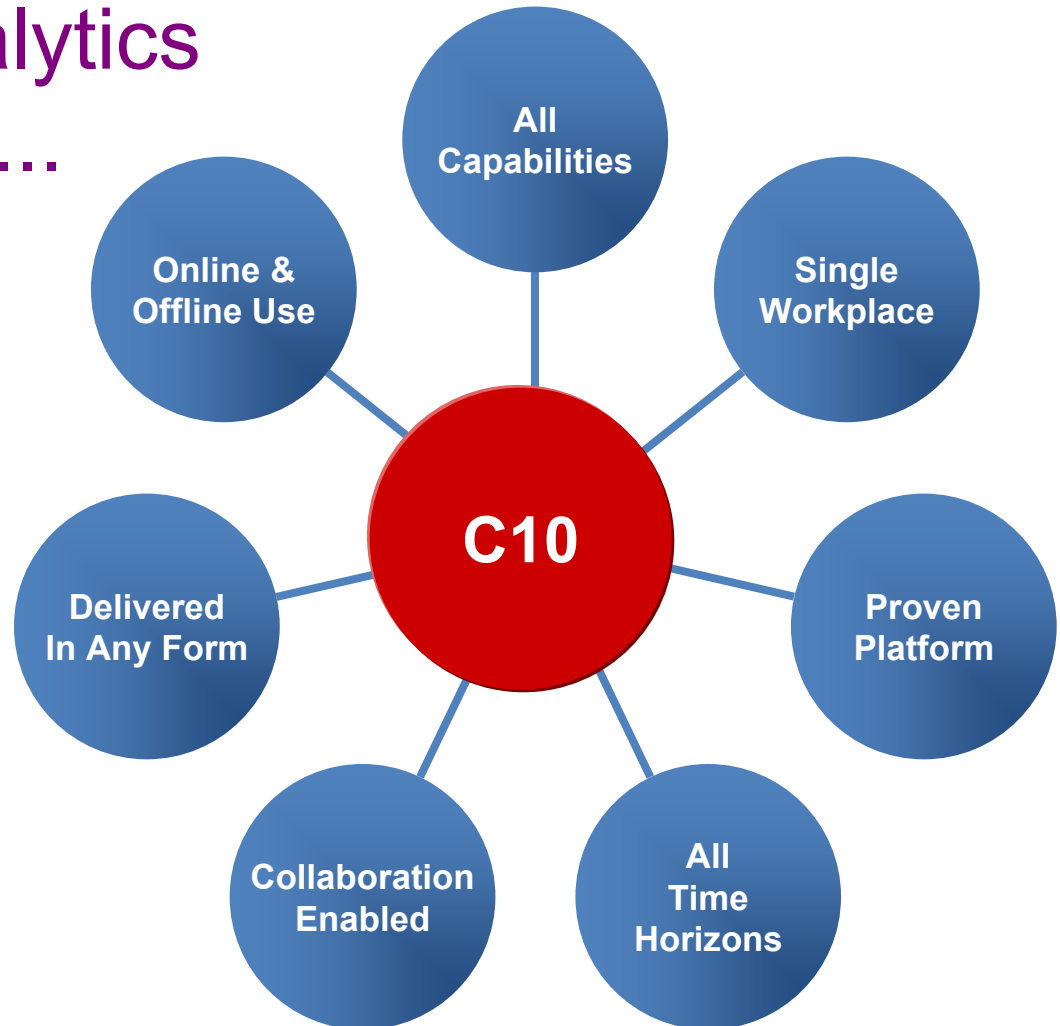
Highlights in Cognos 10

- Business Insight

- Business Insight Advanced

- Active Reports

- Statistics

- Collaboration

- External Files

- Mobile Web
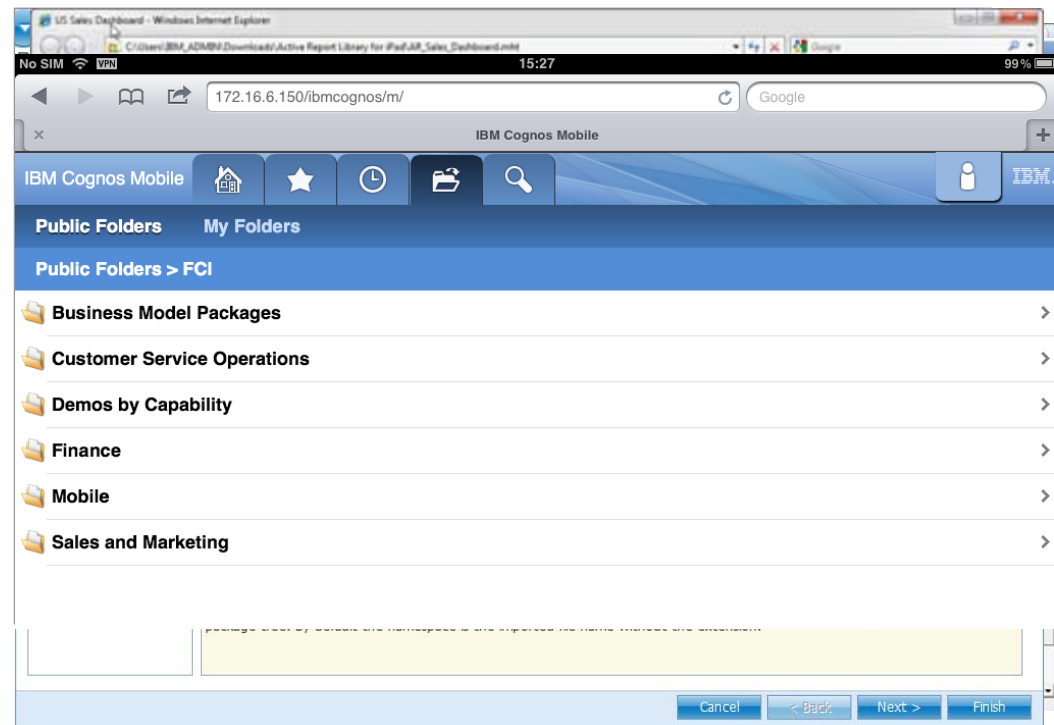
New in Cognos 10.1.1 - Overview

- DQM – *Extended Data Provider Support*

- 64bit – *Alignment with Architecture Standard*

- Active Reports – *Extended Functionality*

- Cognos Analysis for Microsoft Excel
  – *Extended Functionality*

- Content Archival – *New Feature as of 10.1.1*

- Mobile – *Extended Platform Support*

New in Cognos 10.1.1 – DQM Extended

- ## DQM – Extended Data Provider Support
  - Cognos 10.1 – OLAP Only
    - IBM Cognos TM1
    - Oracle Essbase
    - SAP BW
  - Cognos 10.1 Fix Pack 1 (July 2011)
    - IBM Netezza
  - Cognos 10.1.1 – Relational Included
    - IBM DB2
    - Oracle
    - MS SQL Server
    - Teradata
    - + 1 Extra OLAP: MS SQL Analysis Services

New in Cognos 10.1.1 – DQM Extended

- ## DQM – *Extended Data Provider Support*

  - – Relational

    - No more need for Data Clients: works with JDBC
    - Optimized OLAP experience with Dimensionally Modeled Relational (Hybrid SQL/MDX)

  - – OLAP

    - Overall Performance Optimization

Total avg response time for 30 concurrent users; Compatible vs. Cognos Dynamic Query

TM1	SAP BW	Oracle Essbase

18GB IBM TM1 Cube
Sales Application

8358.8

2576.2

Compatible query
Dynamic query

3GB SAP/BW Cube
Concurrent Users

78.69

22.06

Compatible query
Dynamic query

3GB Essbase Cube
Concurrent User Load

531.54

29.39

Compatible query
Dynamic query
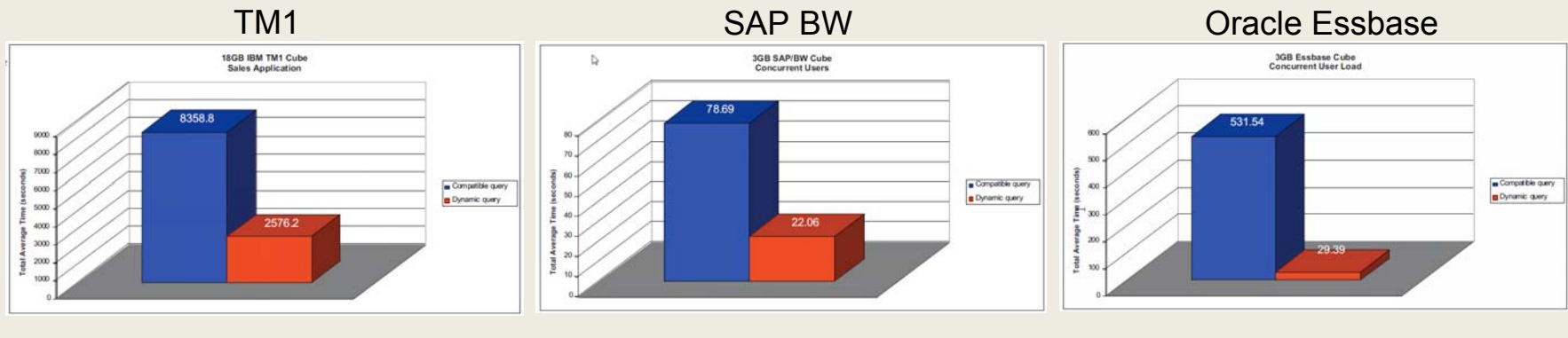
New in Cognos 10.1.1 – 64bit Extended

- 64bit – Alignment with Architecture Standard
  - Added 64bit Support for Cognos 7 Authentication Namespace
  - Added 64bit Report Server (DQM only)

- Why 64bit – Most Important Reasons
  - Industry Standard of most infra suppliers
  - Break through "2-3 GB RAM per Process" limitation of 32bit architecture

Note: Web Gateway and Metric Studio still 32bit

General Advise on 32bit or 64bit Deployment

http://www.ibm.com/developerworks/data/library/cognos/infrastructure/cognos_specific/page594.html
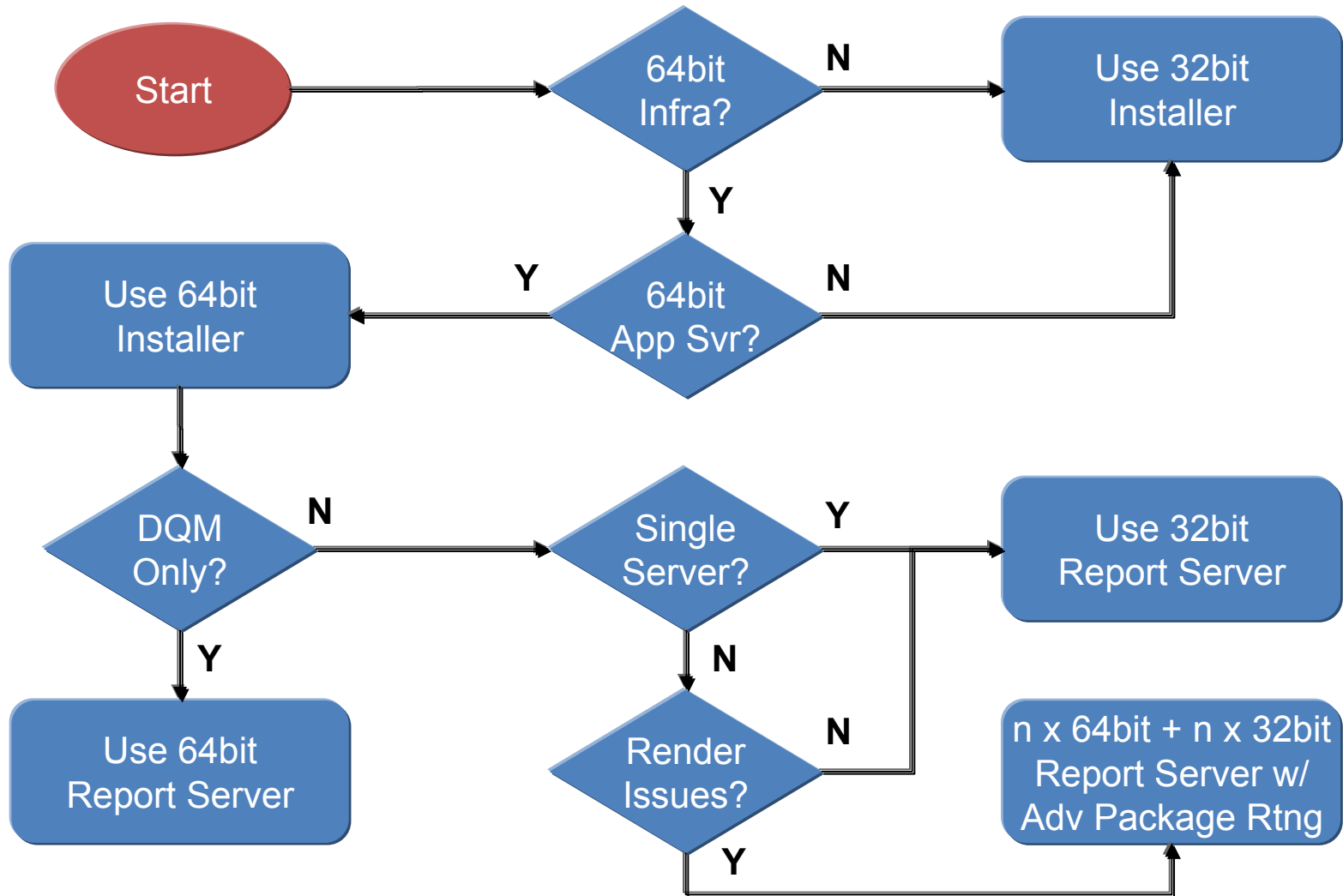
New in Cognos 10.1.1 – Active Reports

- Active Reports – Extended Functionality
  - Active Report as widget in Business Insight
  - Improved Authoring
    Variables, Variables / Controls Objects tabs...
  - New/Updated Controls
    Slider, Iterator, Row Numbers…
  - Security – Password Protection
  - Optimized Printing
  - Chosen "medium" for iPad App

New in Cognos 10.1.1 – Active Reports

Sliders & Iterators
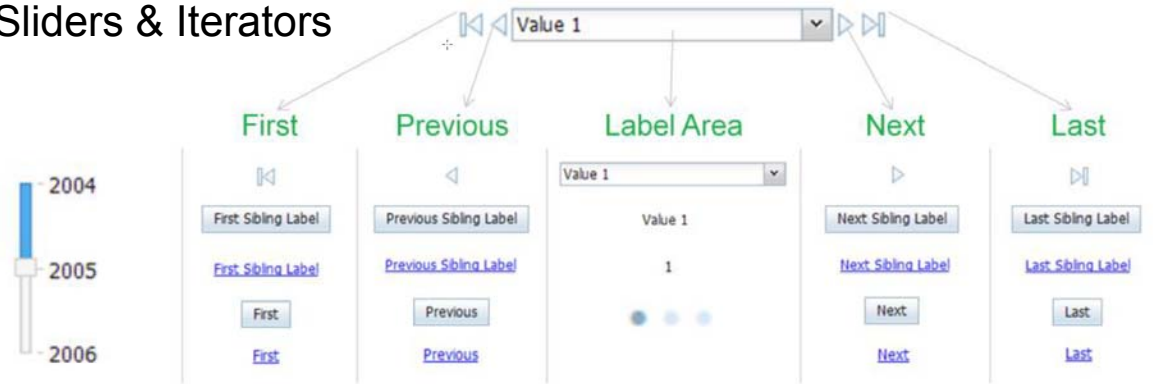
New Variables / Controls Objects tabs
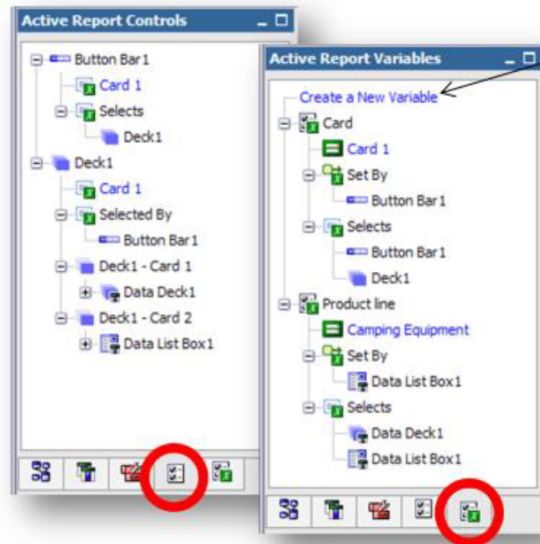
Create Variables

New button
Create a connection

Hover to see connection info
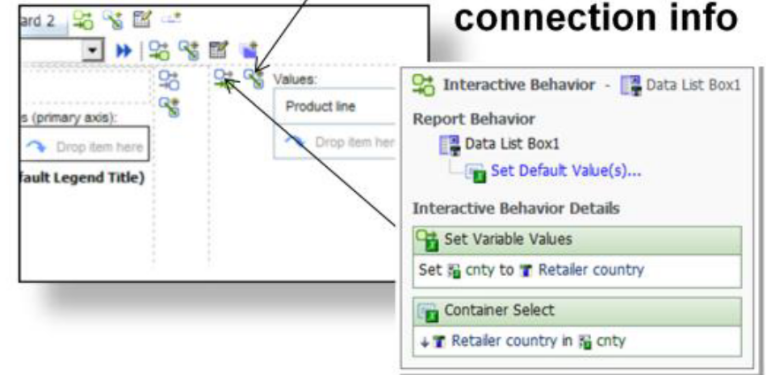
Active Reports: Create Once…
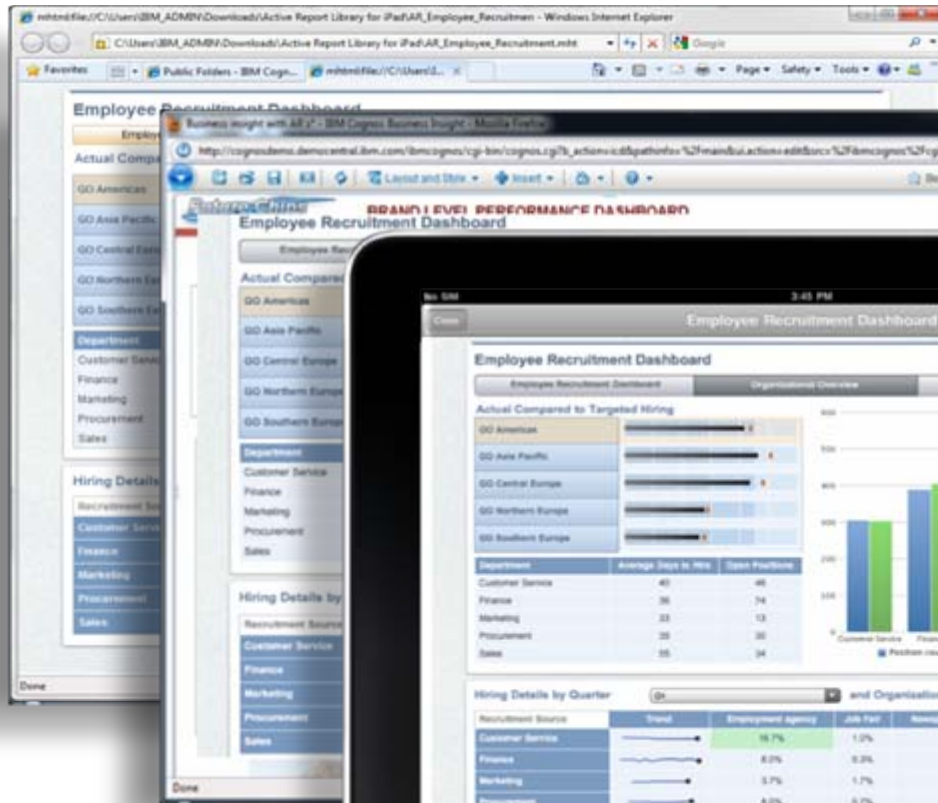
Use in your Browser..

...in Business Insight...

...and on your iPad...

Design Considerations: e.g. iPad 1024x704 Resolution

New in Cognos 10.1.1 –
Cognos Analysis for Microsoft Excel

- Why Cognos Analysis for Microsoft Excel?
  - No learning curve
  - Single, Intuitive Interface
  - Self Service Capabilities
  - Live Connection to Corporate Information

New in Cognos 10.1.1 –
Cognos Analysis for Microsoft Excel

- ## What's New?
  - Support for MS Office 2010
  - Support for Latest Browser Versions
  - Support for 64bit
  - Limit Data Volumes using Package Filters and Prompts
  - Flexible Refresh
    all data, worksheet, workbook, selected cells
  - Same Calculations as Business Insight

New in Cognos 10.1.1 –
Cognos Analysis for Microsoft Excel

- ## What's New?

  - ### Filter Relational Data in new ways

Filter	Description:
Date Picker for Date	Filter based on a date
Last # of Days	Filter the last N days eg: Filter the last 15 days
Based on a calculation	Leverage an exploration calculation in your workbook
"IN" Filter with list of values	reduces the need for multiple OR clauses (based on SQL IN operator)
Comparison	Combine filters to create custom AND and OR conditions
Option during filtering: Filter Before \ After Aggregation	Choose when to filter the data: before or after the aggregation happens

New in Cognos 10.1.1 –
Cognos Analysis for Microsoft Excel

New in Cognos 10.1.1 – Content Archival

- ## Why Content Archival?
  - Risk Management
  - Regulatory Constraints (avoid Fines)
 - Manage Content Store Size
  - Easy Retrieval of older Report Output

New in Cognos 10.1.1 – Content Archival Integration IBM Cognos and IBM ECM FileNet

- Archival of Cognos content in FileNet
- Based on "Data Source" defining External Repository
- Define Package and Folders to be archived using "Data Source"
- Archive existing through Scheduled Maintenance Job
- As of then Archival is automatic for all retained Output

Cognos Connection Report folder structure replication in FileNet
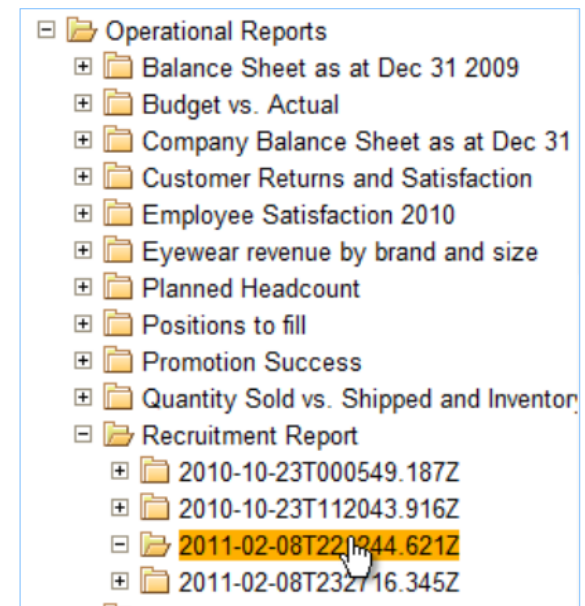
New in Cognos 10.1.1
– Mobile Extended Platform Support
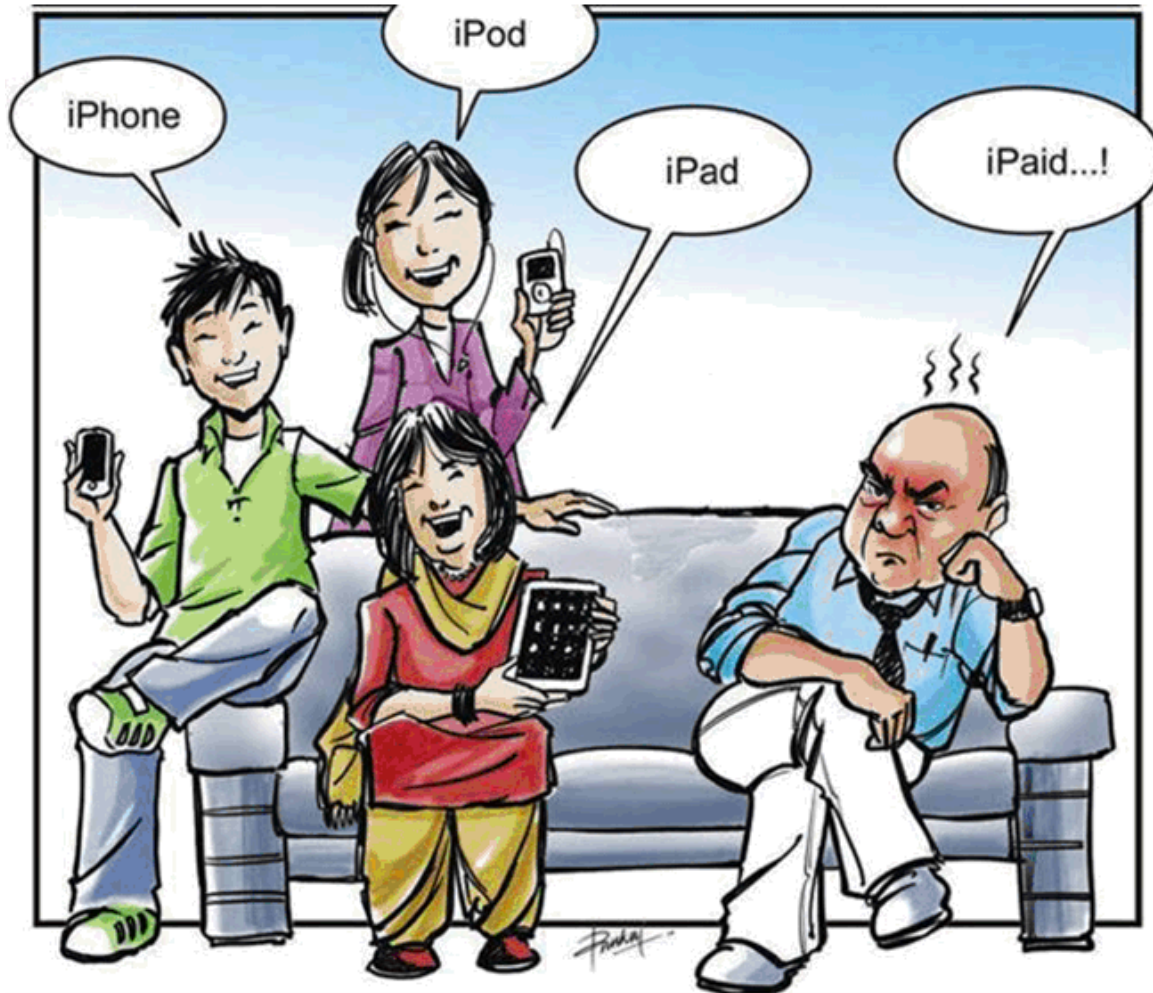
The Importance of Mobile BI

33%

of all BI content will be consumed through Mobile Devices by 2013

Gartner "Predicts 2011: New Relationships Will Change BI and Analytics", Bill Gassman, Rita Sallam, Andreas Bitterer, John Hagerty, Neil Chandler , 25 Nov 2010

80%

of organizations ranked mobile BI as a top priority for their Executives

*Howard Dresner Mobile BI Market Study, 2011*

Mobile BI User Profiles

- **Executives**
  - Easy access to strategic information in the office or when traveling for business

- **Line of Business Managers / Supervisors**
  - Analytics at the point of impact when managing the "floor"

- **"Road Warriors"**
  - Access and explore key business information on the road
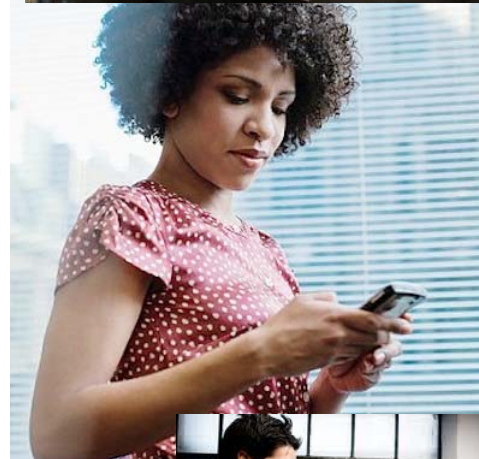
Consume BI on any Mobile Device

Securely…
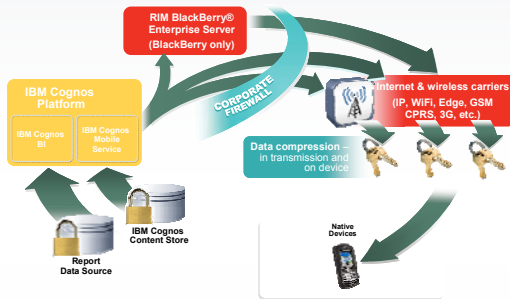
Cognos Enterprise Ready Software

Reusing Existing Assets...

Create once

On any Device…

iPad and iPhone

BlackBerry and PlayBook

Windows Mobile

symbian

Native and web-based deployments

Choice of Market Standards

New in Cognos 10.1.1

Native iPad support
Cognos iPad App available in the Apple Store

Mobile Web Support for
BlackBerry Playbook
Android

What's Cognos 10.1.1 - Summary

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DEMO

Cognos Mobile on iPad

Sneak Preview from the labs:
   Cognos Desktop Beta

Resources

- New features in Cognos 10.1 and Cognos 10.1.1: http://public.dhe.ibm.com/software/data/cognos/documentation/docs/en/10.1.1/crn_nf.pdf

- IBM Cognos Proven Practices: IBM Cognos 10 32 Bit Versus 64 Bit Guideline: http://www.ibm.com/developerworks/data/library/cognos/infrastructure/cognos_specific/page594.html

- IBM Cognos Proven Practices: The IBM Cognos 10 Dynamic Query Cookbook: http://www.ibm.com/developerworks/data/library/cognos/infrastructure/cognos_specific/page529.html

Q&A