Reporting Options and Business Intelligence Roadmap
for Oracle E-Business Customers

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Professional Background

- Oracle Application Development since 1996
- Experienced in Implementations and Upgrades
  - 10.6 SC is the start, worked thru 11.5.10.2
- Extensive experience with BI solutions for Oracle EBS Clients since 1997
- Experience with Packaged Vendors
  - Informatica
  - DecisionExperts from Teradata
  - Noetix Views
  - Cognos Enterprise Suite etc.
- Extensive experience with Oracle BI Tools
  - Discoverer
  - Daily Business Intelligence
  - XML/BI Publisher
  - OBIEE Suite
- Active in OAUG and regional User Groups. Currently serving as a Chair for the Applications Forum of Dallas Oracle Users Group (DOUG)

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Agenda

- Run down of major Products in the Market for Oracle EBS
  Oracle Products
  - Oracle Reports
    - XML Publisher
  - Discoverer10g
  - Oracle Daily Business Intelligence
  - Oracle Business Intelligence Enterprise Edition Plus Suite (OBIEE)
  Other Products
  - Noetix Views
  - Decision Experts from Teradata (formerly DecisionPoint Software)
  - Jaros Technologies
  - Cognos Enterprise Suite
  - Business Objects
- Discuss scenarios and solutions that are applicable from above
- Summary & Conclusion
- Q&A

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Oracle Reports

- Component of Oracle Developer Suite

- Major Functionality
  - Static operational and transactional Reports
  - Robust

- Limitations
  - IT involvement to change/enhance/customize
  - Potential re-work on customizations during upgrades, patches etc.

- Future
  - XML Publisher for formatting and layouts
  - Integrated with EBS11*i* (11.5.8 and above)
  - More so with Release12 (over 800 templates pre-delivered)

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4

Discoverer10*g*

- Adhoc query tool based on Oracle's standard EUL (abstraction layer) for Oracle EBS
- Renamed to Oracle Business Intelligence Standard Edition
- Secured by Application Responsibilities and Users, SSO and OID integration
- Can be customized, can be licensed as a separate suite, create custom EULs for non-Oracle EBS databases
- Limitations
  - Limited to Adhoc reporting
  - Limited Dashboarding capability via Discoverer Portlets
- Future
  - Integration of XML Publisher, likely with Discoverer11*g*

Oracle Daily Business Intelligence

- Pre-packaged KPIs and Dashboards for Financials, Procurement, Supply Chain, HR etc.
- Available with 11*i* (11.5.8+) and Release12
- Limitations
  - Applicable to only Oracle EBS
- Future
  - Product is put on Maintenance mode, OBIEE+ Suite with BI Packaged Applications is the forward looking solution

Options

- Cognos – acquired by IBM in 2007
    - Adhoc-query and Business Intelligence Analytics
    - Cognos Performance Applications for Oracle EBS (Pre-built reports, metrics, financial plans etc.)
    - Connects to any of the data sources in any format on any platform
    - Works well with Oracle Developers

- Business Objects – acquired by SAP in late 2007
    - Adhoc-query and Business Intelligence Analytics
    - Integrated with Crystal Reports (BO acquired Crystal prior to its acquisition)
    - Connects to any of the data sources in any format on any platform
    - BO Data Integrator feature can integrate data from Oracle E-Business and Legacy systems for an unified view

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Options Continued

- Oracle Business Intelligence Enterprise Edition Plus (OBIEE)
  - Adhoc-query and Dashboard capabilities via Oracle Answers and Dashboards
  - Connects to any of the data sources in any format on any platform
  - OBIEE can integrate data from Oracle E-Business and Legacy systems for an unified view
  - Plugs into Microsoft office products, query feature from Microsoft Excel
  - Pre-built KPIs, Metrics, Reports for Oracle E-Business available in the form of Fusion Intelligence for Release 11*i* and Release 12 (on maintenance mode just as with DBI)
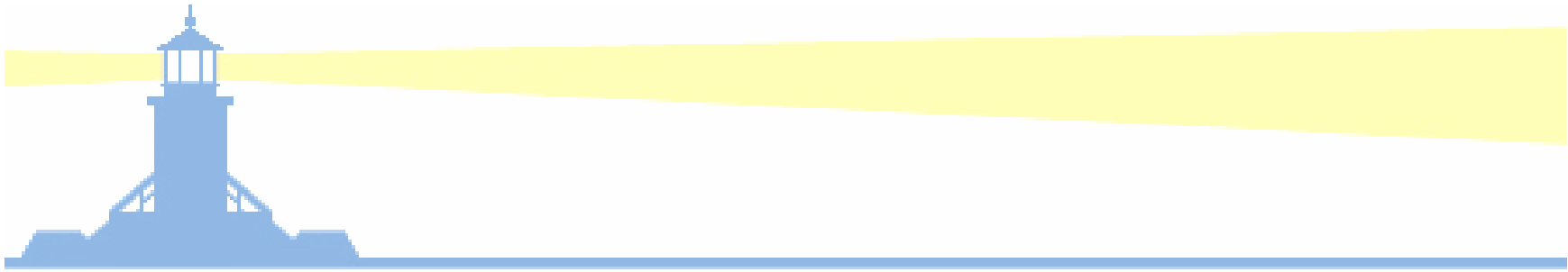
Options Continued

- ## Noetix Views
  - Simplified views for Oracle EBS
  - Oracle Discoverer is predominantly used over Noetix views
  - Tightly integrated with BI Publisher as well
  - Automatically picks up Key and Descriptive Flexfields

- ## Noetix can be integrated with Cognos, Business Objects, or OBIEE Plus
  - Abstract layer (Metadata repository layer) exists for the most part
  - Noetix and Oracle to create a public API to automatically refresh OBIEE repository with changes in APPS – Mid 2008

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Data Warehouse in the Making

OBIEE Plus

- Oracle Business Intelligence Enterprise Edition Plus (OBIEE)
  - Presentation Services
  - Answers and Dashboards
  - Delivers/ibots
  - BI Publisher Engine
  - OBIEE Administrator
  - Pre-Packaged content (BI Applications)

- Oracle Business Intelligence Standard Edition-1 (OBISE-1)
  - Reporting interface (Answers and Dashboards, PS, BI Publisher)
  - Oracle Warehouse Builder license is included

OBIEE Plus Continued

- ## BI Applications (Pre-built solutions)
  - Fusion Intelligence – DBI components integrated into OBIEE
  - Business Intelligence Applications
    - Physical Data Warehouse Star-schema adaptors (BAW) for Oracle EBS (Release 11*i* and Release 12), Siebel, PeopleSoft, SAP etc.
    - Informatica OEM Power Center Server and ETL with Data Warehouse Administrator Server Console (DAC) to administer the ETL
    - Metadata layer over BAW for reporting from Answers and Dashboards
    - Presentation Services catalog with pre-built content

- ## Hyperion Interactive Reporting, Financial Reporting features and Web Analysis features integrated into OBIEE

OBIEE Plus Continued

- **Security**
  - Supports setting up of Data Security using Oracle EBS Roles/Responsibilities
  - Component of OAS10gR3, supports OID, SSO configuration, LDAP authentication etc.
- **A complete Buy solution in the Market Place**
- **Challenges**
  - Companies/Resources with the right mix of skills
  - Organizations now need to acquire a new skillset in Informatica ETL

- Teradata DecisionExperts (formerly DecisionPoint Software)
  - Pre-packaged Star-schemas for Oracle EBS and PeopleSoft
  - Comprehensive solution, full automatic support for KFFs and DFFs
  - Quicker to implement, easier to support for Oracle developers and DBAs
  - Metadata integrated Reporting Interface to create Adhoc reports and Interactive Dashboards
  - OBIEE Answers and Dashboards, Cognos, or Business Objects are good reporting interface options for the DecisionExperts Warehouse

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Options Continued

- ## Jaros Technologies

  - Packaged Data Warehouse and Business Intelligence solution for Oracle EBS (10.7 thru 11i)

  - Extraction mappings are built on Informatica PowerCenter ETL

  - Supports integration of Oracle Roles and Responsibilities via Jaros Security Facility feature

  - Access to both Operational information via ODS and via DW for Historical analysis, all within the same Jaros Framework

  - Metadata integrated with Cognos Enterprise Suite for reporting and interactive dashboards

  - Solution can work with Business Objects, and OBIEE Answers and Dashboards as well

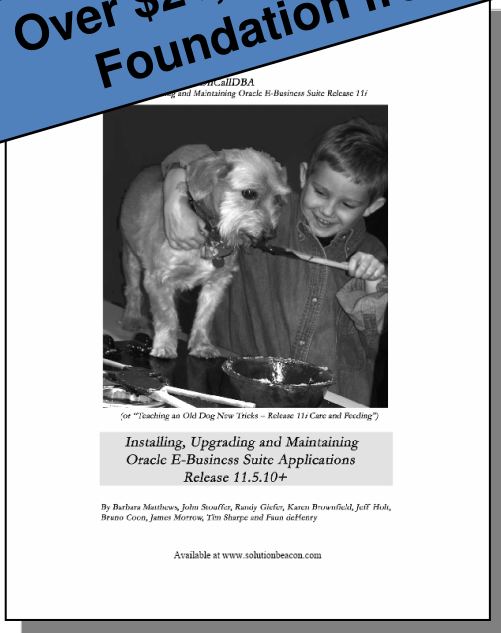SOLUTION BEACON, LLC
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Summary and Conclusion

- OBIEE is found to be a great choice for a complete Business Intelligence solution

- DecisionExperts and Jaros are other options to evaluate

- A combination of OBIEE and the above-mentioned third-party back-end packaged solutions are options to consider

- Finally, its important to consider your business needs, existing infrastructure etc. in planning for a right reporting and BI solution. Equally important is to evaluate, perform POCs on identified solutions before deciding on one
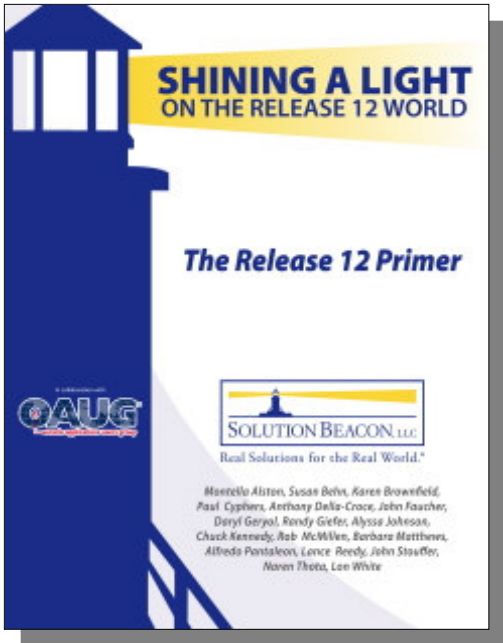
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Questions and Answers

Thank You!

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