

# Chicago SAP BO User Group

Mar. 23, 2012





# Agenda

BI 4.0 Project Background

Architecture Overview

Kraft BI Reporting Tool Strategy

Webi Development Standards / Best Practices /  
Lessons Learned

Mobility

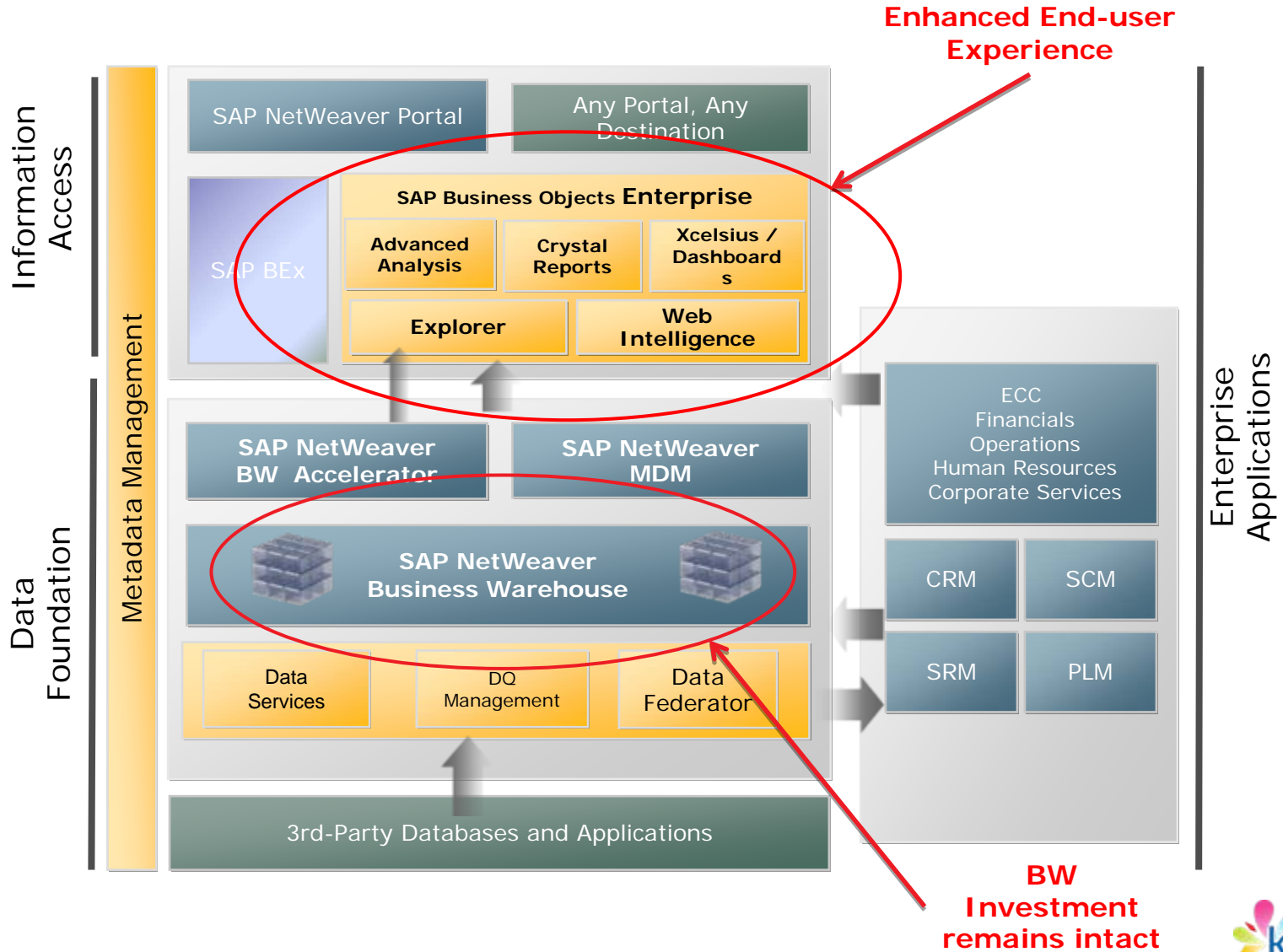
Questions



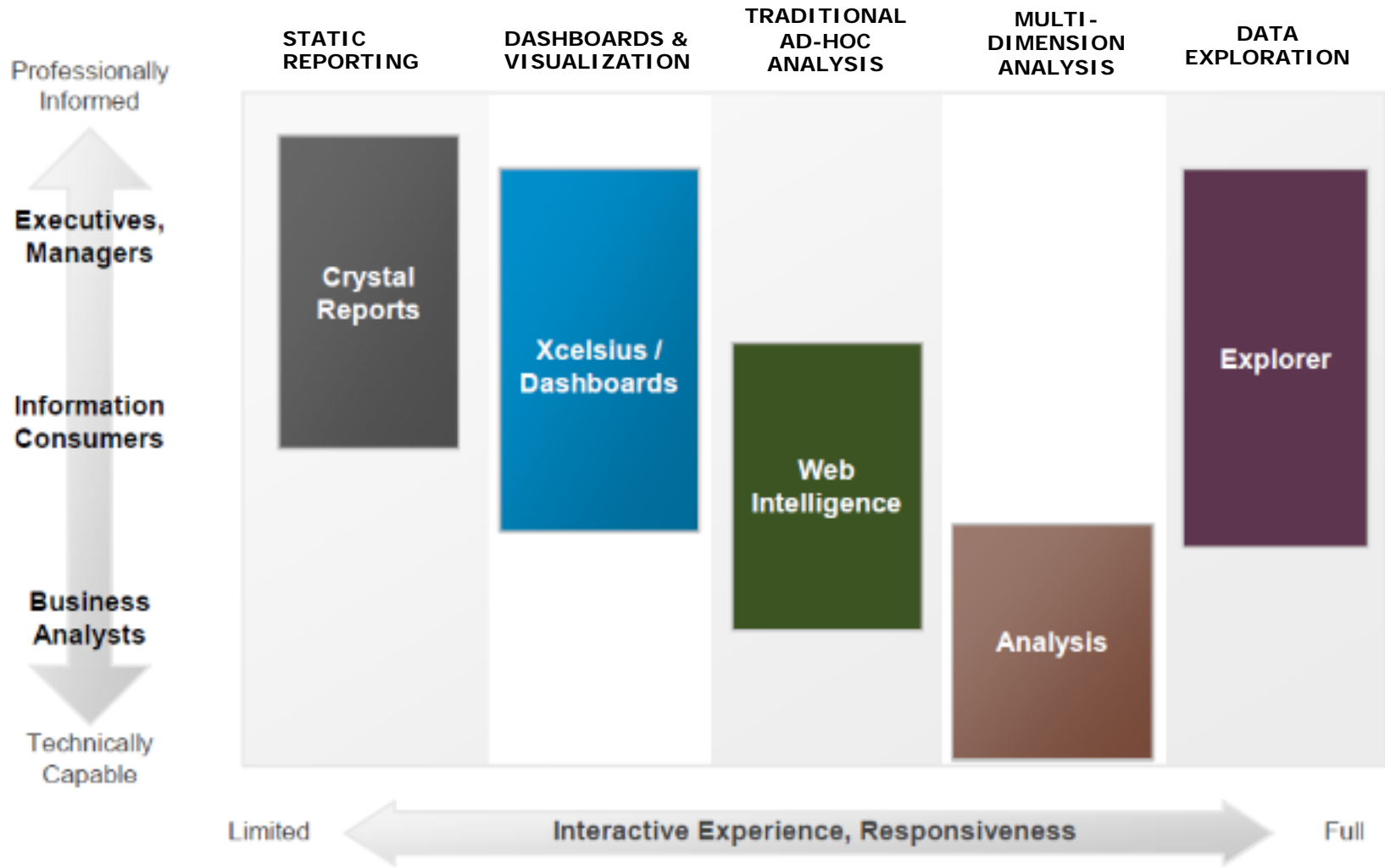
## BI 4.0 Background

1. >8,000 users currently on BOEXI3.1
2. Built NA 4.0 Environment in Q4 2011
  - Current - BI4.0 SP02 Patch 6
  - April - planned upgrade Patch 13 to resolve BICS SSO issue
  - Planned Q2 rollout North America & Asia-Pac (approx. 1500 users)
3. Server infrastructure
  - Virtual servers: BWX, BWD, BWQ
  - Physical servers: BWR (3), BWP (9)
4. Access
  - SAP Enterprise Portal
  - BI Launchpad direct link
  - Interactive Analysis Desktop

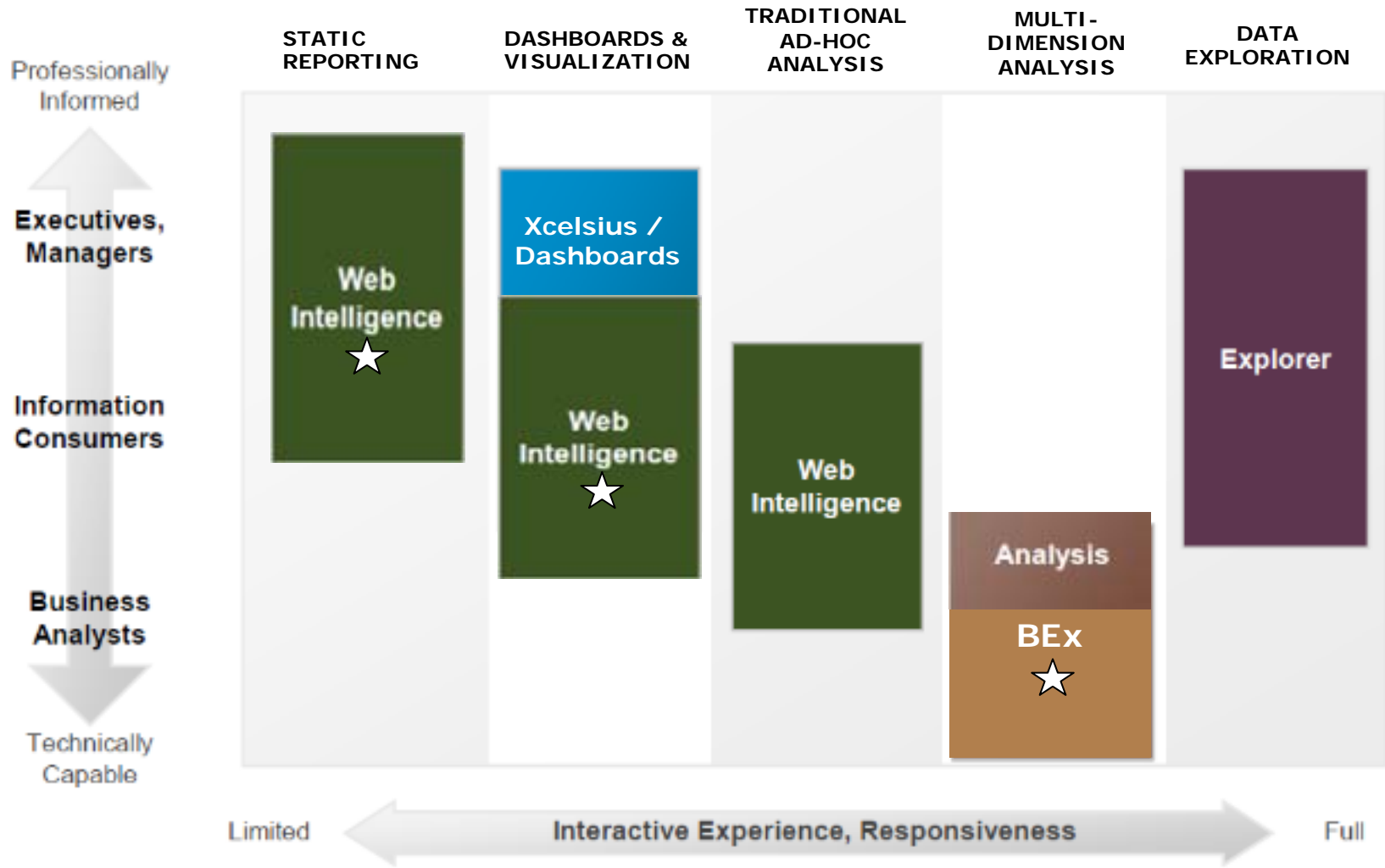
# Architecture Overview



# SAP Strategy – BI 4.0



# Kraft's Global Strategy – BI 4.0



# Kraft BI Reporting Strategy

- SAP Bex queries for BICS connection
  - Copy Z-queries as YBO-queries in production to be used by Webi
  - Optimize YBO for Webi
  - No need to transport through landscape
- Security Model
  - Import SAP roles
  - Folder structures based on SAP roles
  - Script to align SAP userid with AD to enable client tool access
- BI 4.0 designed with three levels of access
  - Display (End User)
  - Power User – can create / edit queries
  - Administrator - Scheduling, publication (report bursting)



## Best Practice / Development Standards – WebIntelligence

- Break up a report with a large amount of master data into two
  - use all the master data fields in one report e.g. customer
  - the transactional information with the customer name in the second report
  - Merge the reports afterwards to reduce the number of cells returned
  - This can reduce possibly 50% of redundant cells





# Lessons Learned



# WebIntelligence 4.0 / 3.1

1. Cannot duplicate Variable
2. Filter bars not wrapped automatically
3. Cannot change position of filter bar objects in the filter bar
4. Cannot resize length of filter bar object
5. In View mode in BI Launchpad, cannot save reports as other formats to Computer
6. Can not customize the color pattern from Palette and Style
7. Cannot format in pixel, only inches or centimeters
8. Cannot multi-select columns using the Shift key
9. Error running Webi report
10. To view page number of total page have to click on end of page, then beginning page icon



# WebIntelligence 4.0 BICS Connection - 1

1. Query filter condition choices are limited
2. Query Summary does not return meaningful information
3. Scope of Analysis not available with BICS SSO Bex queries
4. Bex attributes cannot be used as filter in Query Panel
5. Search in BICS connection case sensitive
6. URL report linking cannot pass compound range values
7. Frequent refresh necessary
8. Update Bex query changes by running RSRT (SAP GUI) and generating report for the Bex query
9. Update Webi prompts after Bex query variable change

## WebIntelligence 4.0 BICS Connection - 2

10. Characteristics variable has to be defined as a detail and associated with a dimension for measures not to show up as #UNAVAILABLE
11. Only mandatory variables display LOV automatically
12. BICS SSO to multiple BW systems – generate one BI 4.0 certificate with the same name and import it
13. Adaptive Processing Server (APS) failure
  - Caused by two different versions of awt.dll in SAPJVM folder (SAP/Bin/JRE)
14. Or condition is not available in query filter
  - Can create concatenated characteristics on backend
15. Webi /Bex with Structure

Have to select Structs in result objects for key figures to display

# SAP Mobility for iPad

- Client side application that is installed on iPad
- Allows for Web Intelligence reports to be consumed on iPad
- Application designed specifically to meet screen size and interactivity constraints on iPad device
- Prototyping phase – goal is to eliminate use of VPN through use of reverse proxy server
- Demo



# SAP BI Mobility for iPad

- Limitations –

- Report level filters
- Folding/unfolding
- Drilling
- Tracking data changes
- Input controls
- Sections and breaks
- Refresh on open
- Push notifications
- Data Sources
  - Only Web Intelligence docs supported
  - Web Intelligence docs with hierarchies not supported