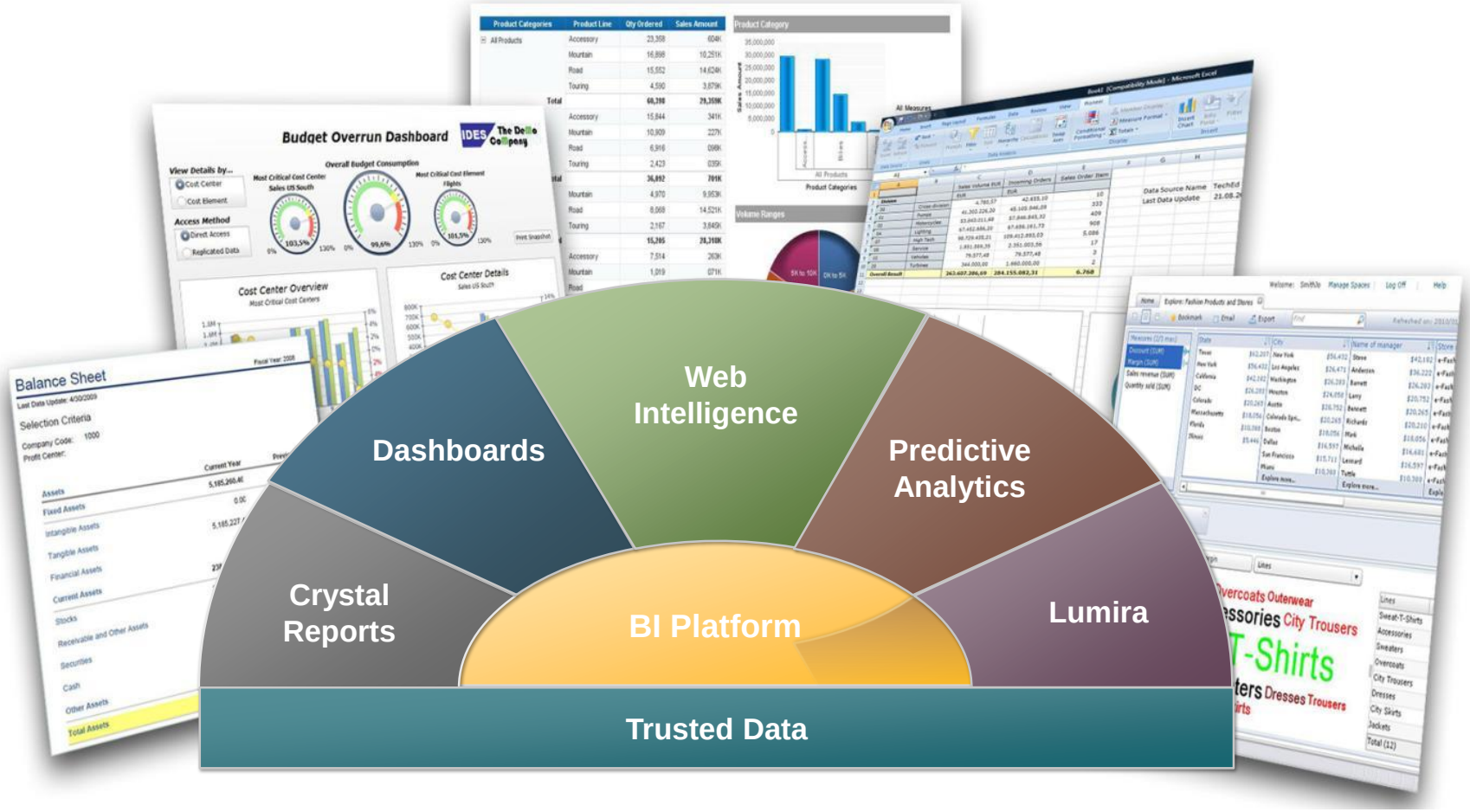
SAP BusinessObjects BI 4.x

© 2011 SAP AG. All rights reserved.

SAP BusinessObjects BI 4.x



© 2011 SAP AG. All rights reserved.

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

How do I access corporate data reports for greater insight?	How do I visualize data for better decision making?	How do I answer ad hoc questions and interact with information?	How do I find immediate answers to business questions?	How do integrate BI within my applications?
BI Launchpad	**Dashboards and Visualization**	**Interactive Analysis**	**Lumira** **Predictive Analytics**	**OEM Integration**

1 BI SUITE

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

How do I access corporate data reports for greater insight?

BI Launchpad

How do I visualize data for better decision making?

Dashboards and Visualization

How do I answer ad hoc questions and interact with information?

Interactive Analysis

How do I determine trends from complex historical data and make possible better forecasts?

Explorer

How do I find immediate answers to business questions?

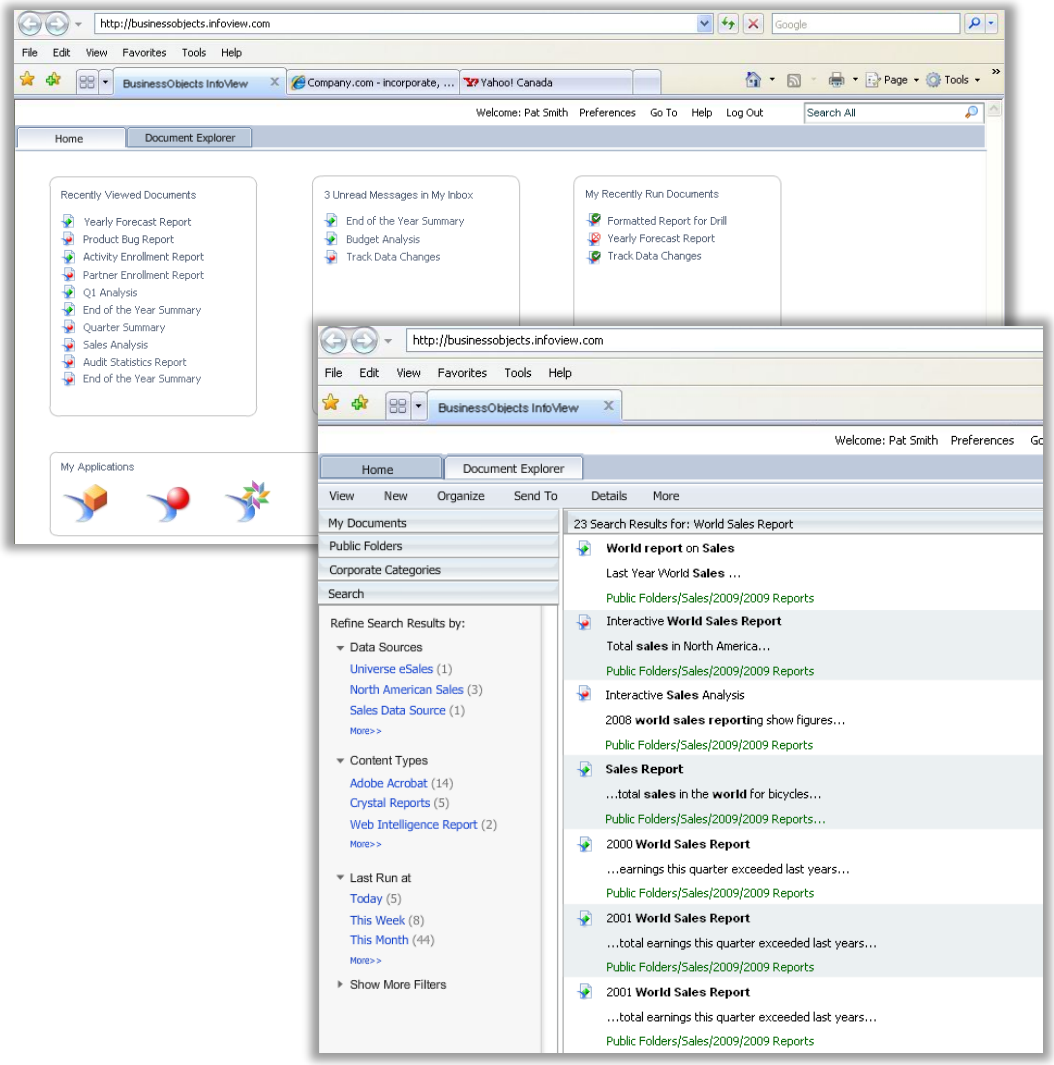
OEM Integration

1 BI SUITE

BI Launch Pad

Easier Content Navigation for All Users

- New self-service BI access making it easier to find all available content
- Enhanced filtering and search options reducing page scrolling
- Enhanced navigation for working with multiple documents at the same time
- Demo BI Launchpad



Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

How do I visualize data for better decision making?

How do I answer ad hoc questions and interact with information?

How do I determine trends from complex historical data and make possible better forecasts?

How do I find immediate answers to business questions?

BI Launchpad

Dashboards and Visualization

Interactive Analysis

Explorer

OEM Integration

1 BI SUITE

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

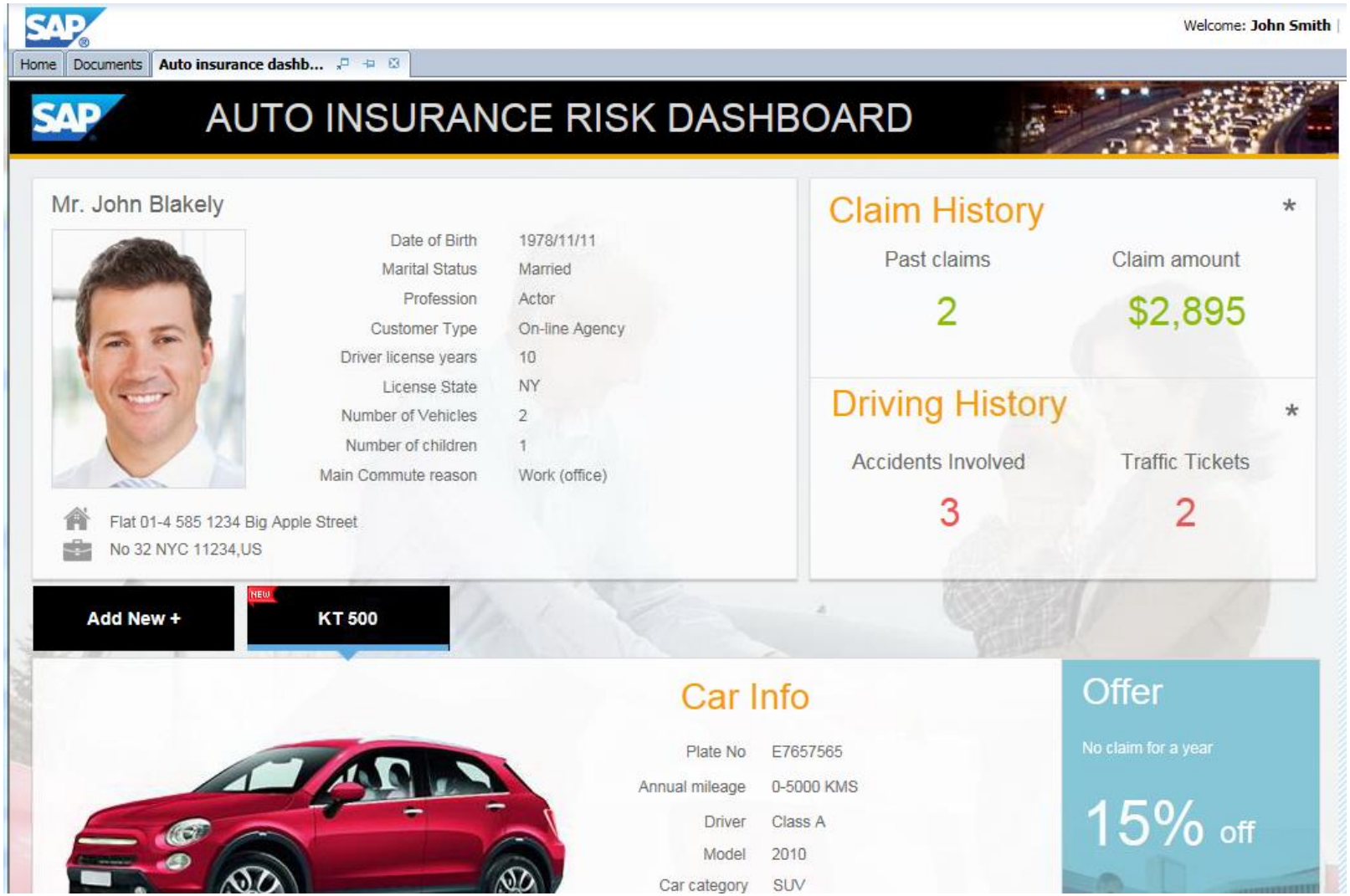
DISTINCT QUESTIONS

Benefits: **Easy access to information**	**How do I visualize data for better decision making?**	How do I answer ad hoc questions and interact with information?	How do I determine trends from complex historical data and make possible better forecasts?	How do I find immediate answers to business questions?
BI Launchpad	**Dashboards and Visualization**	**Interactive Analysis**	**Explorer**	**OEM Integration**

1 BI SUITE

Engaging New User Experience

Dashboards



Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

OEM able within your apps

BI Launchpad

Benefits:

visual simplicity and interactivity

Dashboards and Visualization

How do I answer ad hoc questions and interact with information?

Interactive Analysis

How do I determine trends from complex historical data and make possible better forecasts?

Explorer

How do I find immediate answers to business questions?

OEM Integration

1 BI SUITE

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

OEM able within your apps

BI Launchpad

Benefits:

visual simplicity and interactivity

Dashboards and Visualization

How do I answer ad hoc questions and interact with information?

Interactive Analysis

How do I find immediate answers to business questions?

Lumira

Predictive Analytics

Is it difficult to embed BI within my applications?

OEM Integration

1 BI SUITE

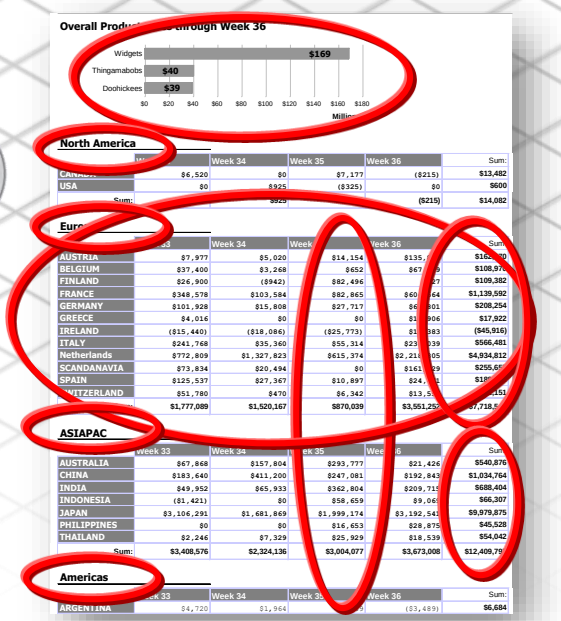
Interactive Analysis enables consumers to answer their own questions

What are the top 5 European countries in terms of Widget sales?

I want to get rid of the noise of other regions and just see Europe.

How can I visualize the regional sales over each week?

I just want to highlight above average sales before I print.



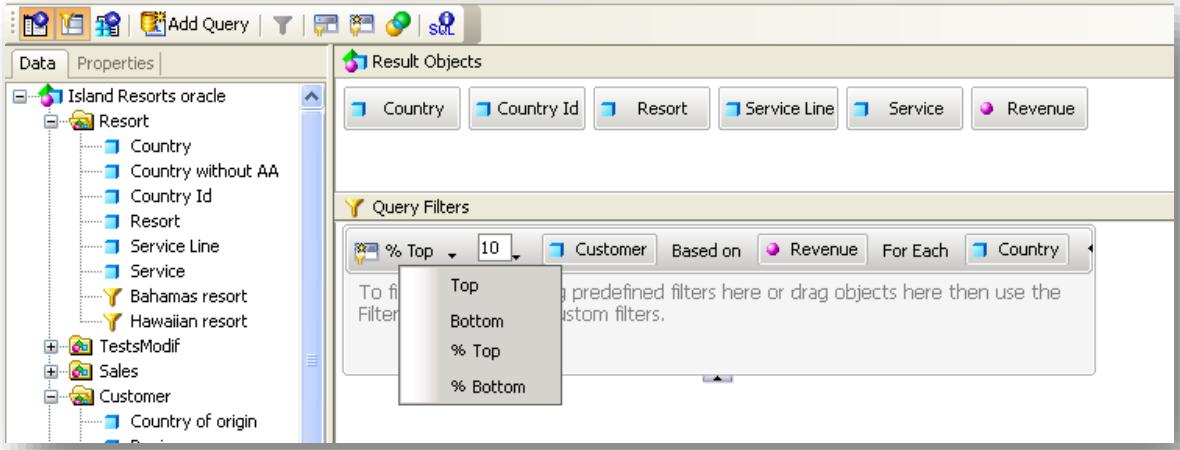
How do products compare against each other in my region?

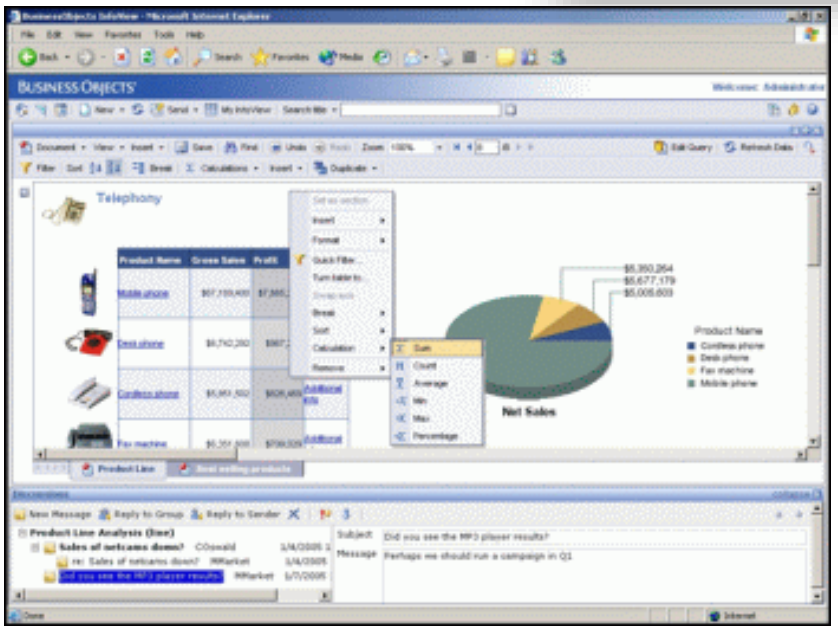
QUERY AND ANALYSIS

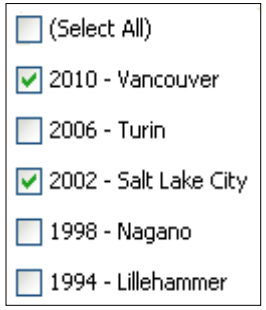
Powerful ad hoc query and integrated analysis

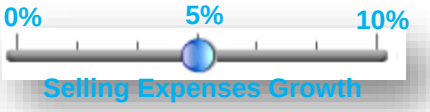
Interactive viewing for information consumers

DEMO WebIntelligence









Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

BI Launchpad

Benefits:

visual simplicity

Dashboards and Visualization

Benefits:

user autonomy

Interactive Analysis

How do I find immediate answers to business questions?

Explorer

How do I find immediate answers to business questions?

Data Exploration

1 BI SUITE

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

BI Launchpad

Benefits:

visual simplicity

Dashboards and Visualization

Benefits:

user autonomy

Interactive Analysis

How do I find immediate answers to business questions?

Lumira

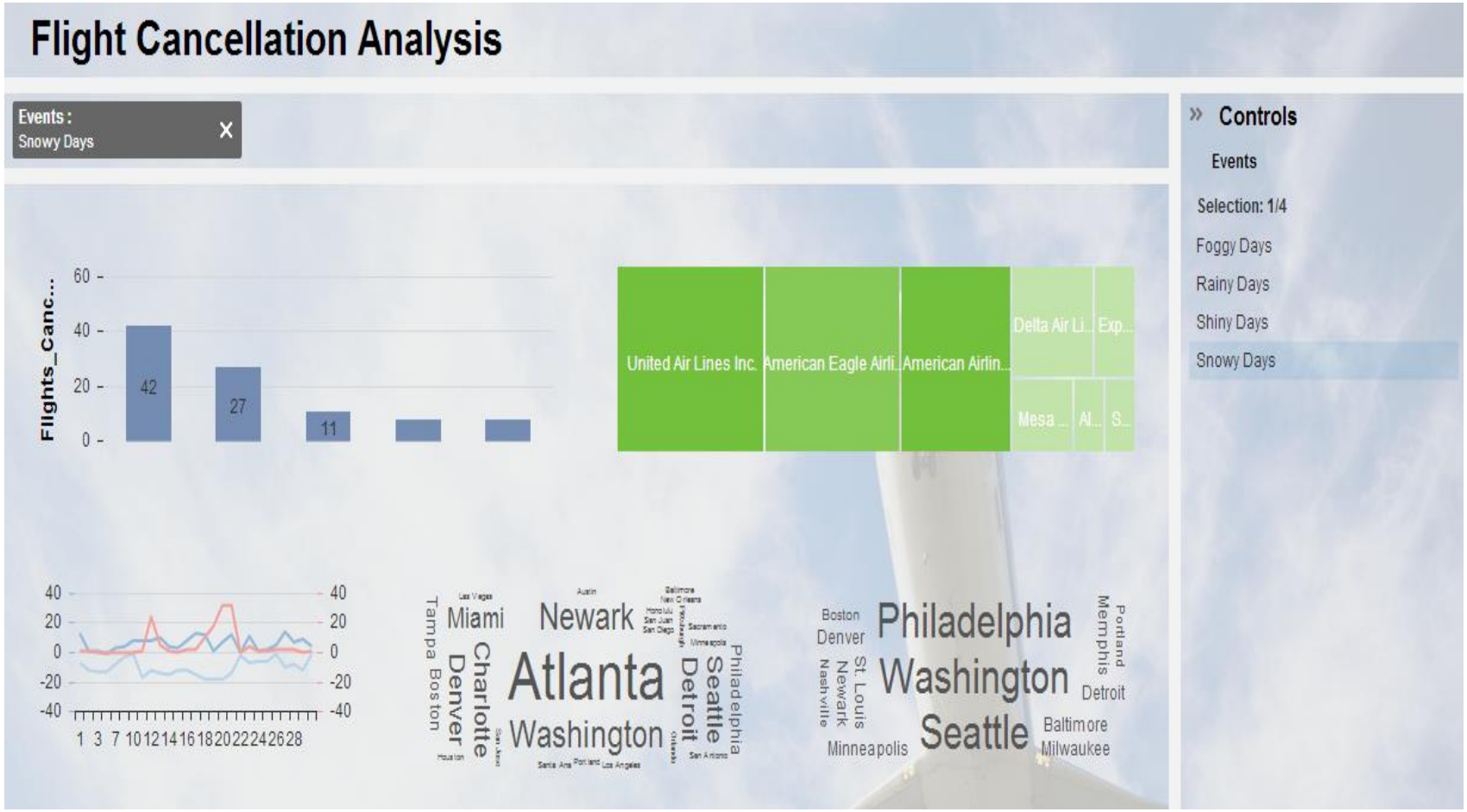
Predictive Analytics

How do I find immediate answers to business questions?

Data Exploration

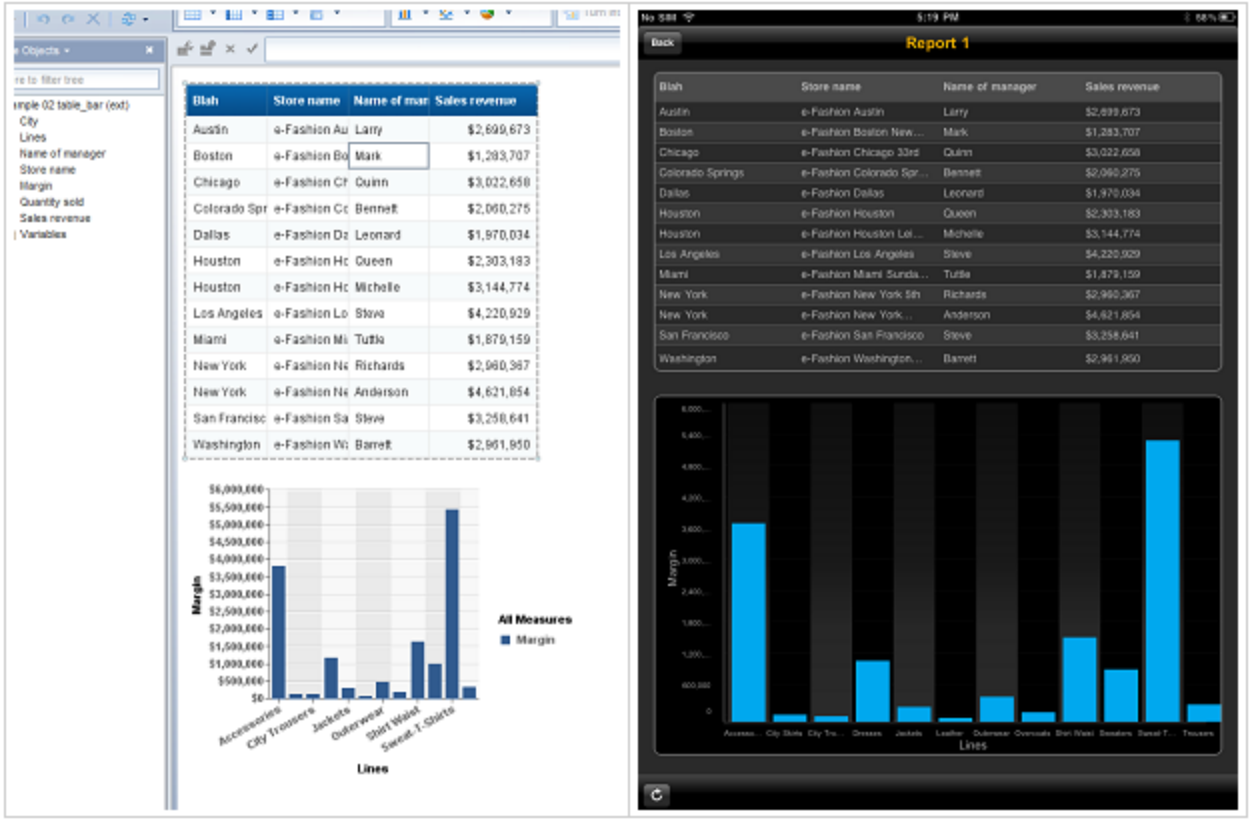
1 BI SUITE

Exploring Data By Building Interactive Visualizations

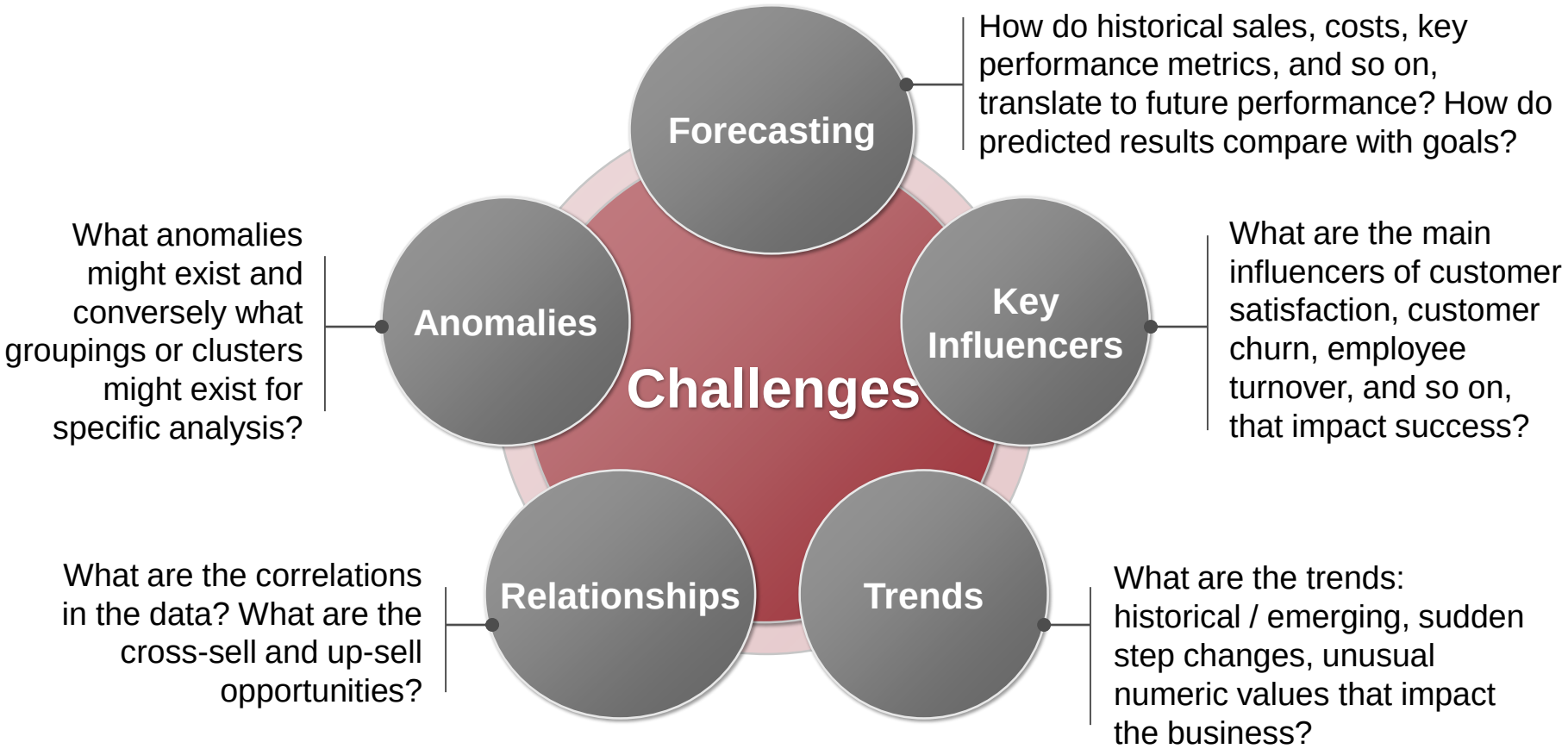


SAP BusinessObjects Mobile BI
Leverage existing tools & skills

- Interactive Reports & Dashboards using standard SAP BusinessObjects applications
- Simple to design
- Fast to deploy

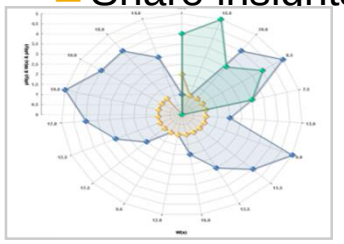


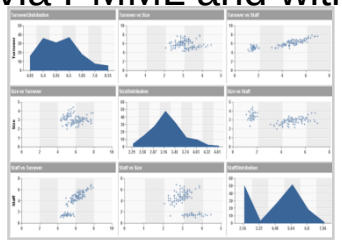
Predictive Analytics Examples

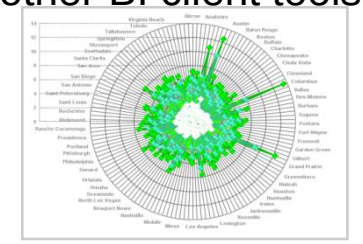


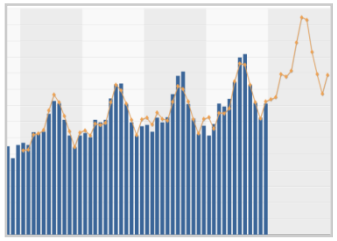
SAP BusinessObjects Predictive Analysis

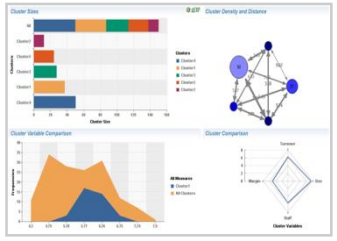
- Visualize, discover, and share hidden insights
  - Advanced visualization designed where you'd expect it – natively from within the modelling tool
  - Share insights via PMML and with other BI client tools

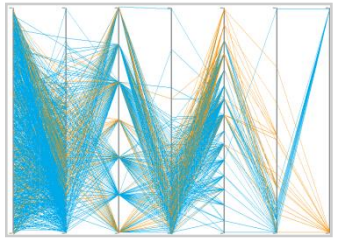


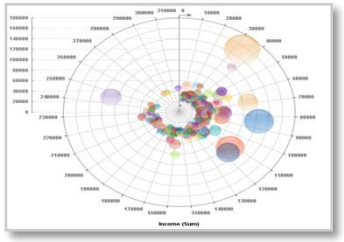


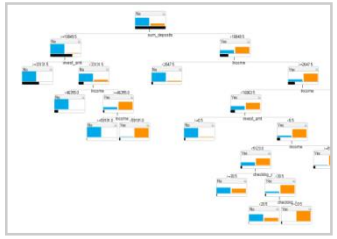












- Tree Map Chart
- Heat Map
- Pie Chart
- Pie with Variable Slice Depth
- Multiple Pie Chart
- Donut Chart
- Column Chart
- Bar Chart
- Column Chart with Dual Value Axes
- Line Chart
- Line with Dual Axes
- Surface Chart
- Combined Column and Line Chart
- Combined Column and Line Chart with Dual Value Axes
- Stacked Column Chart
- 100% Stacked Column
- Stacked Bar Chart
- 100% Stacked Bar
- 3D Column Chart
- Box Plot Chart
- Radar Chart
- Multiple Radar Chart
- Tag Cloud Chart

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

BI Launchpad

Benefits:

visual simplicity with interactivity

Dashboards and Visualization

Benefits:

user autonomy

Interactive Analysis

Benefits:

Simplicity and insight

Lumira

Mobile BI

How do I find immediate answers to business questions?

OEM INTEGRATION

1 BI SUITE

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

BI Launchpad

Benefits:

visual simplicity with interactivity

Dashboards and Visualization

Benefits:

user autonomy

Interactive Analysis

Benefits:

Simplicity and insight

Lumira

Mobile BI

Is it difficult to embedd BI within my applications?

OEM Integration

1 BI SUITE

SDK for a complete Integration

QUERY AND ANALYSIS : HOW ?

Make the most common customizations accessible. Customize without writing a line of code.

By tweaking a property file

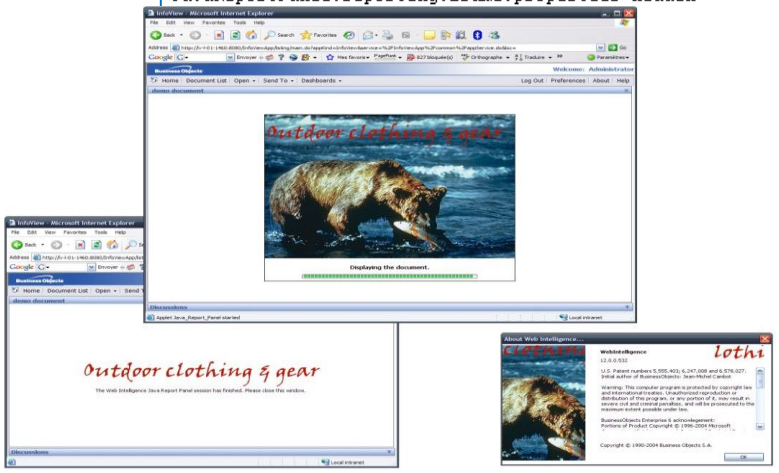
- Change the look of the interface
  - Splash screen, logo
- Redefine feature set
- Create customized Viewers

```
############################################################
#      Java Report Panel Customization
#  keywords are: enable, disable or hidden
############################################################
# Customize images
#JavaReportPanel.splashscreen.image=/my_splashscreen.png
#JavaReportPanel.about.image=/logo.png
#JavaReportPanel.logo.image=/logo_small.jpg

# Determines visibility of "Edit Query Panel" button
JavaReportPanel.query.panel=enable

# Reporting toolbars
JavaReportPanel.reporting.toolbar.main=enable
JavaReportPanel.reporting.toolbar.reporting=enable
JavaReportPanel.reporting.toolbar.formatting=disable
JavaReportPanel.reporting.toolbar.navigation=hidden

# Reporting Frames
JavaReportPanel.reporting.frame.data=hidden
JavaReportPanel.reporting.frame.reportmap=hidden
JavaReportPanel.reporting.frame.templates=hidden
JavaReportPanel.reporting.frame.properties=hidden
```

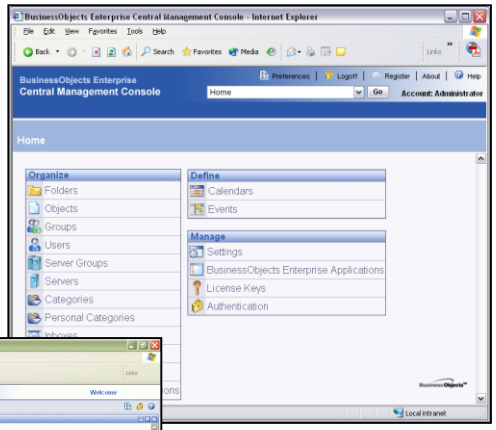


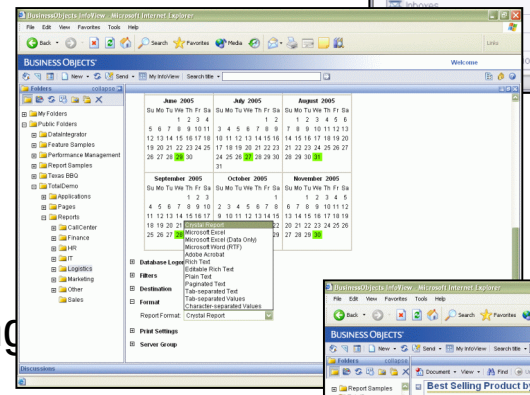
BI PLATFORM : HOW ?

Java, .NET or Web Service SDK

Application User Synchronisation

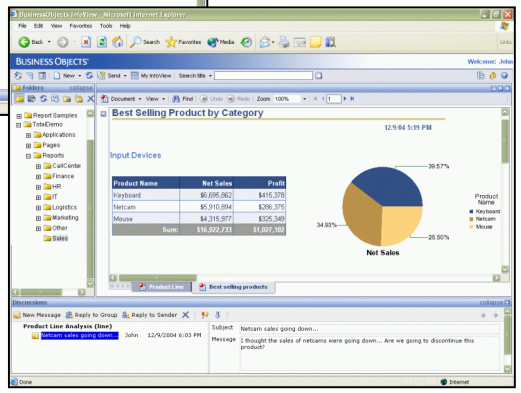
- create\boe_create_user.jsp
- Uses BOE SDK to create new BOE user with the info from the lightstore new user form





SSO (Silent)

- BOE_logon.jsp
- Uses BOE SDK to perform silent sign on using authentication



Universe

- Row Level Security
- Report security is done through BOE Security
- SAP BusinessObjects BI 4.x Developer SDK Library

Actionable Insight for Different Types of Tasks

Business Intelligence Suite

DISTINCT QUESTIONS

Benefits:

Easy access to information

BI Launchpad

Benefits:

visual simplicity with interactivity

Dashboards and Visualization

Benefits:

user autonomy

Interactive Analysis

Benefits:

Simplicity and powerfull analysis

Lumira

Mobile BI

Benefits:

Integration in any application

OEM Integration

1 BI SUITE

Q&A

Copyright 2015 SAP AG
All Rights Reserved

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors.

Microsoft, Windows, Excel, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.

IBM, DB2, DB2 Universal Database, System i, System i5, System p, System p5, System x, System z, System z10, System z9, z10, z9, iSeries, pSeries, xSeries, zSeries, eServer, z/VM, z/OS, i5/OS, S/390, OS/390, OS/400, AS/400, S/390 Parallel Enterprise Server, PowerVM, Power Architecture, POWER6+, POWER6, POWER5+, POWER5, POWER, OpenPower, PowerPC, BatchPipes, BladeCenter, System Storage, GPFS, HACMP, RETAIN, DB2 Connect, RACF, Redbooks, OS/2, Parallel Sysplex, MVS/ESA, AIX, Intelligent Miner, WebSphere, Netfinity, Tivoli and Informix are trademarks or registered trademarks of IBM Corporation.

Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.

Adobe, the Adobe logo, Acrobat, PostScript, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Oracle is a registered trademark of Oracle Corporation.

UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.

Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.

HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.

Java is a registered trademark of Sun Microsystems, Inc.

JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.

SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP Business ByDesign, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries.

Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects S.A. in the United States and in other countries. Business Objects is an SAP company.

All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

These materials are subject to change without notice. These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warrant.