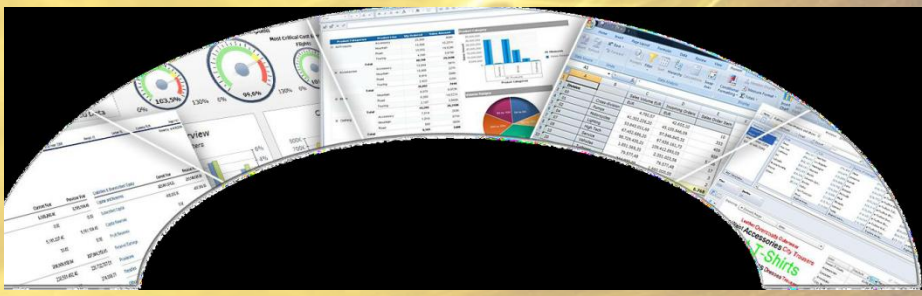
SAP BusinessObjects XI 4.0 What's Coming?

Dec. 9, 2010

[SAP Run Better]

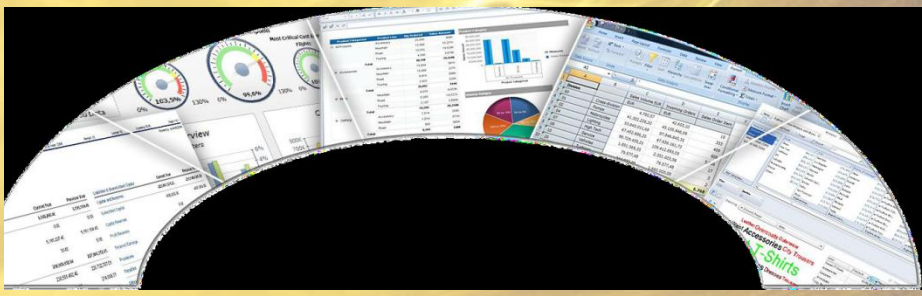
XI 4 Main Features

- Harmonized user experience across the suite
- Interoperability
- Advanced analytical insight (Advanced Analysis)
- Brand new search capability
- Usability / productivity
- Integrated platform monitoring
- Advanced auditing capabilities



XI 4 Main Features

- Supportability and root-cause analysis
- 64 bit server architecture
- Cost of Ownership
- Best integration for SAP BW customers
- New dimensional semantic layer
- Multi-source universes
- Data access

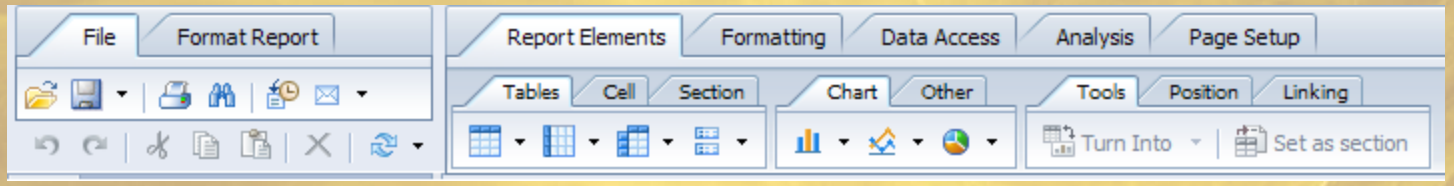


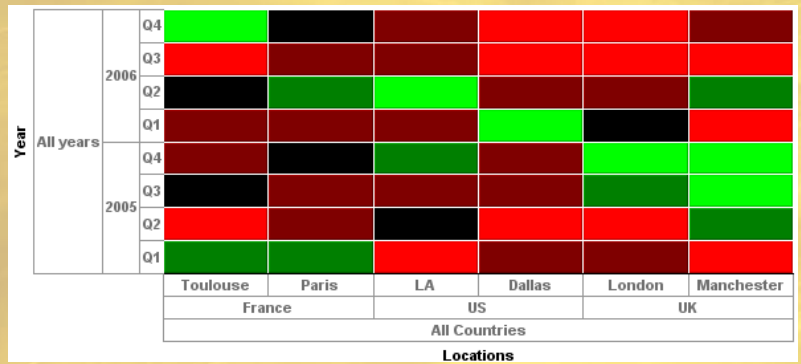
End of Life

- Desktop Intelligence
- Encyclopedia
- Performance Manager
- Voyager

Enhanced UI

- InfoView Becomes BI LauchPad
- Dashboard Builder Becomes BI WorkSpace
- Modern design and augmented capabilities
  - New charting options and ribbon toolbar for all solutions





Product Changes

- ERP Integration Kits now integrated into platform (SAP, PeopleSoft, Siebel, JDEdwards, Oracle)
- SharePoint integration (Probably 4.1)
- Import Wizard Replaced by UpgradeManagement , LifeCycle Management
- Life Cycle Management tool installs with the release

Product Changes – Semantic Layer

- Universe Designer still here
  - No change, works as in XI 3.x
- New Universe Format
  - New Information Design Tool, UNX format.
  - Relational universes can be converted
  - OLAP universes may convert is a subsequent release
- Data Federation
  - Existing Data Federator deployments will work
  - New multi-source universe integrated in the UNX

SAP BusinessObjects Data Services 4.0

Data Services XI 3.2

Structured Data

Text Analysis

Unstructured Data

Thank you for your recent shipment. I am facing big problems with some of your products. The shelf labels tear too easily, and my customers return them. Can I get a replacement? This is urgent, please contact me asap. This is Julie at Sapphire.

Urgency

Data Services 4.0

One User Interface

One Metadata Repository

One Runtime Architecture

SAP BusinessObjects Information Steward

- Various perspectives to understand and analyze trustworthiness of data
- "One place" for IT and business analysts to collaborate and govern their data assets
- Integrated metadata management, business glossary, data quality assessment, and data quality monitoring, cleansing package builder
- Easy and secure assess to a rich set of metadata & data sources
- First step towards a longer-term solution supporting data governance

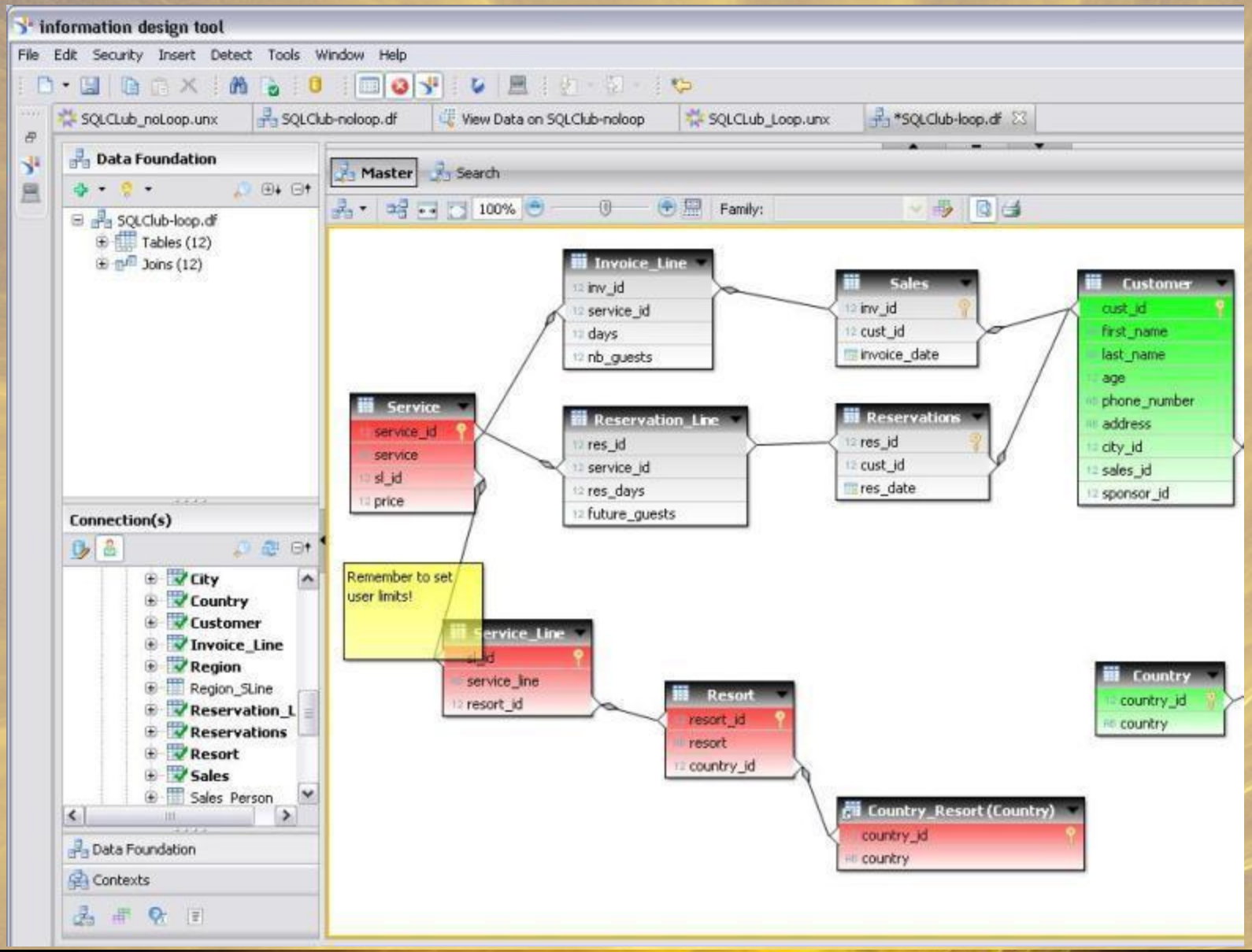
New Universe

- In XI 4.0, universes can be built with three layers:
  - Data Connection
  - Data Foundation
  - Business Layer
  - Combined in a .unx file
- Enhanced data viewing
  - View data from multiple tables at one time
  - View Data from multiple columns at the same time
- Enhanced Integrity Checker
  - Create your own rules for the Integrity Checker

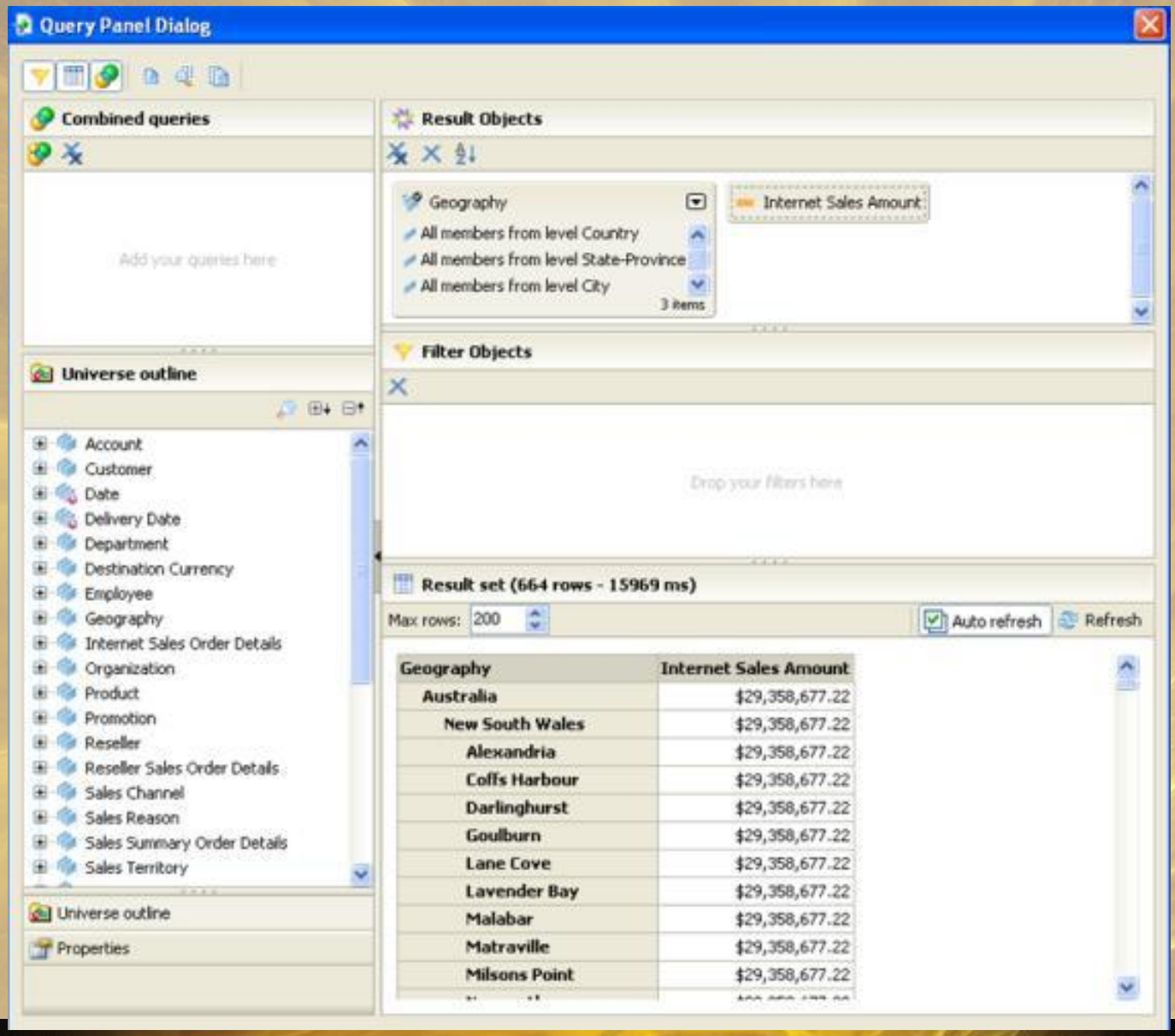
New Universe

- Allows for the color coding of tables, creating groups, or families, of tables
- Calculated Columns
- Prompts and LOV's will be standalone objects and can be created without writing code
- Designers can now create queries in the semantic layer
- Universe Views
- Dependencies and Impact Analysis

New Universe



New Universe



Two New Versions of Crystal

- Crystal Reports 2011
  - Continuation of CR 2008
  - Preserves existing customer investments in Crystal Reports content
- Crystal Reports Enterprise
  - Uses new CSL and completely integrated into XI 4 platform
  - Next generation of report writer
- .NET and Java APIs provided for embedding your beautiful reports inside custom applications

Crystal Reports for Enterprise

- Improved UI and features targeted at reducing report design effort for new users and the average user
- Initially connects to data only via common semantic layer and directly to SAP Bex Queries
  - (direct to data coming in 4.1)
- No APIs –whether .NET or Java; not embeddable
  - (APIs coming in 4.1
- Content not exposed to Microsoft Office via Live Office
  - (coming in 4.1)
- Content not searchable via Enterprise Search mechanisms
  - (coming in 4.1)

Crystal Reports 2011

- Difficult to learn UI for new users; too many clicks to achieve common tasks; great for existing or power / IT users
- Connects to data directly without the need for a semantic layer, but can also connect to XI 3.x version of the semantic layer (albeit in a crippled manner)
- .NET and Java APIs provided for embedding your beautiful reports inside custom applications
- Able to consume and create content via Microsoft Office via Live Office
- Able to leverage Enterprise Search for locating content

Which Crystal Reports?

- **Target Audience for Crystal Reports for Enterprise**
- Existing or New customers with no Crystal investments
- Existing or New customers with Crystal reports connecting to BW only
- Existing customers with Crystal Reports via universes or New customers that want to take advantage of the Common Semantic Layer

Demo CRE

- **Target Audience for Crystal Reports 2011**
- Existing or New customers that must leverage direct-to-data sources
- Existing or New customers that use reports on top of SAP ERP data
- Existing or New customers that are embedding reporting into custom applications

Demo CR2011

Xcelsius 4.0

- Increased Support for Large Enterprise Deployments
  - Serve data to large numbers of dashboards users
  - Based on Dashboards servers introduced in BOE 3.1 SP3
  - Leverage platform cluster architecture for linear scalability
  - Insure minimal response time through dashboard navigation
- Enhanced support for BOE Platform user & system profiling services for monitoring solution
- Multi-lingual dashboards
  - Translate static text using BOE Platform Translation Manager
  - Localize date and numbers based on user locale

Xcelsius 4.0

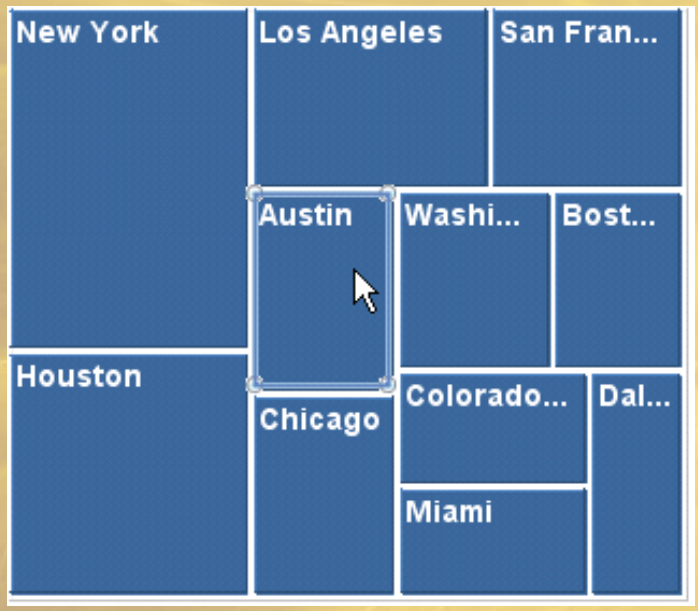
- Enhanced Semantic Layer Integration
- Simplify authoring of dashboards
  - Query panel in Dashboards Designer
  - Direct binding of Universe objects to visualizations
  - Prompt selector to leverage prompt defined in Universe
  - Separation of roles between data experts and dashboard authors
- Next Generation Universe (UNX) Support
  - Consistent access to data between clients and across sources
  - One abstraction layer for all data sources
  - Support of BW & third part OLAP based Universes postpone to BI 4.1 release

Xcelsius 4.1

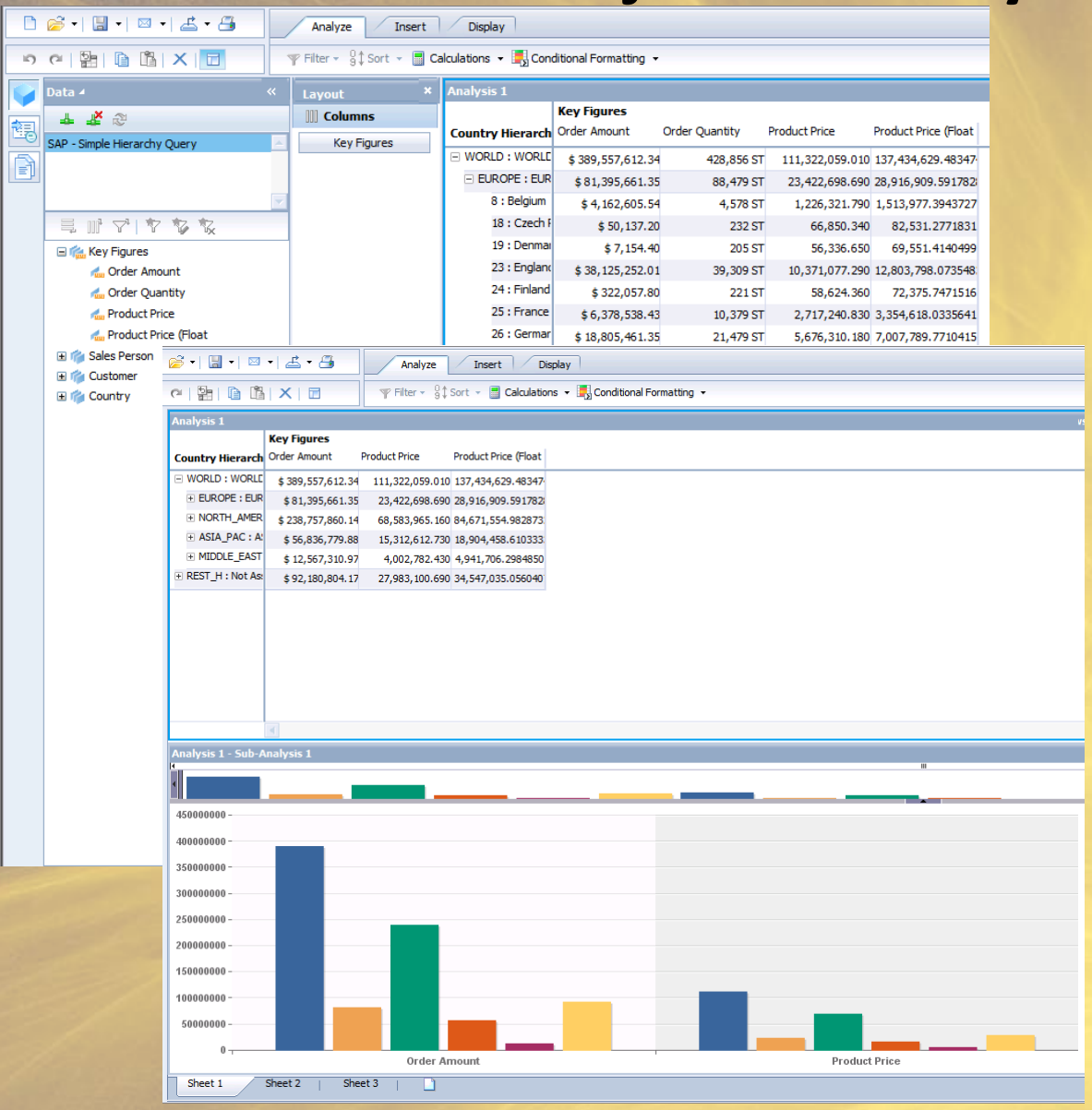
- Enhance scalable BOE backend
  - Support BW and third party OLAP sources
  - Serve personal data without data source hit: CSL data filters on cached data
- Enhance visualization for hierarchies
  - Tree data selection and hierarchical scorecard components
- Enhance binding to dashboard reduce authoring & maintenance cost
  - Direct binding between components to support interactivity and alert definition
- Dashboard Insight to Action
  - Integration of BOE/CSL Take Action service: support for SAP RRI
- Upgrade from Flex 2 to Flex 4
  - Enhanced accessibility (e.g. keyboard navigation, text alternative for charts)
  - Support Flex 4 add-on components

Webi 4.0

- Access to new graphics library
  - From SAP Explorer
- Access to new CSL
- Updated UI

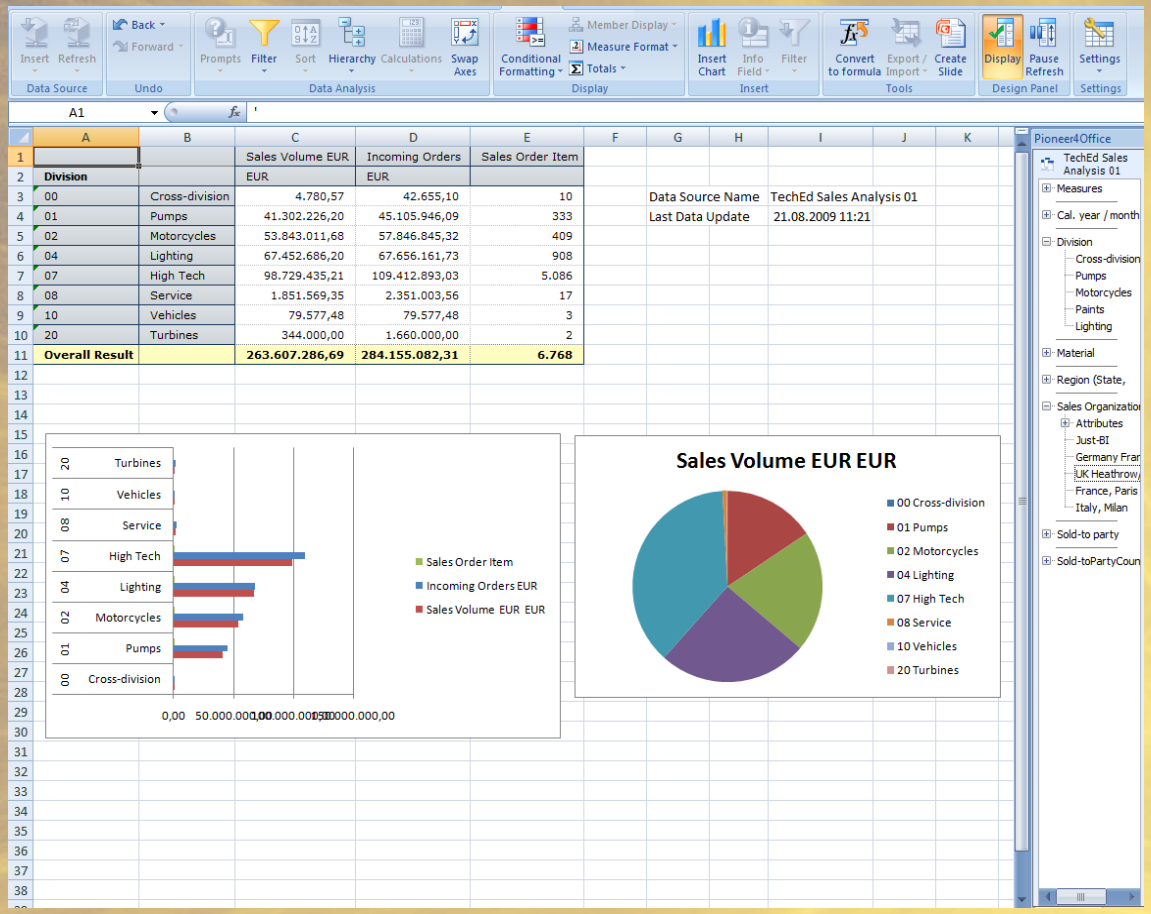


SAP® BusinessObjects™ Analysis, OLAP Edition



- Analyze across multiple dimensions and hierarchies
- Uncover deep business insights
- Boost user adoption and lower TCO with web-based analysis
- Leverage all your investments -BW cubes and Bex query design, and BI platform

SAP® BusinessObjects™ Analysis, Microsoft Office Edition

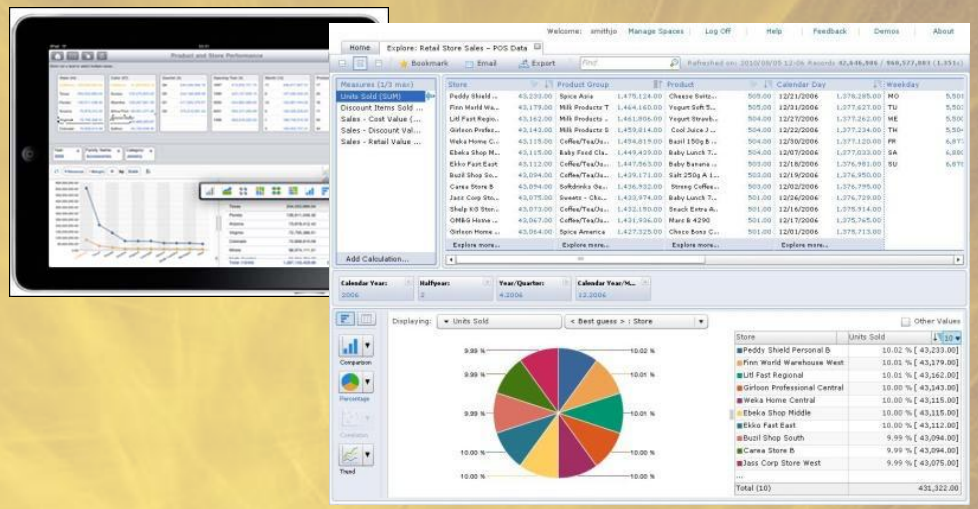


- **Familiar and intuitive Microsoft Office user experience**
- **Uncover deep insights with powerful Excel-based analytical capabilities**
- **Bring analyses into PowerPoint presentations**
- **Leverage all your investments -BW cubes and Bex queries, and BI platform**

SAP BusinessObjects Explorer, Accelerated Version

Any Data Sources

SAP BusinessObjects Explorer



SAP BusinessObjects Data Services

SAP NetWeaver BW

SAP BusinessObjects Accelerator

SAP BusinessObjects Event Insight

- Operational BI for visibility across the enterprise
- **Alert Business Users**
  - Detect and react to business changes before adverse events happen.
- **Meaningful Business Events**
  - Identify new opportunities (e.g. customer buying behavior) through historical and current events.
- **Scaling Benefits**
  - Easy to create queries – no programming needed.
  - Lean deployment.
  - Build to work with heterogeneous data sources
  - Extract both structured and unstructured data

SAP BusinessObjects Event Insight

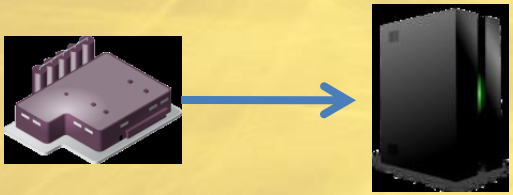
Deliver and Visualize

Dashboard

Alerts

Model Query

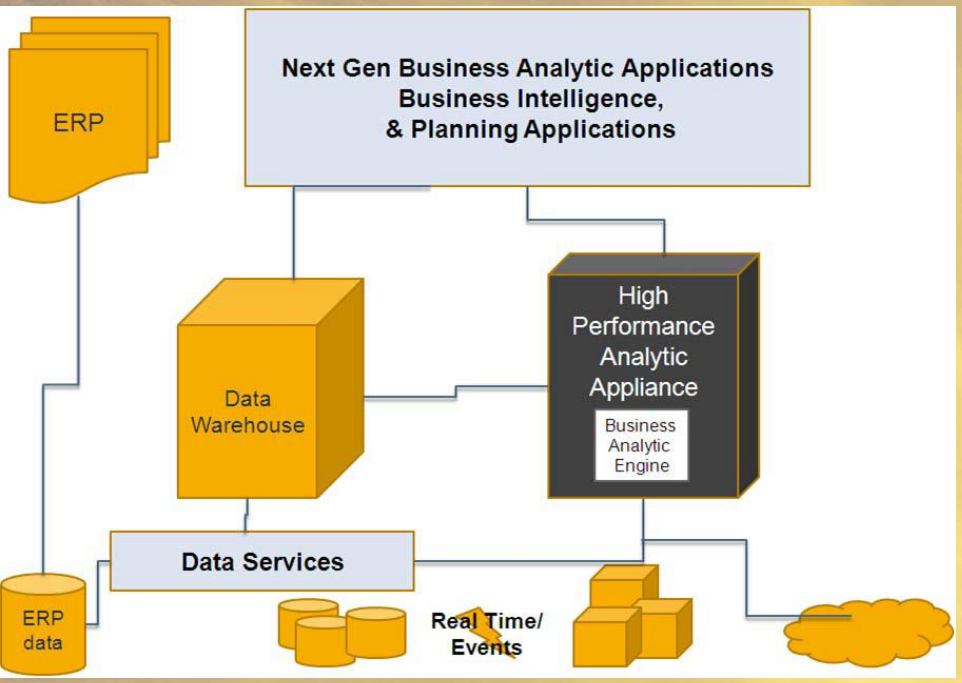
Collect Process

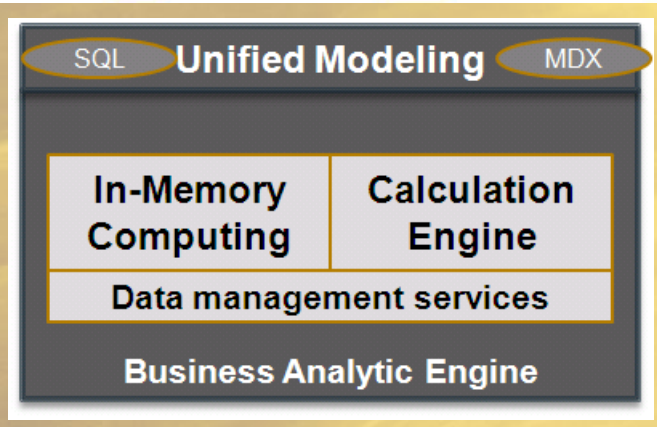


Business Suite 7i 2010 Analytics

- Embedded Analytics within the SAP Business Suite
- Actionable Insight in Your BusinessProcesses
  - Pre-defined best practice SAP BusinessObjects Dashboards
  - Unique integration to SAP Business Suite
  - Pervasive best-of-breed BI from the board room to the shop floor
- Currently planned availability with SAP Business Suite 7 Innovations 2010

HANA 1.0



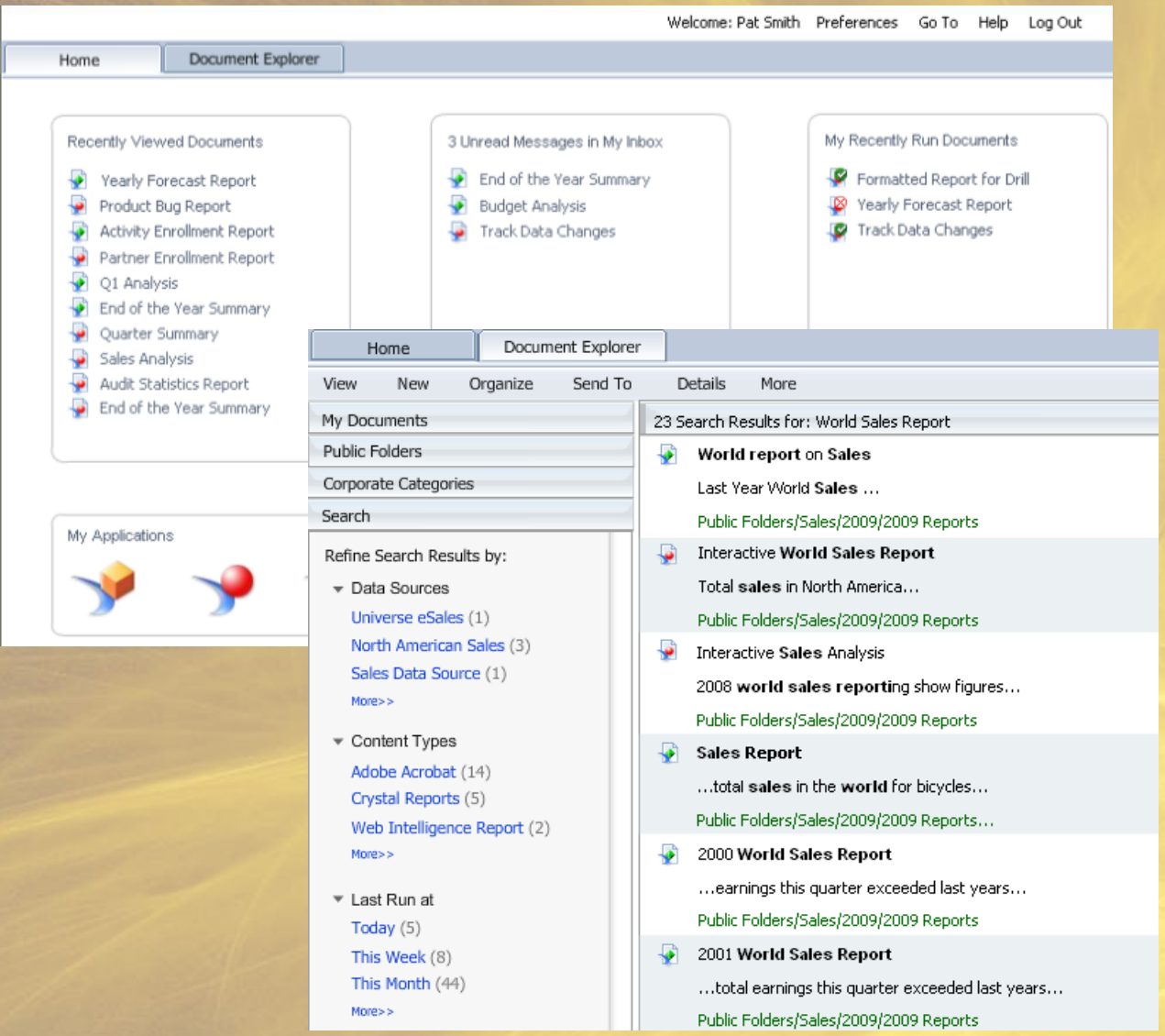


- High Performance ANalytical Appliance 1.0 (HANA)
  - In-memory database for high performance analytics
  - Available for some ERP modules and BI Analytics

XI 4 Platform Monitoring

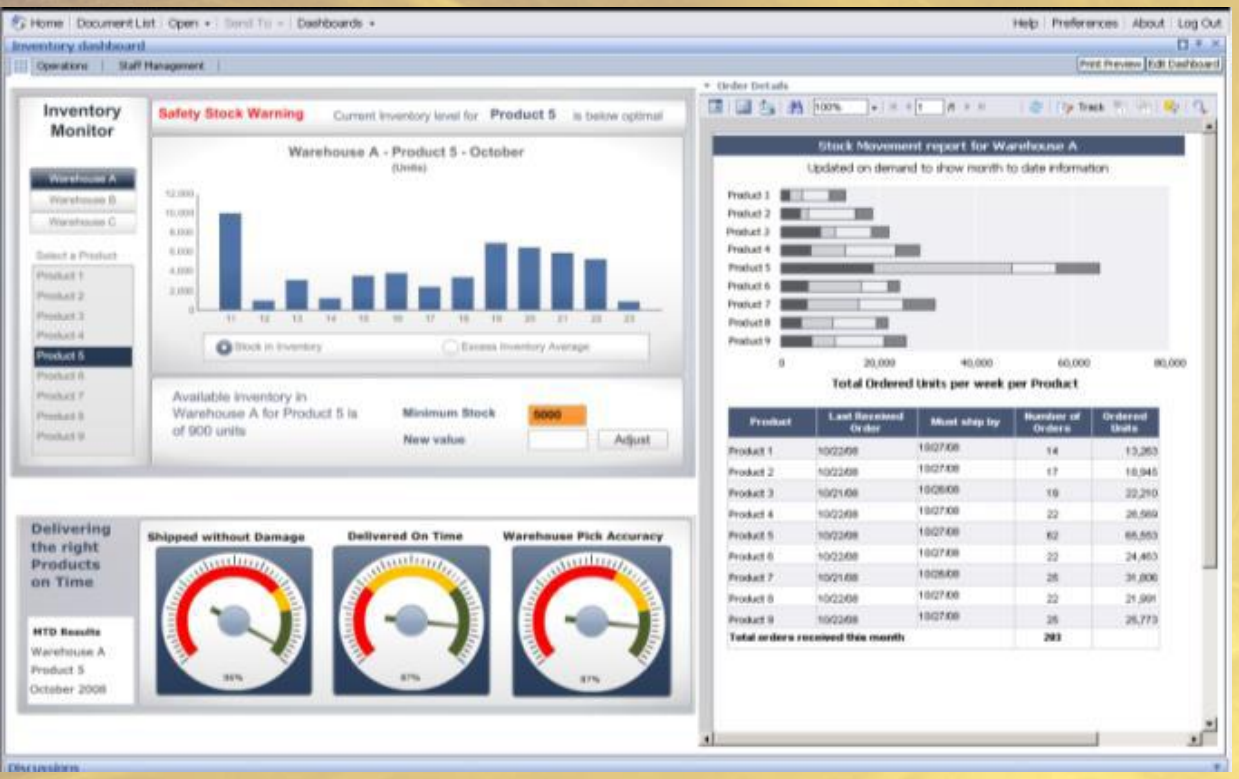
- Dashboard provides an overview of the BI 4.0 landscape
  - Status of servers, alerts and KPIs
  - Uses the metrics exposed by different servers
  - Maintains history and provide graphical visualization component
  - Provides threshold notifications.
  - Default watches for all the servers
  - Integration with IBM Tivoli
  - Integration SAP Solution Manager through Introscope
  - Provides SDK for writing new probes

New content navigation and search



- Easier self-service access to find all available information
- Enhanced filtering and search options reducing page scrolling
- Enhanced navigation for working with multiple documents

BI WorkSpace



- All information and analytics needed for daily activities
- Mass appeal with simple, drag and drop experience
- Simple WYSIWYG authoring
- Decreased dependency on IT

INFOSOL
seeing beyond
BUSINESS INTELLIGENCE
SOLUTIONS THAT INSPIRE

Questions?

Country = France
Resort = French Riviera
Year = FY2008