

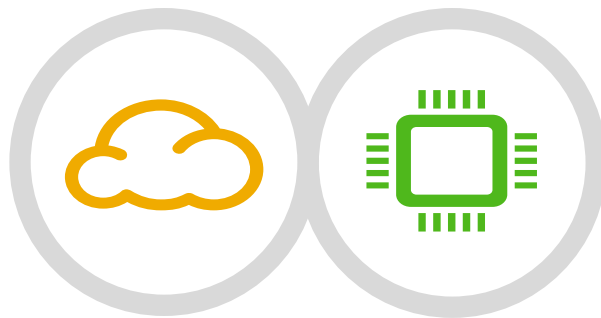
SAP Web Intelligence



P&I Analytics Strategy

Profitable transition to the **Cloud** while growing our **stable core**

**BUILD THE
CLOUD**



**GROW THE
CORE**

SAP BusinessObjects Web Intelligence

for **ad-hoc query** and **interactive reporting**

Access to heterogeneous data sources

- Leverage semantic layer and common business terms
- Combine multiple data sources within a report

Flexibility and control

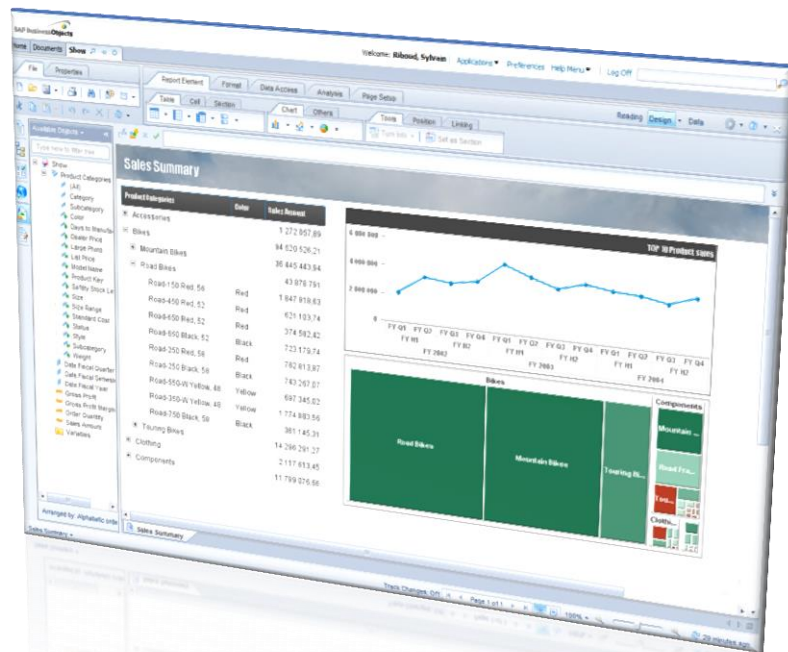
- Create new reports or modify existing reports

Interactive and intuitive interface

- Use the organized toolbar, menus, drag-and-drop features, and charting options

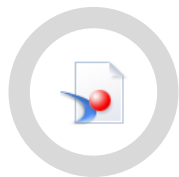
Online and offline reporting

- Ask questions, analyze data, and identify trends no matter where you are (mobile, web, desktop)

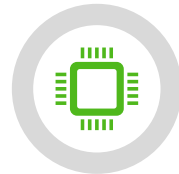


SAP Web Intelligence

Some **key facts** about **WebI** today ...



25,000+ productive Customers and Partners:
Top BI tool in the market



Continuous incremental innovations:
#1 BI tool for the enhancement requests
asked on Idea Place



30% are SAP customers
70% are agnostics



Company size :
50% Large
30% Medium
20% Small



2 years project improving QUALITY



Ready for future growth:
WebI extensibility / Collaboration

SAP Web Intelligence

Our customers: 76% of the Fortune Global 100, and many more





Active employees with a CEP of JG LC+

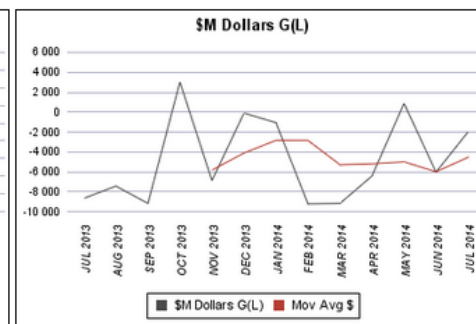
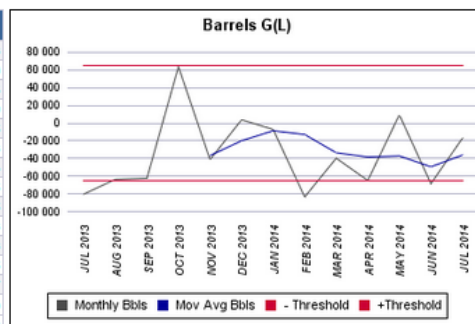
Organisation unit	Employee group cluster	Date to position	Global salary group	Date to salary group	CEP	Develop flag	Primary skill pool	IDP availability start date	IPF current	Organisational unit reference indicator
3rd Party Warehouse	Local	01-Août-2012	06	01-Août-2012	Not assigned	No	Commercial Business to Business (B2B)	01-Oct.-2008	0.9	DIL/436
3rd Party Warehouse	Local	16-Janv.-2014	06	16-Janv.-2014	Not assigned	No	Downstream Logistics	01-Janv.-2018	1.3	DIL/436
AB OG / LRS / Insitu Construction Mgr	Local	01-Déc.-2006	03	01-Févr.-2008	CEP of JG 2-1	No	Project Engineering	01-Janv.-2016	1.0	PTP/U/A/
AB OG / LRS / Insitu Construction Mgr	Local	01-Sept.-2008	03	01-Juin-2011	CEP of JG 2-1	No	Production Operations Upstream	01-Janv.-2014	1.1	PTP/U/A/
AB OG / LRS / Insitu Construction Mgr	Local	16-Juil.-2010	02	16-Juil.-2010	CEP of JG 2-1	No	Project Engineering	01-Juin-2014	1.0	PTP/U/A/
AB OG / LRS / Insitu Construction Mgr	Local	09-Janv.-2012	04	09-Janv.-2012	CEP of JG 5-3	No	Project Engineering	01-Janv.-2016	0.9	PTP/U/A/
AB OG / LRS / Insitu Construction Mgr	Local	01-Oct.-2012	04	01-Oct.-2012	CEP of JG 5-3	No	Production Operations Upstream	01-Août-2016	0.9	PTP/U/A/
AB OG / LRS / Insitu Construction Mgr	Local	04-Févr.-2013	03	04-Févr.-2013	CEP of JG 2-1	No	Project Engineering	01-Févr.-2017	0.9	PTP/U/A/
Accounting Policy	Local	16-Avr.-2012	03	16-Avr.-2012	CEP of JG 2-1	No	Finance Support	01-Avr.-2016	0.9	FUA/LA
Administrative Support Unit AM CA	Local	01-Janv.-2009	06	01-Déc.-2006	Not assigned	No	Business Administration and Support	01-Janv.-2015	1.3	PTD/TAB/
Administrative Support Unit AM CA	Local	03-Juil.-2012	09	03-Juil.-2012	Not assigned	No	Business Administration and Support	01-Juil.-2016	1.0	PTD/TAB/
Administrative Support Unit AM CA	Local	08-Avr.-2013	09	08-Avr.-2013	Not assigned	No	Business Administration and Support	01-Avr.-2017	0.9	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	07	01-Févr.-2008	Not assigned	No	Business Administration and Support	01-Janv.-2015	1.1	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	07	10-Nov.-2008	Not assigned	No	Business Administration and Support	01-Janv.-2018	0.9	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	08	01-Déc.-2006	Not assigned	No	Contracting and Procurement	01-Janv.-2018	0.8	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	08	02-Juin-2008	Not assigned	No	Business Administration and Support	01-Janv.-2018	1.0	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	08	18-Août-2008	Not assigned	No	Business Administration and Support	01-Juin-2017	1.1	PTD/TAB/
Administrative Support Unit AM CA	Local	01-Janv.-2014	08	07-Janv.-2013	Not assigned	No	Business Administration and Support	01-Janv.-2017	1.2	PTD/TAB/

Unité : En €

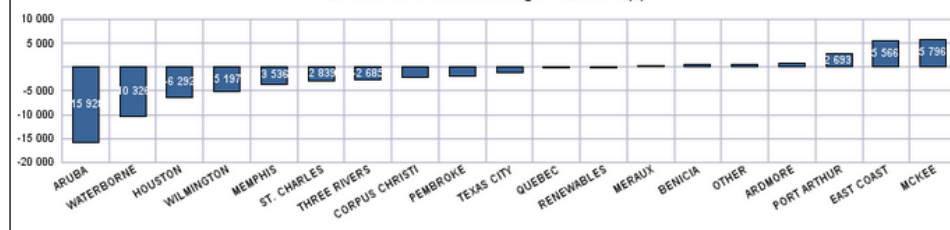
Liquids Threshold 0.04 %
At Risk (Prior 12 mo) 1 944 000 MBbls

Valero (Systems)

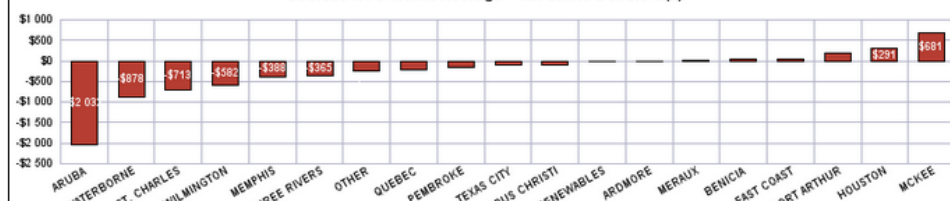
Date	Gain(Loss) Bbls	Gain(Loss) \$
JUL 2013	-80 176	-\$8 665 528
AUG 2013	-63 522	-\$7 433 780
SEP 2013	-62 252	-\$9 177 056
OCT 2013	63 841	\$3 030 349
NOV 2013	-41 220	-\$6 899 465
DEC 2013	3 839	-\$96 308
JAN 2014	-7 015	-\$1 055 953
#VALEURMULTI	-83 405	-\$9 221 595
MAR 2014	-39 626	-\$9 175 445
#VALEURMULTI	-64 824	-\$6 419 548
MAY 2014	9 509	\$896 128
JUN 2014	-68 392	-\$6 033 475
#VALEURMULTI	-16 952	-\$1 995 407
5 Month Avg	-36 057	-\$4 545 749
12 Month Total	-370 019	-\$53 572 553



Sources for 5 Month Average - Barrels G(L)



Sources for 5 Month Average - Thousand Dollars G(L)



VALERO	
Ardmore	Pembroke
Aruba	Port Arthur
Benicia	Quebec
Corpus Christi	Renewables
East Coast	St. Charles
Houston	Texas City
McKee	Three Rivers
Memphis	Waterborne
Meraux	Wilmington
Other	Solids



Fahrzeug-Werdegang inkl. Ursacheneingabe



Kennnummer: 22201413242077 **Werk:** Neckarsulm
VIN (kurz): 8FEN012654 **Linie:** ML A6/A4

Liste aller Prüfschritte (aus ECOS und FISeQS)

12/03/2014 10:13:23 Linien NA LNA

Pvo Ppl Bezeichnung	Di ag Ad r	Psc Startzeit	Psc Endezeit	TM A	Psc Sta Kur zbe zeic	Fehlerobjekt Anzeige Symptom	Aktion	Ist	Soll	Fehlerobjekt - Lage [Ursache]	Fehlerart [Ursache]	Verursacher [Ursache]	Fur Bea [Ursache]	NA_Freit ext [Ursach e]	NA_Z eit [Ur sa]
LNA	-	12/03/2014 10:13:28	12/03/2014 10:13:28	8F7	NIO	Symptom für Linien Nacharbeit	n.a.			-	-	-	-	-	-

20/03/2014 14:31:37 WPK A17FLA

Pvo Ppl Bezeichnung	Di ag Ad r	Psc Startzeit	Psc Endezeit	TM A	Psc Sta Kur zbe zeic	Fehlerobjekt Anzeige Symptom	Aktion	Ist	Soll	Fehlerobjekt - Lage [Ursache]	Fehlerart [Ursache]	Verursacher [Ursache]	Fur Bea [Ursache]	NA_Freit ext [Ursach e]	NA_Z eit [Ur sa]
A17FLA	-	20/03/2014 14:31:37	20/03/2014 14:31:37	8F7	NIO	Frontklappe	n.a.			-	-	-	-	-	-
A17FLA	-	20/03/2014 14:31:38	20/03/2014 14:31:38	8F7	NIO	Frontklappe	n.a.			-	-	-	-	-	-

21/03/2014 10:38:04 Vorprüfung 1 PPLS002

Pvo Ppl Bezeichnung	Di ag Ad r	Psc Startzeit	Psc Endezeit	TM A	Psc Sta Kur zbe zeic	Fehlerobjekt Anzeige Symptom	Aktion	Ist	Soll	Fehlerobjekt - Lage [Ursache]	Fehlerart [Ursache]	Verursacher [Ursache]	Fur Bea [Ursache]	NA_Freit ext [Ursach e]	NA_Z eit [Ur sa]
PPLS002	-	21/03/2014 10:38:04	21/03/2014 10:38:05	8F7	IO	kein Steuergerätebezug	Systemfunktion ausführen			-	-	-	-	-	-
PPLS002	-	21/03/2014 10:38:07	21/03/2014 10:38:07	8F7	IO	Diagnose-Prüfsystem	Icons Release Version dokumentieren	13.48.1.0	13.48.1.0	-	-	-	-	-	-
PPLS002	-	21/03/2014 10:38:07	21/03/2014 10:38:07	8F7	IO	EFA Text fehlt	Prüfmerkmal fehlt	Revision: 2740 Datum: 2013-10-01 11:47:44 +0200 (Di, 01.	Revision: 2740 Datum: 2013-10-01 11:47:44 +0200 (Di, 01.	-	-	-	-	-	-

April 2014

OBJECTIVE: SATISFY OUR CUSTOMERS

Process Family Feedback		March		April		OCS by Topic		April	Trend	OCS by question		April	
Target	76	Delivery OCS		Delivery OCS		Attitude	86	73	35	Aircraft Readiness	56		
YTD OCS	70	CSIP expected: 29		CSIP expected: 23		Processes	73	25	58	External aircraft structure	56		
Trend vs last month	2	19 Received (66%)		18 Received (78%)		Prod Quality	75	26	67	Repetitive items	57		
<p>Answer to the Overall Satisfaction Question</p>												<p>Aircraft exterior paint</p> <p>Condition Aircraft</p> <p>Engines and Nacelles</p>	<p>53%</p> <p>67</p> <p>75</p>

#MULTIVALUE

#COMPUTATION

Target	76	March Delivery OCS	April Delivery OCS	OCS by Topic	April	Trend	OCS by question	April
YTD OCS	83	87	83	Attitude	88	-5	Aircraft delivery program	84
Trend vs last month	0	CSIP expected: 36	CSIP expected: 31	Processes	78	-7	Cabin status	71
		27 Received (75%)	19 Received (61%)	Prod Quality	84	-2	Aircraft Readiness	73
Answer to the Overall Satisfaction Question							External aircraft structure	74
							Service and Facility	74

#MULTIVALUE

#COMPUTATION

Target	76	March Delivery OCS	April Delivery OCS	OCS by Topic	April	Trend	OCS by question	April
YTD OCS	93	100	95	Attitude	97	-3	documentation	66
Trend vs last month	1	CSIP expected: 2 2 Received (100%)	CSIP expected: 5 5 Received (100%)	Processes	100	0		
				Prod Quality	90	-10		
<p>Answer to the Overall Satisfaction Question</p> <p>29% 51%</p>								

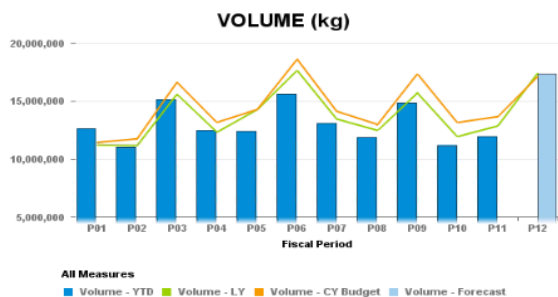


MLF Retail Progression (Ex-Distressed)

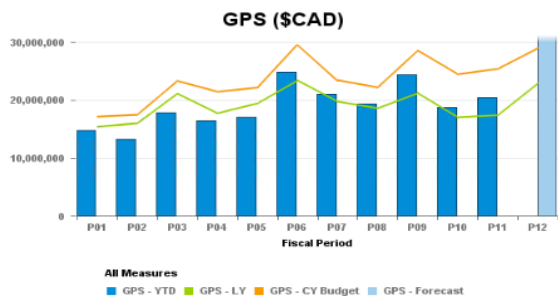
RUN: 11/26/14 3:35:26 PM GMT-01:00 DFG

| Company Code: MLCF | Fiscal Week: 201447 | Report Currency: CAD | Volume UOM: KG |

Volume	P10	P11	P12	YTD	YTG	Q1	Q2	Q3	Q4
Prior Year	11,946,587	12,857,650	17,432,885	24,804,237	17,432,685	38,007,635	44,311,046	41,625,843	42,236,923
Budget	13,154,523	13,881,698	17,145,017	26,816,221	17,145,017	39,838,195	46,115,296	44,460,525	43,961,238
Budget vs PY %	10%	6%	-2%	8%	7%	5%	4%	7%	4%
Budget vs PY +/-	1,207,936	804,048	(287,668)	2,011,984	(287,668)	1,830,560	1,804,250	2,834,682	1,724,316
Actual + LE	11,195,252	11,975,382	17,346,863	23,170,634	17,346,863	38,831,543	40,527,759	39,839,588	40,517,497
Actual + LE vs PY %	-8%	-7%	0%	-7%	0%	2%	-9%	-4%	-4%
Actual + LE vs PY +/-	(751,335)	(882,268)	(85,822)	(1,633,604)	(85,822)	823,907	(3,783,287)	(1,786,256)	(1,719,426)
Actual + LE vs Budget %	-15%	-12%	1%	-14%	1%	-3%	-12%	-10%	-8%
Actual + LE vs Budget +/-	(1,959,271)	(1,686,317)	201,846	(3,645,588)	201,846	(1,006,653)	(5,587,537)	(4,620,937)	(3,443,742)
Forecast	11,864,733	12,768,598	17,346,863	24,633,331	17,346,863	38,831,543	40,527,759	39,911,047	41,980,194
Actual + LE vs Forecast %	-6%	-6%	-	-6%	-	-	-	0%	-3%
Actual + LE vs Forecast +/-	(669,481)	(793,216)	-	(1,462,697)	-	-	-	(71,459)	(1,462,697)



GP\$	P10	P11	P12	YTD	YTG	Q1	Q2	Q3	Q4
Prior Year	\$17,040,790	\$17,411,795	\$22,889,558	\$34,452,596	\$22,889,558	\$52,531,112	\$60,560,994	\$59,530,615	\$57,342,144
Budget	\$24,465,320	\$25,401,698	\$28,963,541	\$49,867,018	\$28,963,541	\$57,952,332	\$73,251,232	\$74,193,641	\$78,830,560
Budget vs PY %	44%	48%	27%	45%	27%	10%	21%	25%	37%
Budget vs PY +/-	\$7,424,530	\$7,989,903	\$6,073,984	\$15,414,433	\$6,073,984	\$5,421,220	\$12,690,239	\$14,663,025	\$21,488,416
Actual + LE	\$18,859,386	\$20,404,861	\$35,595,844	\$39,264,247	\$35,595,844	\$46,104,368	\$58,496,211	\$65,032,365	\$74,860,091
Actual + LE vs PY %	11%	17%	56%	14%	56%	-12%	-3%	9%	31%
Actual + LE vs PY +/-	\$1,818,595	\$2,993,066	\$12,706,286	\$4,811,661	\$12,706,286	(\$6,426,744)	(\$2,064,783)	\$5,501,750	\$17,517,947
Actual + LE vs Budget %	-23%	-20%	23%	-21%	23%	-20%	-20%	-12%	-5%
Actual + LE vs Budget +/-	(\$5,605,935)	(\$4,996,837)	\$6,632,303	(\$10,602,772)	\$6,632,303	#####	#####	(\$9,161,276)	(\$3,970,469)
Forecast	\$23,738,273	\$25,735,269	\$35,595,844	\$49,473,542	\$35,595,844	\$46,104,368	\$58,496,211	\$70,494,143	\$85,069,386
Actual + LE vs Forecast %	-21%	-21%	-	-21%	-	-	-	-8%	-12%
Actual + LE vs Forecast +/-	(\$4,878,887)	(\$5,330,408)	-	(\$10,209,295)	-	-	-	(\$5,461,778)	#####



GP/kg	P10	P11	P12	YTD	YTG	Q1	Q2	Q3	Q4
Prior Year	\$1.43	\$1.35	\$1.31	\$1.39	\$1.31	\$1.38	\$1.37	\$1.43	\$1.36
Budget	\$1.68	\$1.68	\$1.69	\$1.66	\$1.69	\$1.45	\$1.59	\$1.67	\$1.79
Budget vs PY %	30%	37%	29%	34%	29%	5%	16%	17%	32%





Agenda

- How Web Intelligence fits in the SAP BI product strategy

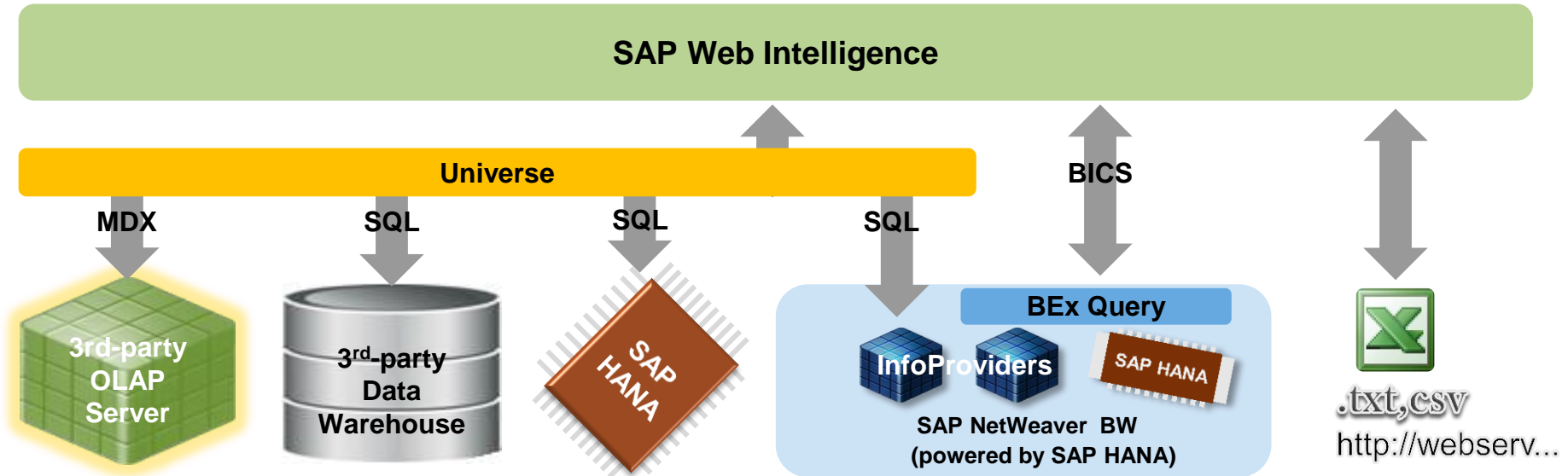
Top 5 use scenarios

- What's new in the latest releases and updates
- Planned innovations and future directions
- Wrap-up

Ad Hoc Query

Access all data sources

- Best access method for each specific data source: BICS, SQL, MDX
- New dimensional universes for 3rd-party OLAP data sources
- New multi-source universes with built-in data federation



Use Case #1: Standard Reporting

Organize **information** your **way** with **free-form reporting**

Organized
tool bar

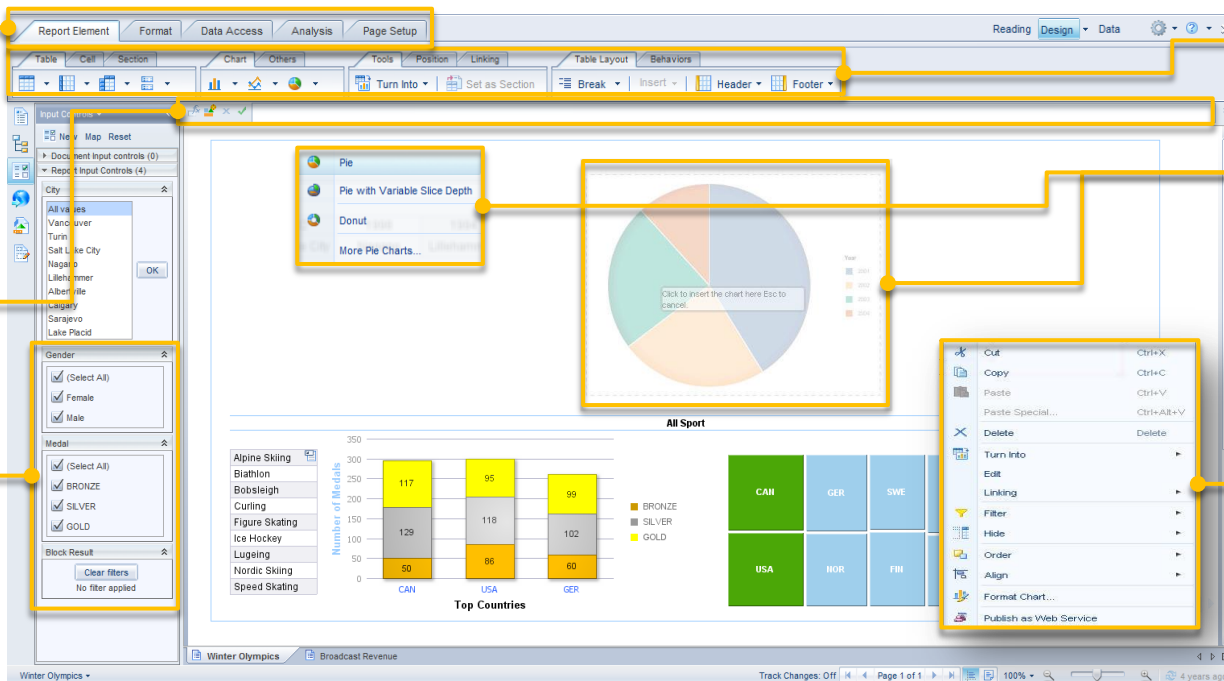
Rich feature
set

f(x): local
calculations
and
variables

Drag and
drop

Context
related
right click
menu

Interact
with a few
clicks



Use Case #2: Interactive Reporting

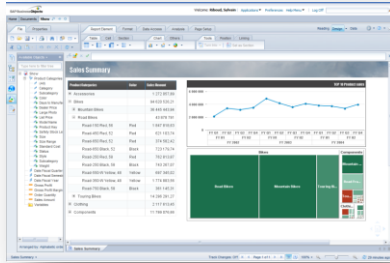
Gain **business insight** with **interactive** reports



Use Case #3: Information Sharing

Share Web Intelligence reports with others

Web Intelligence



End users can:

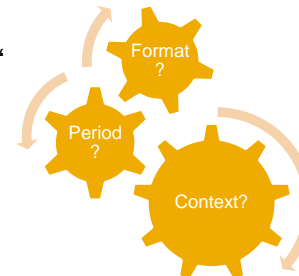
- Share Web Intelligence document in different format



- Send directly to other users via e-mail , or BI-Inboxes

End users and/or IT can:

- Create a secured Scheduling task or a Publication to automate the sharing process
- Define “Report-Bursting”



Destinations?

E-mail
BI-Inbox
FTP server
File system



Use Case #4: Mobile Analytics

Consume Web Intelligence reports on your preferred mobile device

Consume Web Intelligence reports with the SAP BusinessObjects Mobile app

- Push Web Intelligence document directly in the mobile BI inbox
- Securely consume information while being connected and disconnected
- Interact with reports via input controls, element linking or geo-maps
- Take immediate action via “send to” actions (annotate and share)



Use Case #5: Custom Development

Customize and extend Web Intelligence, or integrate it into **your application**

REST Web Services APIs

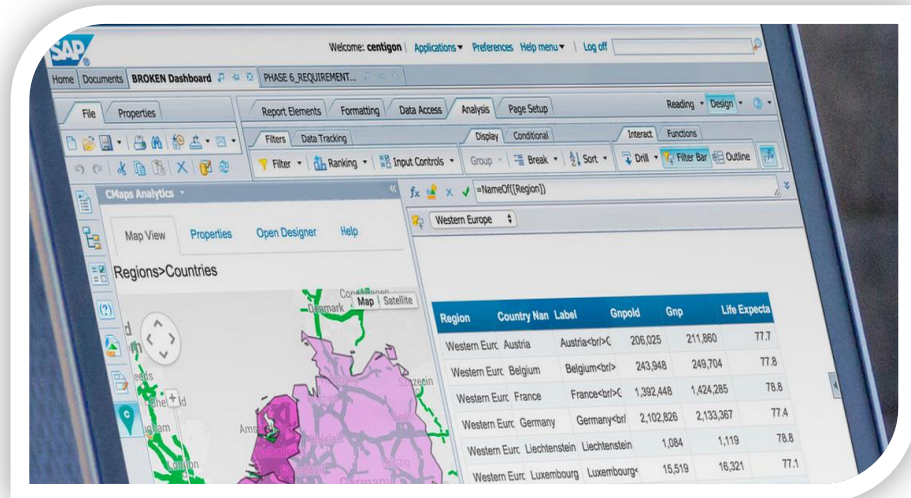
- Consumption workflows of Web Intelligence document
- Data providers and query specification creation
- Document authoring
- Scheduling workflows

UI customization

- Personalize Web Intelligence clients
- Customization per user group in CMC
- Customization of UI elements and actions

JavaScripts Extension Points

- Personalize Web Intelligence clients
- Add or customize features





Agenda

- How Web Intelligence fits in the SAP BI product strategy
- Top 5 use scenarios

What's new in the latest releases and updates

- Planned innovations and future directions
- Wrap-up

What's New in Web Intelligence 4.1 SP1

BI 4.1 GA in August 2013

Freeze headers

- Keep table rows or columns visible while scrolling
- User defined number of first rows or columns to freeze

Custom color palettes and color assignment

- Creation and edition of custom palettes to manage chart coloring
- Color assignment improvements

Measure delegation

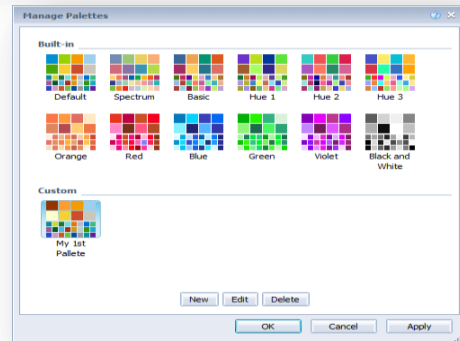
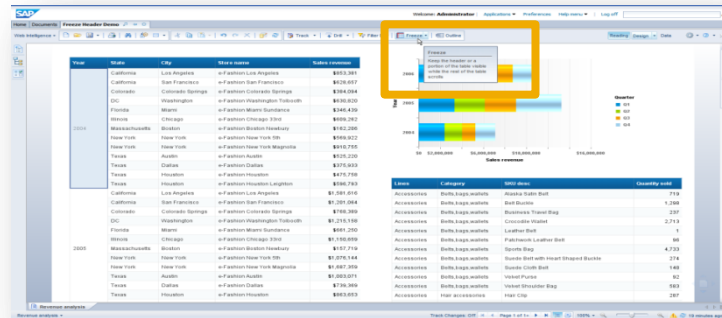
- Auto-refresh option at server and document level
- Reduce #unavailable by delegating measure calculation

Merged objects

- Can add/remove object to a merged object
- Allow merged objects with hierarchy

Usability

- Report header/footer properties re-organization
- Fold/unfold on table in reading mode in HTML
- List of value (LOV) selector in formula editor
- Single query execution in query panel



What's New in Web Intelligence 4.1 SP1

Focus on Quality: Increase Performance

Launch of the Web Intelligence Rich Internet Application

Create/edit BW/BEx reports

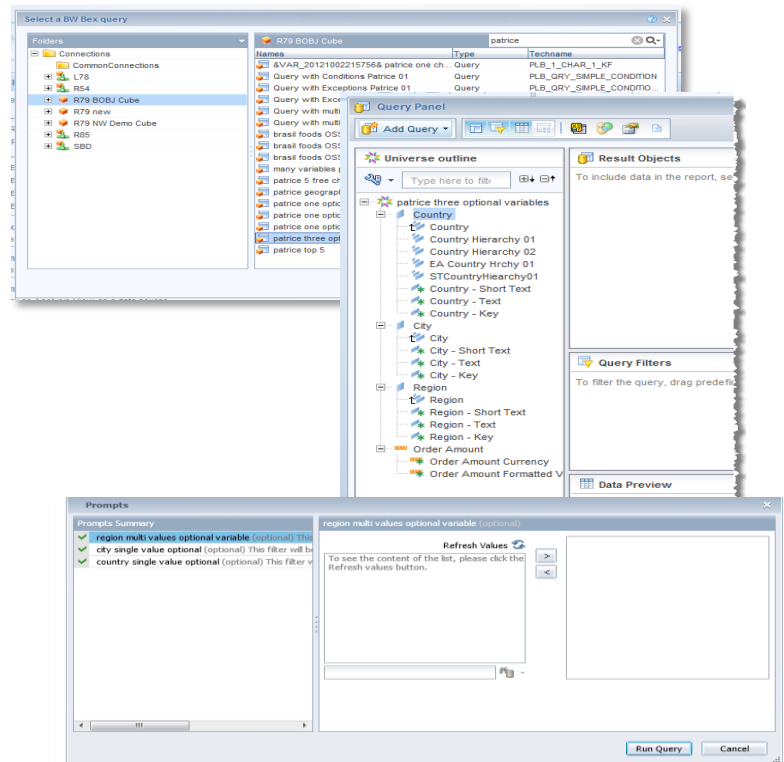
4.1 faster than 4.0 to open query panel

- Up to 80% (1) faster with BW 7.30
- Up to 60% (1) faster with BW 7.01 / 7.0

Refresh BW/BEx reports with variables

4.1 faster than 4.0 to refresh reports with variables

- Up to 20% (1) faster to display variable screen
- Up to 50% (1) faster to execute queries



(1) data collected in specific development lab conditions; may not be representative of production deployment conditions

What's New in Web Intelligence 4.1 SP1

Performance Improvements for BI 4.1 on BW 7.x

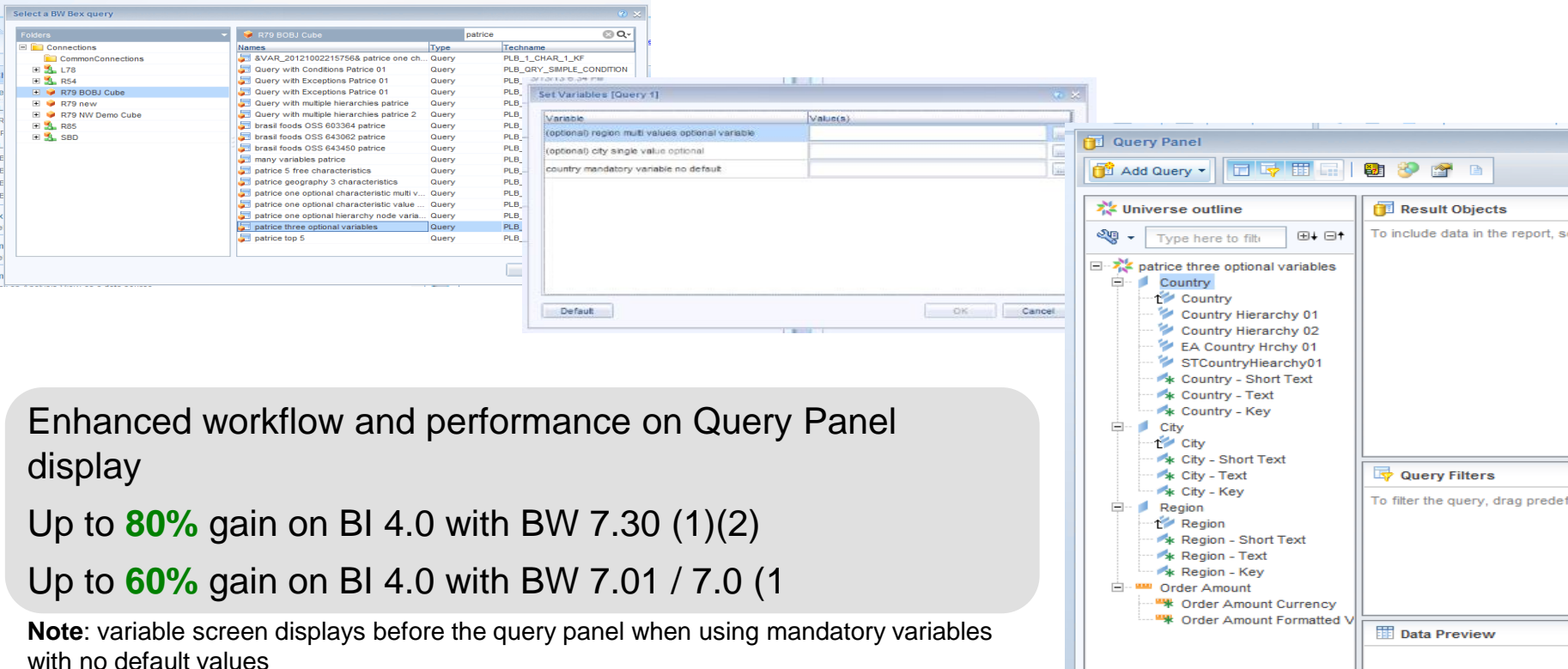
Significant performance improvements for report developers and consumers:

- On **report creation or edit** with WebIntelligence or Crystal Reports for Enterprise on BEx queries
- On **report refresh** with WebIntelligence or Crystal Reports for Enterprise on BEx queries with variables



What's New in Web Intelligence 4.1 SP1

Report creation or edit on BEx queries



The image displays three screenshots from the SAP Web Intelligence 4.1 SP1 interface. The leftmost screenshot shows the 'Select a BW Bex query' dialog with a tree view of folders and a list of queries. The middle screenshot shows the 'Set Variables [Query 1]' dialog with a table of variables and their values. The rightmost screenshot shows the 'Query Panel' with a 'Universe outline' tree and 'Result Objects' list.

Select a BW Bex query

Folders	Names	Type	Techname
Connections	8VAR_20121002215756& patrice one ch...	Query	PLB_T_CHAR_1_XF
CommonConnections	Query with Conditions Patrice 01	Query	PLB_ORY_SIMPLE_CONDITION
L7S	Query with Exceptions Patrice 01	Query	PLB...
R54	Query with multiple hierarchies patrice	Query	PLB...
R79 BOBJ Cube	Query with multiple hierarchies patrice 2	Query	PLB...
R79 new	brasil foods OSS 603364 patrice	Query	PLB...
R79 NW Demo Cube	brasil foods OSS 643062 patrice	Query	PLB...
R55	brasil foods OSS 643450 patrice	Query	PLB...
SBD	many variables patrice	Query	PLB...
	patrice 5 free characteristics	Query	PLB...
	patrice geography 3 characteristics	Query	PLB...
	patrice one optional characteristic multi v...	Query	PLB...
	patrice one optional characteristic value ...	Query	PLB...
	patrice one optional hierarchy node varia...	Query	PLB...
	patrice three optional variables	Query	PLB...
	patrice top 5	Query	PLB...

Set Variables [Query 1]

Variable	Value(s)
(optional) region multi values optional variable	
(optional) city single value optional	
country mandatory variable no default	

Query Panel

Universe outline

- patrice three optional variables
 - Country
 - Country
 - Country Hierarchy 01
 - Country Hierarchy 02
 - EA Country Hierarchy 01
 - STCountryHierarchy01
 - Country - Short Text
 - Country - Text
 - Country - Key
 - City
 - City
 - City - Short Text
 - City - Text
 - City - Key
 - Region
 - Region
 - Region - Short Text
 - Region - Text
 - Region - Key
 - Order Amount
 - Order Amount Currency
 - Order Amount Formatted V

Result Objects

To include data in the report, se

Query Filters

To filter the query, drag predefin

Data Preview

Enhanced workflow and performance on Query Panel display

Up to **80%** gain on BI 4.0 with BW 7.30 (1)(2)

Up to **60%** gain on BI 4.0 with BW 7.01 / 7.0 (1)

Note: variable screen displays before the query panel when using mandatory variables with no default values

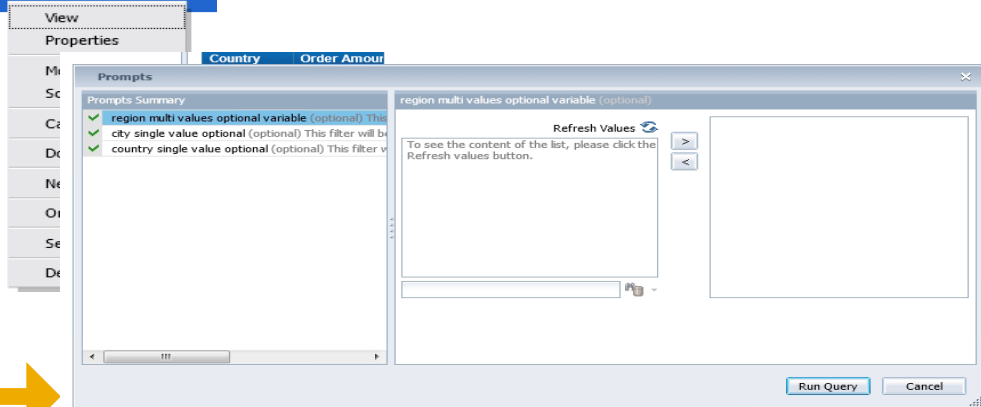
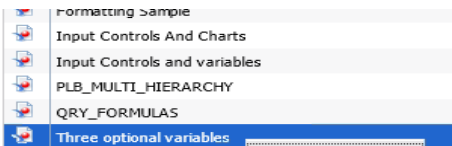
(1) data collected in specific development lab conditions; may not be representative of production deployment conditions

(2) see appendix for details on BW pre-requisites

What's New in Web Intelligence 4.1 SP1

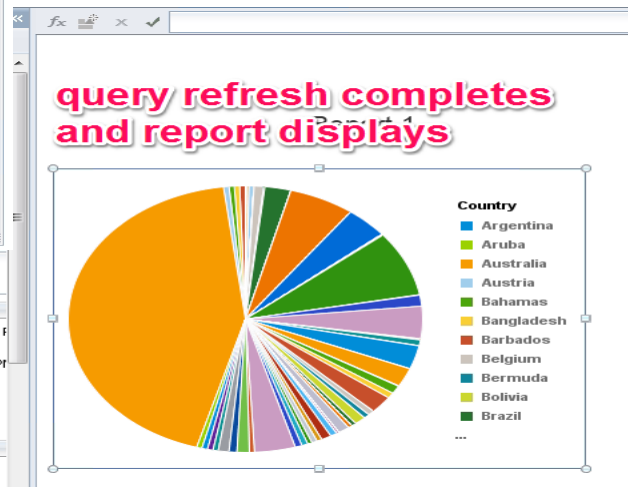
Report refresh on BEx queries

Enhanced handling of List of Values and Variables



Up to **20%** gain (1)

Up to **50%** gain (1)



(1) data collected in specific development lab conditions; may not be representative of production deployment conditions

What's New in Web Intelligence 4.1 SP1

SAP application integration

SAP BW

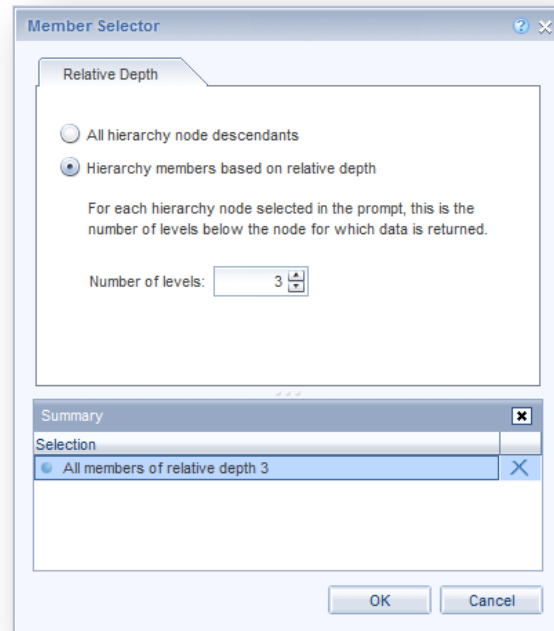
- Level selection for Hierarchy Node Variable
- Level selection based on relative depth for Hierarchy Variable
- Variable selection before query panel display

SAP HANA

- Query stripping

SAP ERP

- Support optional parameters with no default value
- Query stripping



What's New in Web Intelligence 4.1 SP2

November 2013

WebI
Customer Connection
Program

Custom grouping

- Group values of dimension under another label
- Auto-creation of « Other » categories for non grouped values

Excel data source

- Creation/editing of Excel data provider directly from the applet
- Excel data provider based on file stored in the BI repository

Image and chart management

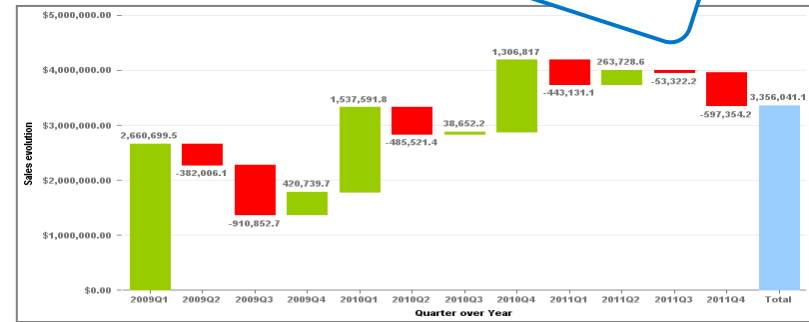
- Use of variables for dynamic background image definition
- Waterfall colors control

Usability enhancements

- Icons for quick access to number formatting
- Predefined cell for prompt answer
- Display full report name in tab in rich client and applet

Schedule export to TXT

- One more format when scheduling WebI documents



The 'Manage Groups' dialog box shows a list of countries and their corresponding groups. The 'Name' field is set to 'Country of origin+'. The 'Group' button is active. The 'Ungrouped Values' dropdown is set to 'Others'.

Country of origin	Groups
<input checked="" type="checkbox"/> Germany	Others
<input checked="" type="checkbox"/> Japan	Asia
<input checked="" type="checkbox"/> Madagascar	Africa
<input checked="" type="checkbox"/> Middle East	Others
<input checked="" type="checkbox"/> Nepal	Asia
<input checked="" type="checkbox"/> South Africa	Africa
<input checked="" type="checkbox"/> US	Others

Type here to filter values: [icon] All Groups [icon] [icon]

OK Cancel Apply

What's New in Web Intelligence 4.1 SP3

March 2014

HANA variables and input parameters

- HANA variables are mapped to query prompts

Input controls

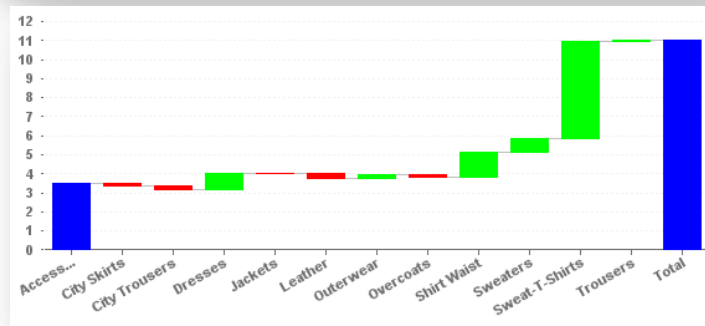
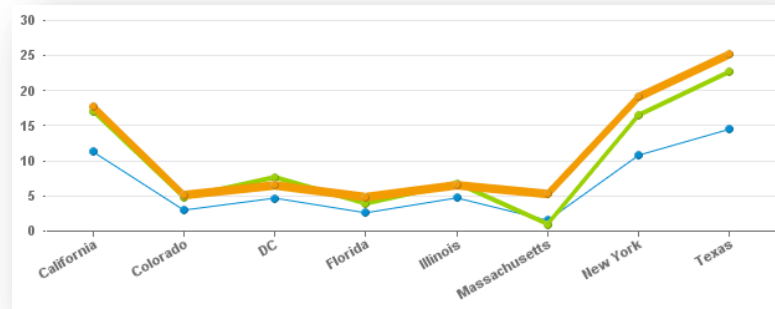
- Hide the "All Values" option
- Duplicate reports with input controls

Charts

- Line charts with different line widths
- Waterfall charts with reference lines between columns or bars

Right to Left support, including Hebrew

Support for SharePoint 2013



What's New in Web Intelligence 4.1 SP4

June 2014

Set default level for hierarchy expansion

- Now you can set the default hierarchy member levels that are visible in a hierarchy table
- Those levels will remain visible at the preferred level, even after a refresh or data purge

Dynamic BEx variable default value when scheduling

- Before 4.1 SP4, the default value for BEx variables when scheduling a Web Intelligence document was static
- Starting from 4.1 SP4, the default value can be dynamically provided by the BEx query when the scheduled document is executed

Planned Innovations in Web Intelligence 4.1 SP5

November 2014

Incremental enhancements to facilitate adoption

- BW manual prompt entry including BW pattern matching
- Free-hand SQL data provider (Deskl migration/refresh)
- UI customization per document folder
- HANA sampling at report design time

Extension of the REST Web Services API

- More options for OEMs and partners to customize, extend, and embed



Agenda

- How Web Intelligence fits in the SAP BI product strategy
- Top 5 use scenarios
- What's new in the latest releases and updates

Planned innovations and future directions

- Wrap-up

SAP Web Intelligence

Do **you** know **Web Intelligence** for the coming **4.2** release?

synchronized multiple sources
track changes robust semantic layer styles & templates
open data provider SDK & extensions advanced filtering
empower end users powerful reporting interactivity
formatting most flexible trusted BI HANA direct access
filter & drill any data source ad hoc query share & reuse
report linking integrated BW direct access HANA on line annotations
web-based high-quality reports rendering delegation
query & report market-leading business intelligence parallel DP refresh
self-service information access
controlled and secure information access

Web Intelligence roadmap

Simplify

- Multi-select in tables (shift + click)
- FHSQL UI in Java Client

Extend

- Support Navigation path in JS SDK
- UNIX support in Live Office (APOS)
- Improved RelativeDate() formula
- Cancel Query
- Performance improvements

Enhance

- Support BI Variants in prompt panel
- Change source improvements
- Global Input Control
- Dynamic default values for prompt
- Hana multivalued Input parameters
- Block OLAP Query without measure

TRUSTED FOUNDATION

- (SL/IDT) Set Analysis
- (SL/IDT) Linked Universes
- Performance improvements (Parallel DataProvider execution)
- Report block delegated rendering (X-Block, for new chart type in WebI)
- Advanced Filtering capability (Cascading Input Control)

ENABLE THE BUSINESS

- Annotations
- WebI Shared Objects (with reference)
- Templates
- Geo-Maps

PATH TO THE FUTURE

- HANA Direct Access
- HANA Online (delegation)
- Custom Data Provider

WARNING: This is not a commitment! This is the current state of planning and may be changed by SAP at any time.

PLANNED INNOVATIONS
(release BI4.1 SP06)

FUTURE DIRECTION
(release BI4.2)

Agenda

- How Web Intelligence fits in the SAP BI product strategy
- Top 5 use scenarios
- What's new in the latest releases and updates
- Planned innovations and future directions

Wrap-up

Wrap-Up

Some useful links :

1. Web Intelligence on SCN :
<http://scn.sap.com/community/businessobjects-web-intelligence>
2. Web Intelligence 4.1, where to start (official tutorials/videos) ?
<http://scn.sap.com/docs/DOC-7819>
3. Advanced Tips & Tricks to create great Web Intelligence documents :
<http://scn.sap.com/docs/DOC-50171>
4. Best Practices to Design a Web Intelligence document :
<http://scn.sap.com/docs/DOC-58571>
<http://scn.sap.com/docs/DOC-58532>



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Thank you