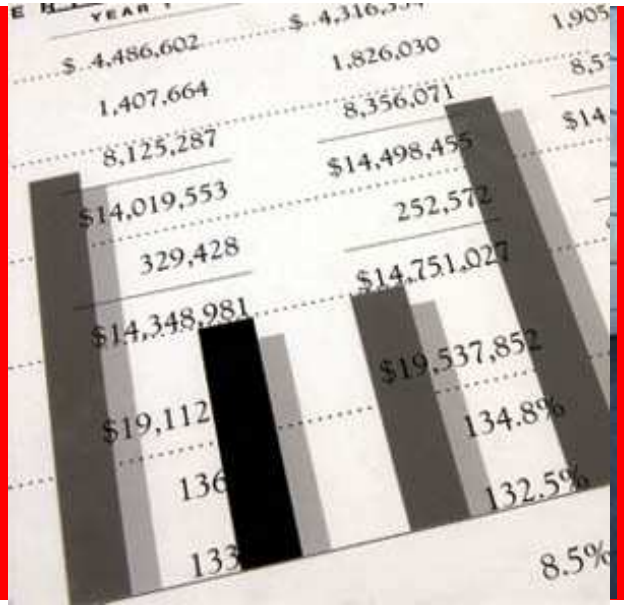
ORACLE®



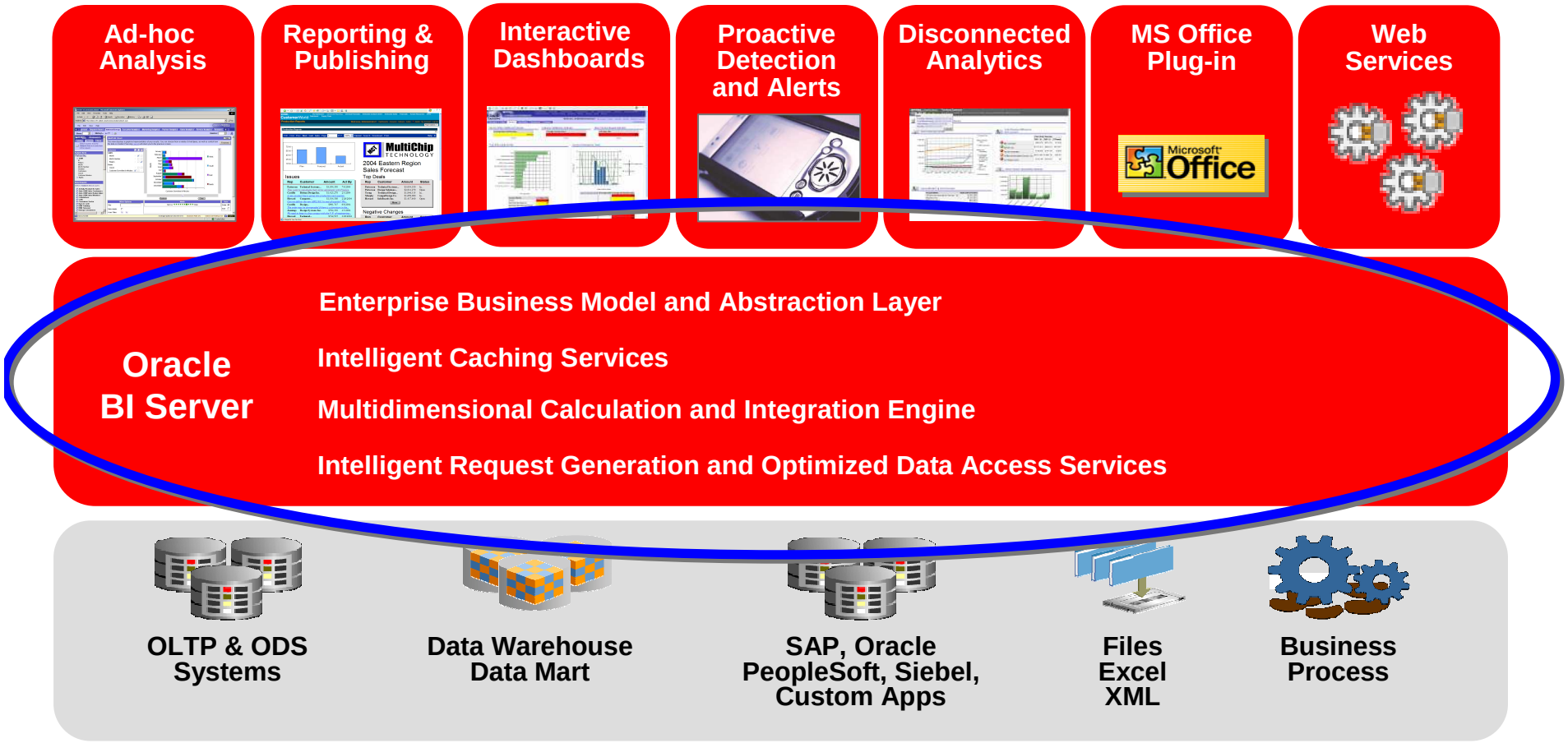
Oracle Business Intelligence Enterprise Edition

Андрей Пивоваров
Менеджер по технологическому консалтингу, Oracle CIS

Отличительные особенности Oracle BI EE

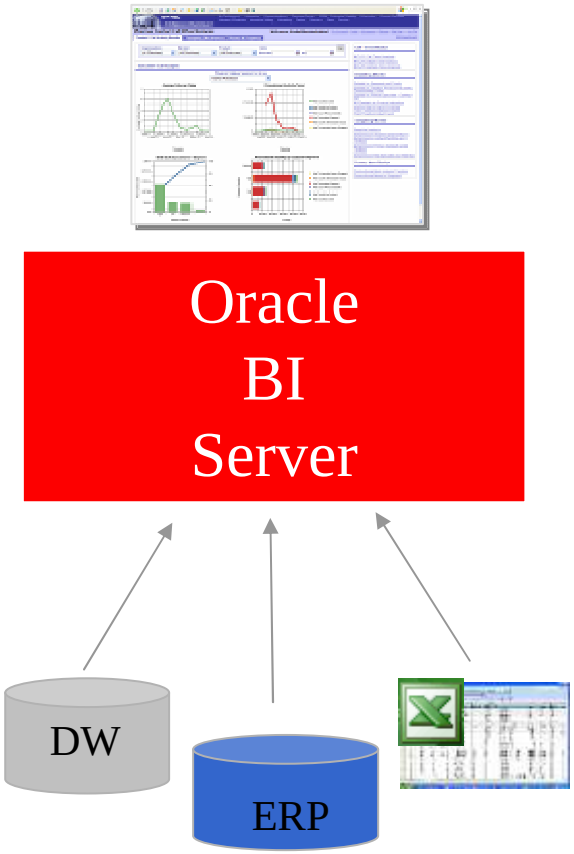
- Аналитика для всех
- Открытость
- Ориентация на гетерогенную ИТ-среду – одновременная работа в различными серверами баз данных
- Единая инструментальная среда, а не набор отдельных средств
- Единый репозитарий метаданных

Oracle BI Suite Enterprise Edition

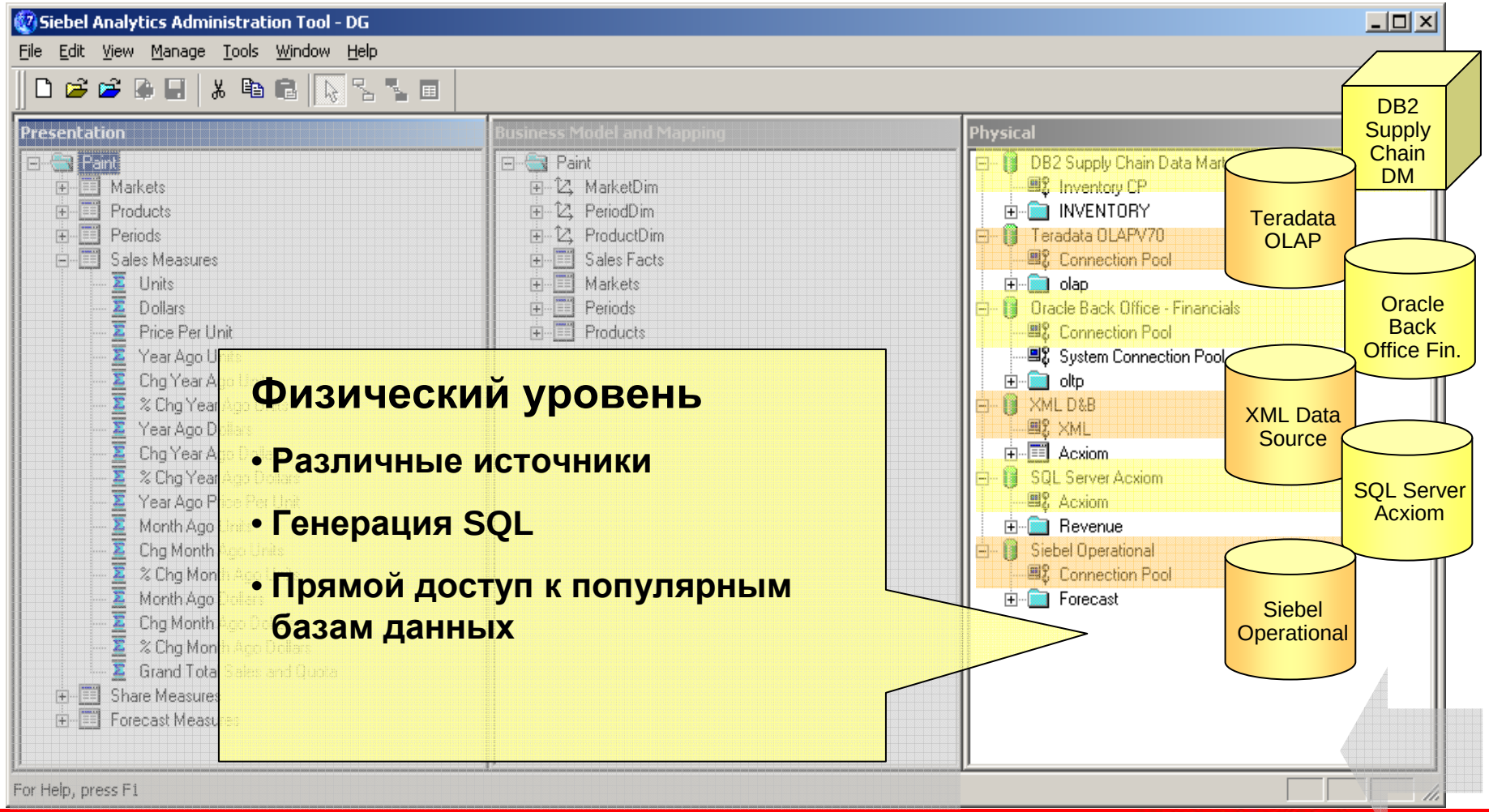


Аналитический сервер

- Выполнение сложных вычислений и аналитическая обработка
- Генерация запросов и оптимизация доступа к информационным источникам
- Доступ к любым хранилищам данных, информационным источникам и системам
  - Аналитические, оперативные, транзакционные, внешние
  - Реляционные, многомерные, файловые системы, XML, и др.
  - Прямой доступ к Oracle, DB2, MS SQL Server, MS SQL Server Analysis Services, Teradata
- Масштабируемость, надежность, защита, производительность
- Может использоваться инструментами анализа третьих фирм



Физический уровень: информационные источники



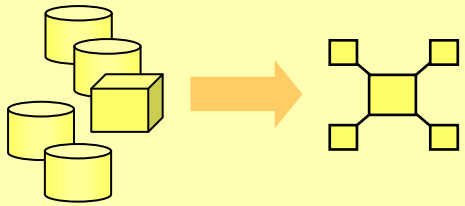
Физический уровень

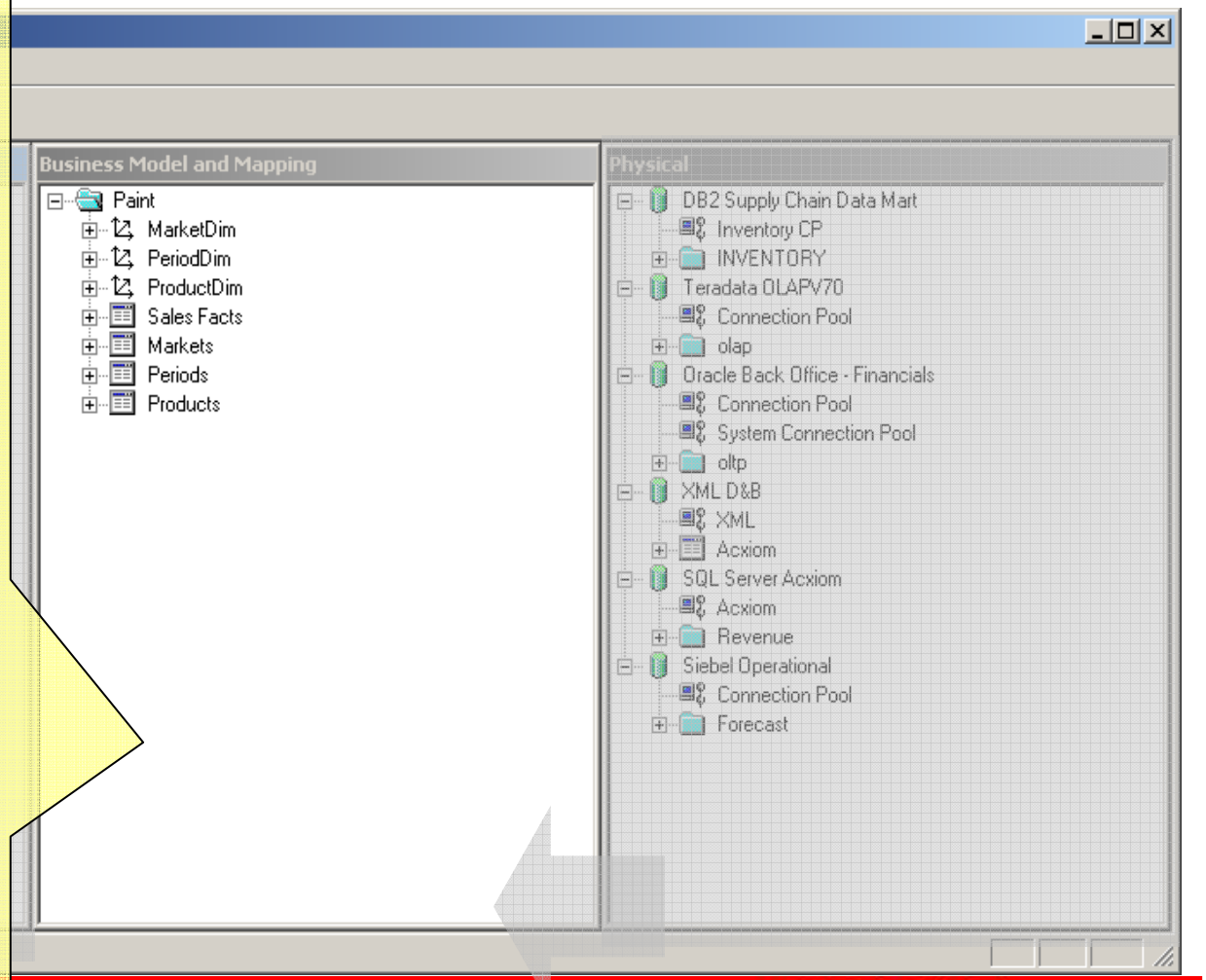
- Различные источники
- Генерация SQL
- Прямой доступ к популярным базам данных

Логическая модель: Единое описание всех данных

Логический уровень

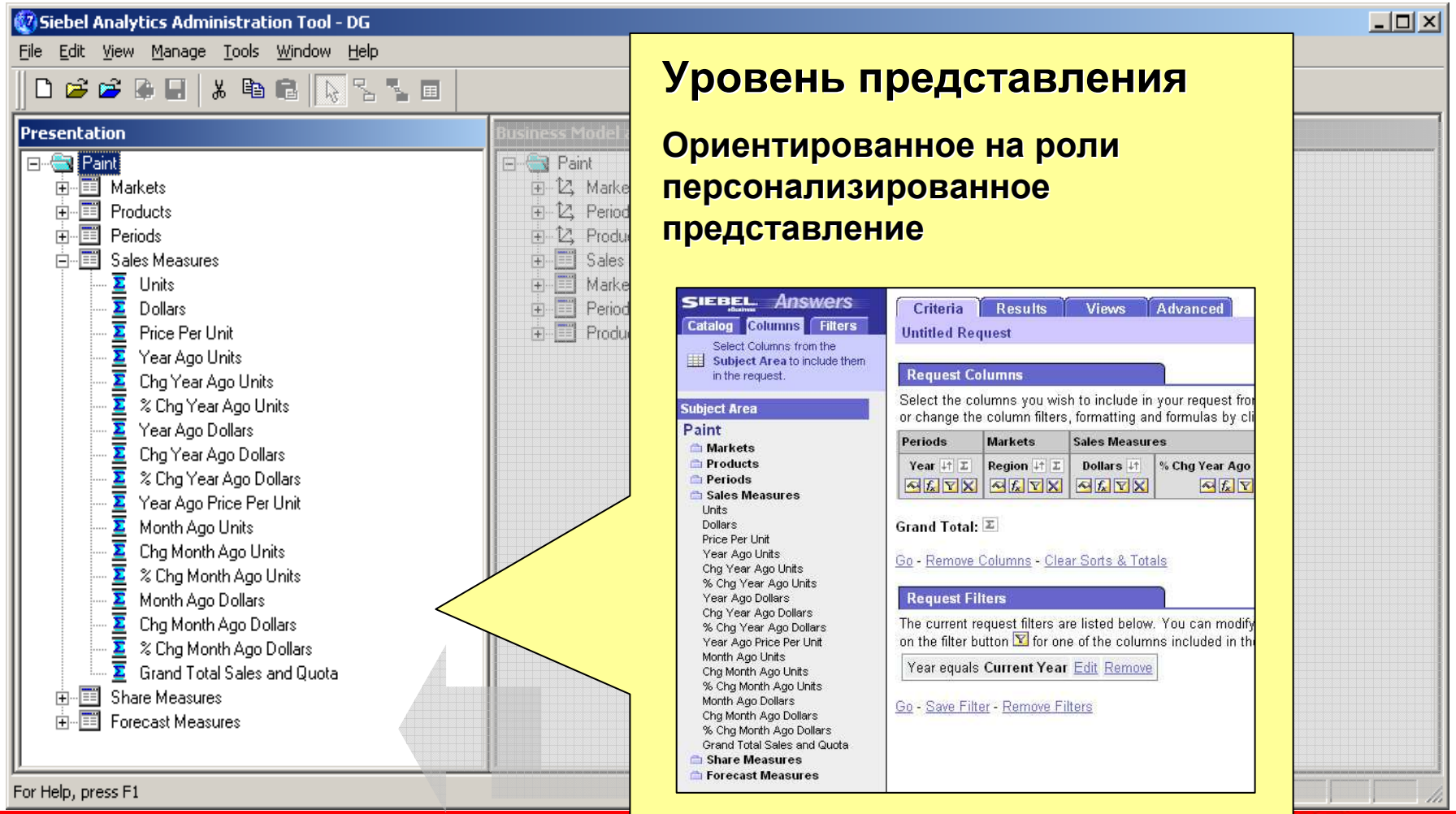
- Единое бизнес представление всех данных
- Отображение логических понятий в объекты баз данных
- Дополнительные объекты – показатели, иерархии, вычисления
- Схемы агрегирования





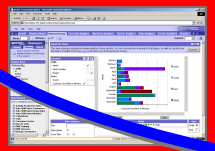
ORACLE

Презентационный уровень: персонализация, поддержка ролей



Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

Reporting & Publishing

Proactive Detection and Alerts

Disconnected Analytics

MS Office Plug-in

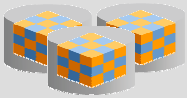
Microsoft Office

Web Services

Oracle BI Server

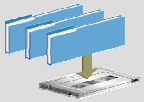
- Enterprise Business Model and Abstraction Layer
- Intelligent Caching Services
- Multidimensional Calculation and Integration Engine
- Intelligent Request Generation and Optimized Data Access Services

OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps

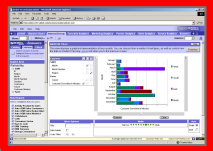


Files Excel XML

Business Process

Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

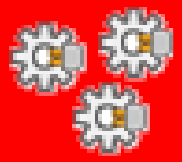
Reporting & Publishing

Proactive Detection and Alerts

Disconnected Analytics

MS Office Plug-in

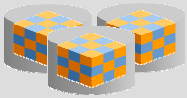
Web Services



Oracle BI Server

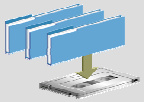
- Enterprise Business Model and Abstraction Layer
- Intelligent Caching Services
- Multidimensional Calculation and Integration Engine
- Intelligent Request Generation and Optimized Data Access Services

OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps

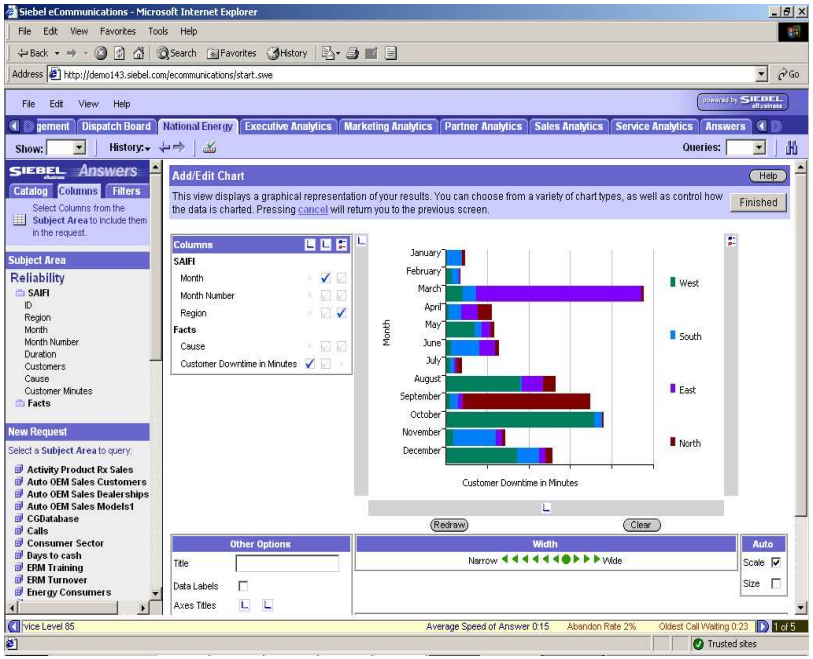


Files Excel XML

Business Process

Произвольные запросы и отчеты

- Answers
- Формирование произвольных запросов и отчетов
- Простой интуитивный интерфейс, “point&click”-технология
- Визуальные средства построения запросов в терминах предметной области
- Результаты легко встраиваются в аналитические панели и алерты



Интуитивный интерфейс
Форматирование
Таблицы, диаграммы

ORACLE Answers

Criteria | Results | Prompts | Advanced

Dashboards - Answers - More Products - Settings - Log Out

Pivot Table | Untitled Analysis

Show Controls | Chart Pivoted Results | Chart Position Right

Graph Vertical Bar | Type Default | Style Default

Paint

- Columns
  - Markets
    - Total US
    - Region
    - District
    - Market
  - Products
    - Total Product
    - Type
    - Brand
    - UPC
    - Color
    - Finish
    - Size X
  - Periods
    - Total Period
    - Year
    - Month
    - Week
    - Current Date
  - Sales Measures
    - Units
    - Dollars
    - Price Per Unit
    - Year Ago Units
    - Chg Year Ago Units
    - % Chg Year Ago Units
    - Year Ago Dollars
    - Chg Year Ago Dollars
    - % Chg Year Ago Dollars
    - Year Ago Price Per Unit
    - Month Ago Units
    - Chg Month Ago Units
    - % Chg Month Ago Units
    - Month Ago Dollars
    - Chg Month Ago Dollars
    - % Chg Month Ago Dollars
  - Share Measures
  - Forecast Measures
- Filters
  - Paint Demo

Refresh Display

Reload Server Metadata

Pages

Sections: Periods, Year

Columns: Measure Labels, Markets, Region

Rows: Products, Brand

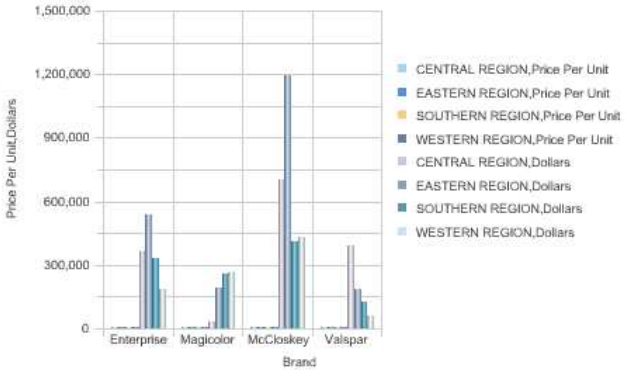
Measures: Sales Measures, Price Per Unit, Dollars

Excluded

Display Results

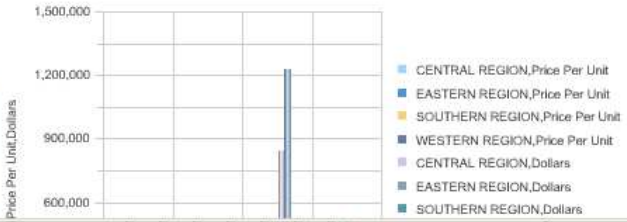
2000

Brand	Price Per Unit				Dollars			
	CENTRAL REGION	EASTERN REGION	SOUTHERN REGION	WESTERN REGION	CENTRAL REGION	EASTERN REGION	SOUTHERN REGION	WESTERN REGION
Enterprise	3	2	3	3	$362,539	$539,378	$333,633	$187,105
Magicolor	4	4	4	5	$35,553	$194,835	$260,175	$267,386
McCloskey	3	3	3	4	$705,190	$1,194,782	$410,797	$434,606
Valspar	3	3	4	3	$390,538	$184,738	$125,129	$62,699



2001

Brand	Price Per Unit				Dollars			
	CENTRAL REGION	EASTERN REGION	SOUTHERN REGION	WESTERN REGION	CENTRAL REGION	EASTERN REGION	SOUTHERN REGION	WESTERN REGION
Enterprise	3	3	3	3	$458,172	$393,608	$472,708	$211,587
Magicolor	5	4	4	4	$99,694	$254,995	$394,228	$191,016



Done | Local intranet | 100%

ORACLE Answers

Paint

- Columns
  - Markets
    - Total US
    - Region
    - District
    - Market
  - Products
    - Total Product
    - Type
    - Brand
    - UPC
    - Color
    - Finish
    - Size X
  - Periods
    - Total Period
    - Year
    - Month
    - Week
    - Current Date
  - Sales Measures
    - Units
    - Dollars
    - Price Per Unit
    - Year Ago Units
    - Chg Year Ago Units
    - % Chg Year Ago Units
    - Year Ago Dollars
    - Chg Year Ago Dollars
    - % Chg Year Ago Dollars
    - Year Ago Price Per Unit
    - Month Ago Units
    - Chg Month Ago Units
    - % Chg Month Ago Units
    - Month Ago Dollars
    - Chg Month Ago Dollars
    - % Chg Month Ago Dollars
  - Share Measures
  - Forecast Measures
- Filters
  - Paint Demo

Refresh Display

Reload Server Metadata

Criteria | Results | Prompts | Advanced

Dashboards - Answers - More Products - Settings - Log Out

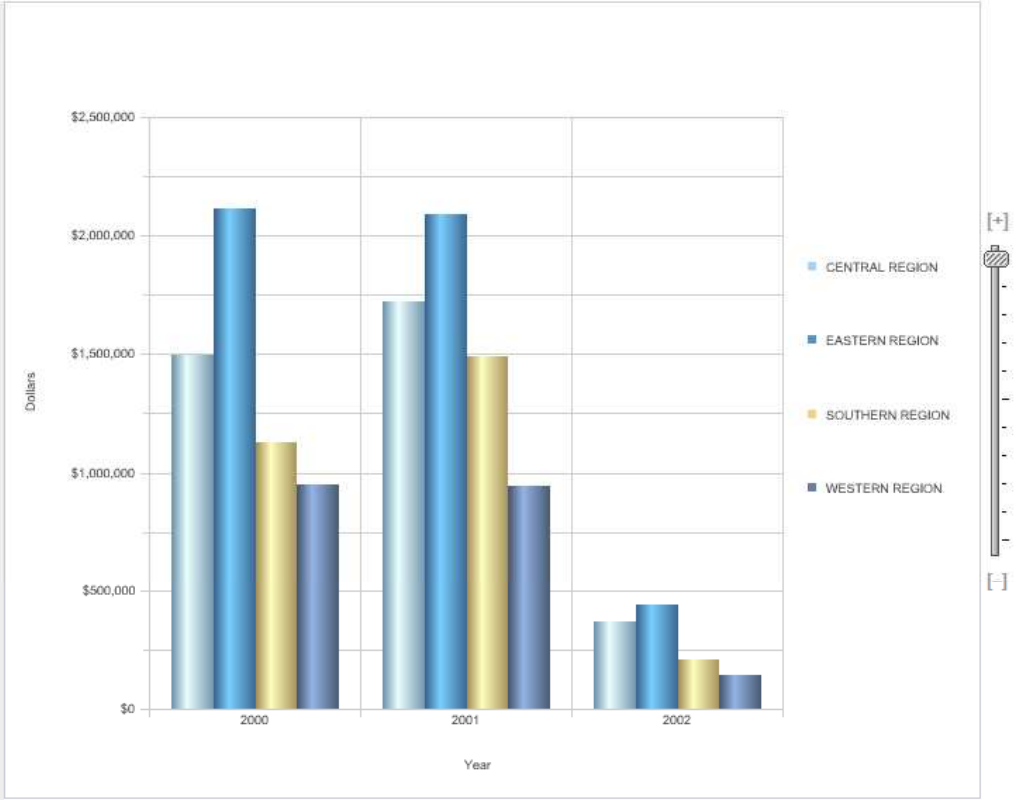
Chart

Untitled Analysis

Graph Vertical Bar Type Default Style Default

	L	L	
Measure Labels			
Measure Labels	☐	☐	☑
Periods			
Year	☑	☐	☐
Products			
Brand	☐	☐	☐
Markets			
Region	☐	☐	☑
Sales Measures			
Dollars	☐	☑	☐
Price Per Unit	☐	☐	☐

Redraw Clear



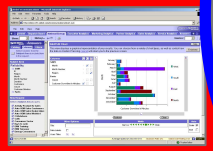
Done

Local intranet

100%

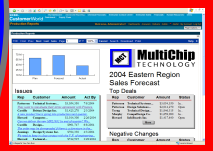
Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

Reporting & Publishing

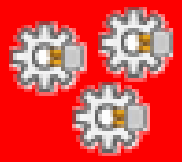


Proactive Detection and Alerts

Disconnected Analytics

MS Office Plug-in

Web Services



Oracle BI Server

- Enterprise Business Model and Abstraction Layer
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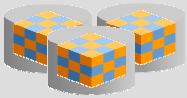
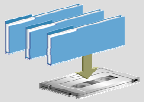
OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps



Files Excel XML

Business Process

Аналитические информационные панели

- Intelligence Dashboards
- Интерактивные, персонализированные представления
- Интуитивный удобный интерфейс
- Динамические представления данных
- Широкие возможности навигации, сценарии анализа (Guided Analytics)

Динамические
Реальное время
Полностью
интерактивные

ORACLE Interactive Dashboards My Dashboard Paint Dashboard

Paint Dashboard

Welcome, Administrator! Dashboards - Answers - More Products - Settings - Log Out

Regional Analysis | Brand Analysis | Year over Year Analysis Page Options

You have achieved **$1,154,530** in sales revenue YTD. This represents **83%** of the forecasted sales revenue target of **$1,382,867**. The current actual to forecasted revenue variance is **-$228,337**. **KEEP WORKING!**

Modify

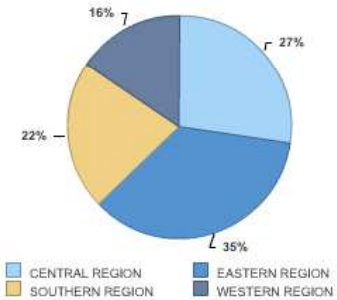
- Standard Reports
  - Calendar Sales Summaries
  - Geographic Sales Summaries
  - Product Sales Summaries
  - Revenue Analysis Summaries

XML

Market Share Summary

In-place Drilling

Dollars



Modify

Current Period Sales Analysis

Multi-Target Drill

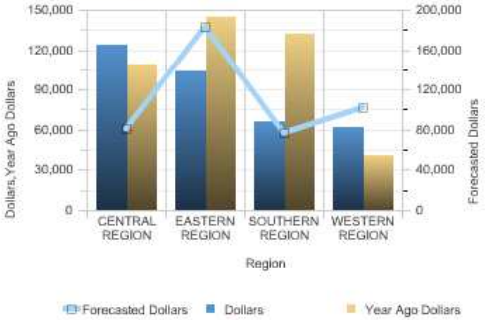
Region	Sales	Forecasted Sales	% of Forecast
CENTRAL REGION	$365,343	262,295	139%
EASTERN REGION	$436,913	543,169	80%
SOUTHERN REGION	$209,506	245,571	85%
WESTERN REGION	$142,768	331,832	43%
Grand Total	**$1,154,530**	**1,382,867**	**83%**

You are currently below forecast for the year. Research brand penetration within customer base

Brand Analysis

Regional Revenue

Current vs Prior Period



Modify

22.6% of total YTD Revenue.

YTD Market Share Analysis: **CHICAGO**, in the **CENTRAL REGION** has **$197,123** in sales YTD, which accounts for **17.1%** of total YTD Revenue.

YTD Market Share Analysis: **CLEVELAND**, in the **EASTERN REGION** has **$84,391** in sales YTD, which accounts for **7.3%** of total YTD Revenue.

YTD Market Share Analysis: **ATLANTA**, in the **SOUTHERN REGION** has **$74,545** in sales YTD, which

Modify

Colors by Region

Color Antique Doll

District	Units	Price Per Unit
ATLANTA DISTRICT	7,037	$3.55
BOSTON DISTRICT	27,433	$3.39
CHARLOTTE DISTRICT	327	$4.00
CHICAGO DISTRICT	93,560	$2.84
CINCINNATI DISTRICT	4,995	$3.49
DALLAS DISTRICT	5,112	$4.27
DENVER DISTRICT	2,746	$4.39
DETROIT DISTRICT	3,492	$4.12
JACKSONVILLE DISTRICT	1,435	$3.92
KANSAS CITY DISTRICT	1,970	$3.65
LOS ANGELES DISTRICT	8,839	$3.12
MEMPHIS DISTRICT	920	$3.75
MINNEAPOLIS DISTRICT	117	$3.73
PHILADELPHIA DISTRICT	6,153	$3.51
PORTLAND DISTRICT	5	$5.40
YOUNGSTOWN DISTRICT	18,905	$3.28

Modify

powered by ORACLE

Local intranet 100%

ORACLE Interactive Dashboards My Dashboard Paint Dashboard

Paint Dashboard

Welcome, Administrator! Dashboards - Answers - More Products - Settings - Log Out

Regional Analysis | Brand Analysis | Year over Year Analysis Page Options

Year: 2002 Region: District: Brand: Go

Finish Summary

Date run: 3/6/2007

Year is equal to **2002**

Products	Sales Measures	
Finish	Units	Share
Flat	132,925	42.1%
Gloss	130,676	41.4%
Primer	50,520	16.0%
Satin	1,896	0.6%
Grand Total	**316,017**	**100.0%**

Modify

Color Summary for Current Year

Click Headings to Sort

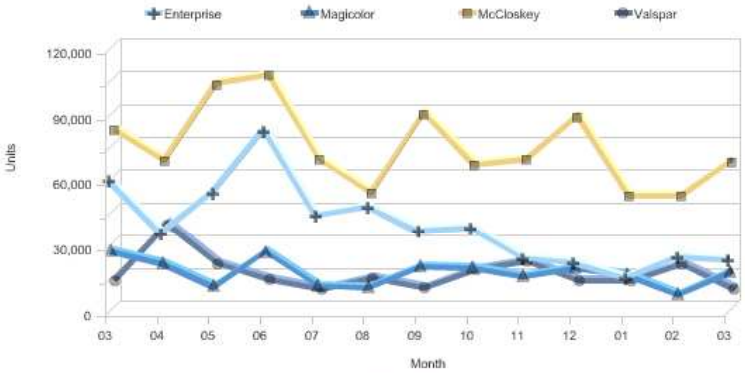
Year is equal to **2002**

Color	Units	Dollars
Antique Doll	19,680	$69,450
Armory	5,368	$10,578
Black	40,856	$160,144
Brierwood	9,629	$11,390
Burgundy	3,036	$14,194
Carriage House Red	3,607	$33,163
Cherry Red	21,641	$84,698
Clear	2,059	$7,039
Cloud White	6,475	$15,416
Cobblestone	6,274	$22,795
Colonial Blue	5,434	$67,631
Dante	571	$3,671
Driftwood	704	$5,845
Embers	4,680	$35,007
Flint	4,686	$13,521
Gossamer	2,886	$12,789
Gray	5,583	$11,723
Hunter Green	3,553	$7,282
Light Gray	5,207	$7,067
Manchester Red	2,698	$18,393
Midnight Black	3,520	$20,220
Oxford Brown	7,651	$60,077

Sales by Brand (Rolling 12 Months)

Date run: 3/6/2007

Month is between **3/1/2001 12:00:00 AM** and **3/1/2002 12:00:00 AM**



Modify - Print - Download

Finish Sales Trend for Current Year

Date run: 3/6/2007

Year is equal to **2002**

Finish	Units	Year Ago Units	Chg Year Ago Units	% Chg Year Ago Units	Dollars	Year Ago Dollars	Chg Year Ago Dollars	% Chg Year Ago Dollars
Flat	132,925	115353	17,572	15%	$534,191	451,982	82,209	18%
Gloss	130,676	237400	(106,724)	(45%)	$488,049	797,253	(309,204)	(39%)
Primer	50,520	75335	(24,815)	(33%)	$125,449	171,767	(46,318)	(27%)
Satin	1,896	15309	(13,413)	(88%)	$6,841	54,835	(47,994)	(88%)
Grand Total	**316,017**	**443397**	**(127,380)**	**(28%)**	**$1,154,530**	**1,475,837**	**(321,307)**	**(22%)**

Modify - Download

Local intranet 100%

Siebel Intelligence Dashboards - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://apivovar-ru:8888/analytics/saw.dll?Dashboard&PortalPath=/users/ADMINISTRATOR/_Portal&Page=Embedded%20Mapviewer

Getting Started | Latest Headlines | Geo Tag - an Oracle Sp... | Про Oracle Business In... | Analyze :: Live Feed Hits | Request a Reference | Yahoo! Site Explorer | BI EE Knowledge Area ...

ORACLE BUSINESS INTELLIGENCE — Intelligence Dashboards | My Dashboard | Consumer Dashboard | Contact Center Dashboard | Marketing Dashboard | Sales Dashboard | Service Dashboard

My Dashboard — Welcome, Administrator! Dashboards - Answers - Advanced Reports - Delivers - Admin - My Account - Log Out

Usage Monitor | Most Popular Analyses | Usage Trend | Dependency Analysis | Dependencies | Embedded Mapviewer | BI EE & Spatial Integration | Alerts | Page Options

Oracle Maps example - show/hide Theme Based FOI layers

☐ Show Customer layer ☐ Show County population layer ☐ Show Cities

Instructions

Done

Siebel Intelligence Dashboards - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://apivovar-ru:8888/analytics/saw.dll?Dashboard&PortalPath=/users/ADMINISTRATOR/_Portal&Page=Embedded%20Mapviewer

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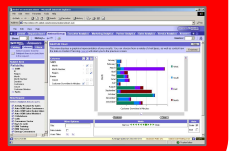
Instructions

Done

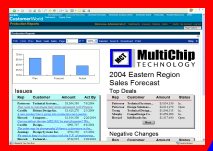
Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

Reporting & Publishing



Proactive Detection and Alerts

Disconnected Analytics

MS Office Plug-in

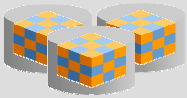
Microsoft Office

Web Services

Oracle BI Server

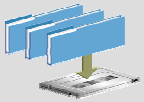
- Enterprise Business Model and Abstraction Layer
- Intelligent Caching Services
- Multidimensional Calculation and Integration Engine
- Intelligent Request Generation and Optimized Data Access Services

OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps

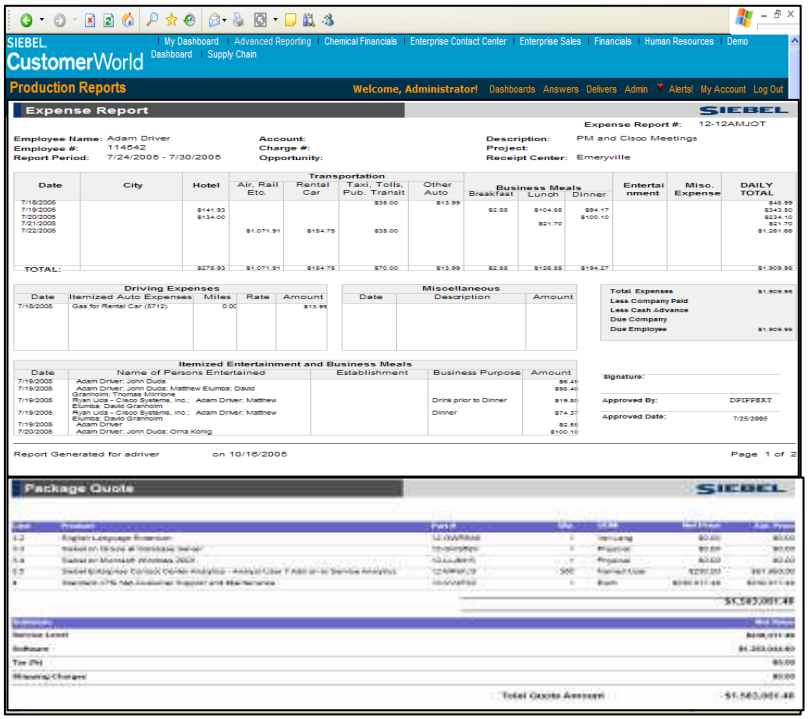


Files Excel XML

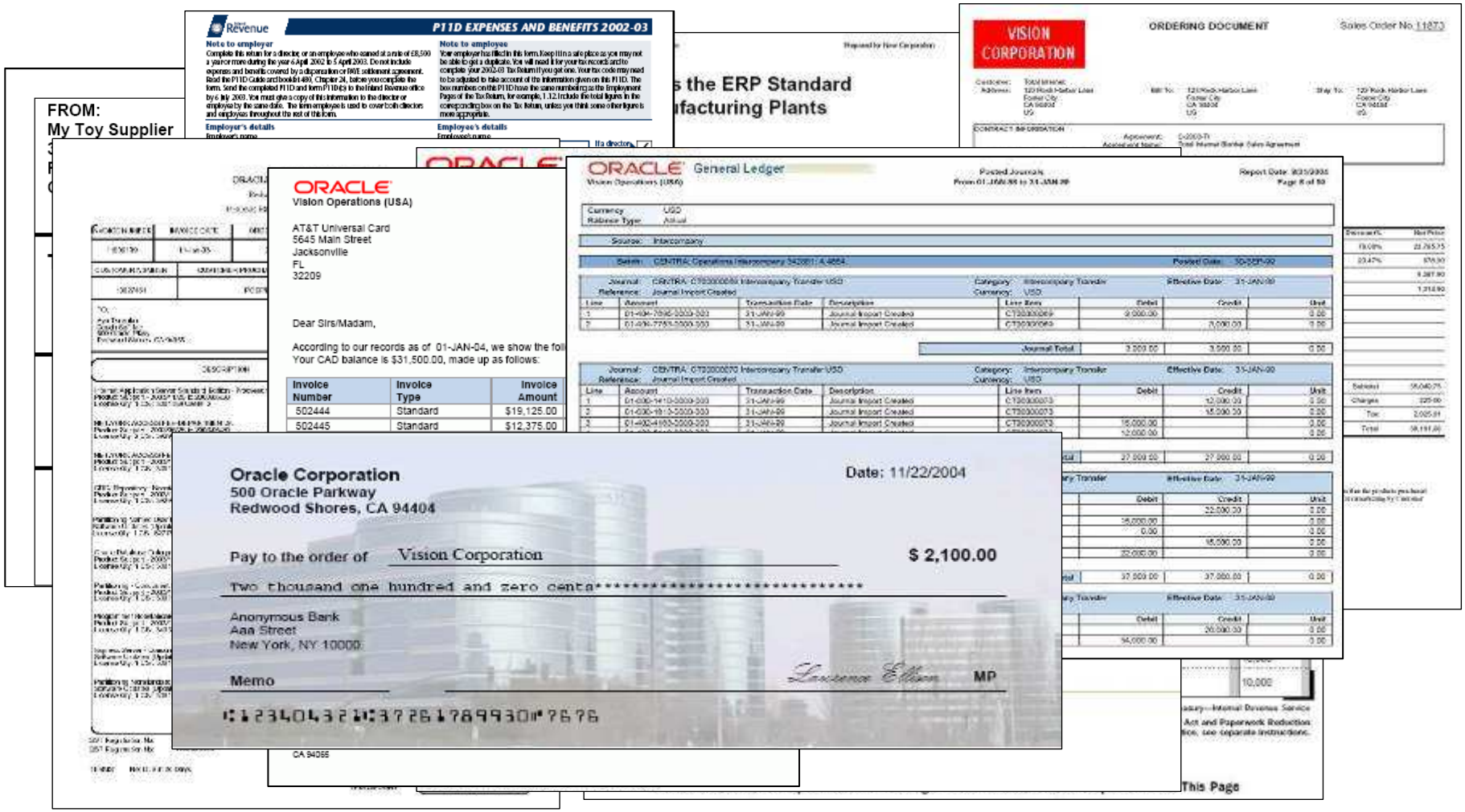
Business Process

Регламентированная отчетность

- Корпоративная отчетность
- Подписка, расписания
- Высокое качество отображения
- Печать в любых форматах



“Pixel-Perfect” Reporting



Adobe Reader - [Paint%20Demo[1].pdf]

File Edit View Document Tools Window Help

Save a Copy Search Select 100% Help Search Web Upgrade to Acrobat. Click Here

Pages

ORACLE

500 Oracle Parkway
Redwood Shores, CA 94065
USA

Detailed Revenue Report

Year 2000 Revenue

The total revenue for year 2000 is 5 689 083,00.

Product Category COATINGS

The total revenue for the product category COATINGS is 5 689 083,00.

Enterprise

The total revenue for the brand Enterprise is 1 422 655,00.

Region	District	Revenue (USD)
EASTERN REGION	BOSTON DISTRICT	386 272,00
CENTRAL REGION	CHICAGO DISTRICT	205 289,00
SOUTHERN REGION	JACKSONVILLE DISTRICT	139 130,00
SOUTHERN REGION	ATLANTA DISTRICT	120 112,00
EASTERN REGION	PHILADELPHIA DISTRICT	90 355,00
WESTERN REGION	LOS ANGELES DISTRICT	76 009,00
CENTRAL REGION	DETROIT DISTRICT	73 035,00
SOUTHERN REGION	DALLAS DISTRICT	68 020,00
WESTERN REGION	DENVER DISTRICT	62 099,00
CENTRAL REGION	CINCINNATI DISTRICT	59 906,00
EASTERN REGION	YOUNGSTOWN DISTRICT	56 460,00
WESTERN REGION	PORTLAND DISTRICT	45 709,00
CENTRAL REGION	KANSAS CITY DISTRICT	15 412,00
CENTRAL REGION	MINNEAPOLIS DISTRICT	8 897,00
EASTERN REGION	NEW YORK DISTRICT	6 291,00
SOUTHERN REGION	MEMPHIS DISTRICT	5 221,00
WESTERN REGION	SAN FRANCISCO DISTRICT	3 288,00
SOUTHERN REGION	CHARLOTTE DISTRICT	1 150,00
	Total	1 422 655,00

Magicolor

The total revenue for the brand Magicolor is 757 949,00.

Region	District	Revenue (USD)
WESTERN REGION	LOS ANGELES DISTRICT	162 443,00
EASTERN REGION	BOSTON DISTRICT	148 934,00

Attachments

Comments

1 of 7

Paint%20Demo[1].rtf - Microsoft Word

Файл Правка Вид Вставка Формат Сервис Таблица Окно Справка

Quarterly Revenue

Revenue Overview

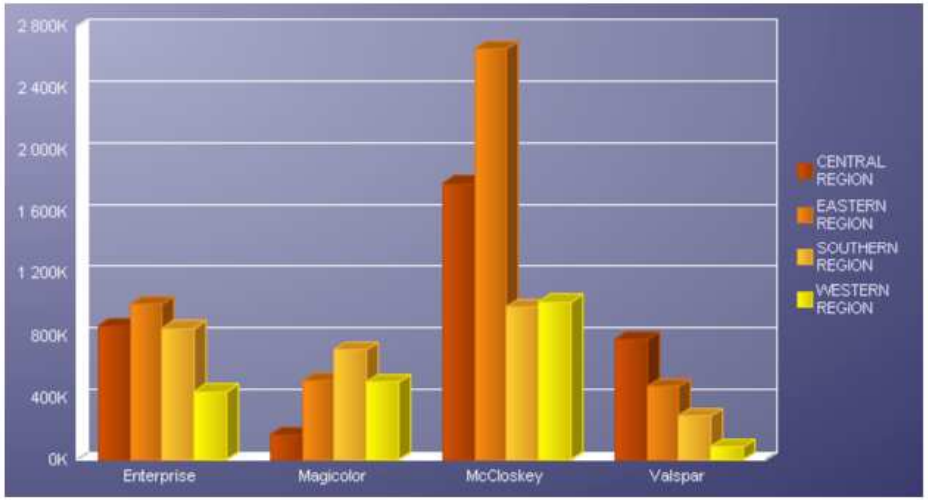
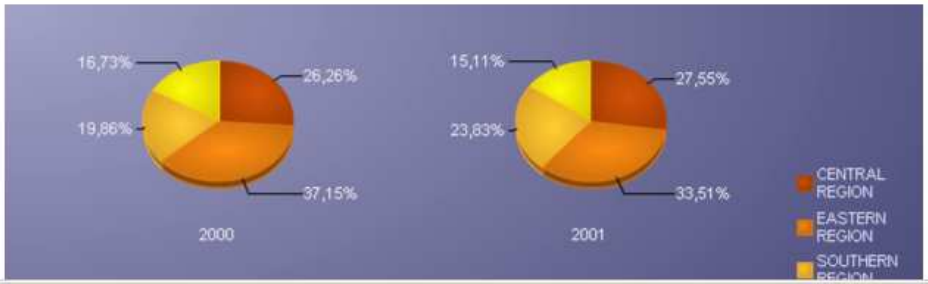


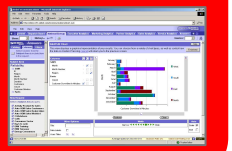
Figure 1: Brand Sales by Region



Стр. 1 Разд 1 1/3 На Ст Кол ЗАП ИСПР ВДЛ ЗАМ русский (Ро

Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

Reporting & Publishing

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Microsoft Office

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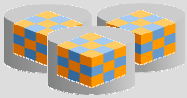
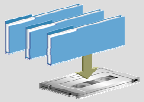
OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps



Files Excel XML

Business Process

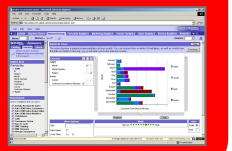
Уведомления и алерты

- Проактивное оповещение о бизнес-ситуации в реальном масштабе времени на различные устройства
- Постоянный мониторинг и анализ по всем операционным и аналитическим источникам
- Рассылка по расписанию и на основе событий
- Поддержка широкого спектра устройств – почта, мобильные телефоны, пейджеры
- Intelligence Bots (“iBots”)

Проактивное оповещение
Реальный масштаб времени
Все виды устройств

Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



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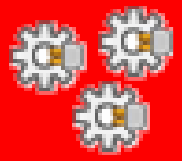

Oracle BI Server

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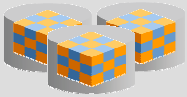
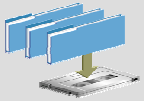
OLTP & ODS Systems



Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps



Files Excel XML

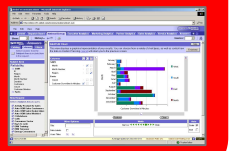
Business Process

Аналитика в режиме офлайн

- Возможность анализа данных в режиме офлайн (без связи с сервером)
- Полный спектр функциональных возможностей – аналитические панели, произвольные запросы, все виды представлений и др.
- Интерфейс пользователя тот же, что и в режиме онлайн
- Создание локальных наборов данных
  - Полная и инкрементальная синхронизация с информационным источником
  - Сжатие данных при синхронизации
- Персонализация данных, ограничение доступа на основе ролей

Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



Interactive Dashboards

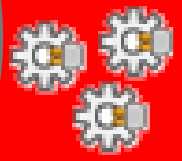
Reporting & Publishing

Proactive Detection and Alerts

Disconnected Analytics

MS Office Plug-in

Web Services



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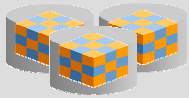

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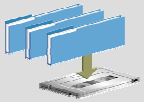
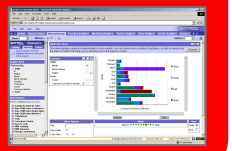


Files Excel XML

Business Process

Oracle BI Suite Enterprise Edition

Ad-hoc Analysis



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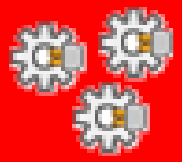

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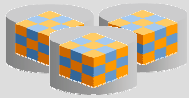

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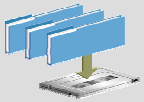


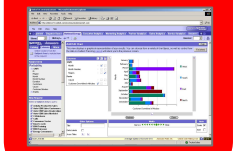
Files Excel XML

Business Process

Oracle BI Suite Enterprise Edition

Interactive Dashboards

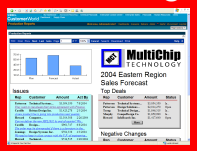
Ad hoc Analysis



Proactive Detection and Alerts

Microsoft Office

Reporting & Publishing



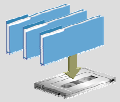
Common Enterprise Information Model

Oracle BI Server

OLTP & ODS Systems

Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps



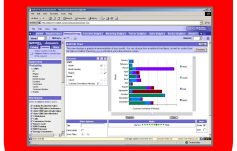
Files Excel XML

Business Process

Oracle BI Suite Enterprise Edition Plus

Interactive Dashboards

Ad hoc Analysis



Proactive Detection and Alerts

Microsoft Office

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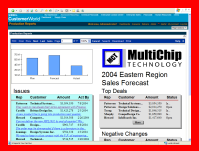


- BI Publisher
- Financial Reporting
- Interactive Reporting
- SQR Production Reporting
- Web Analysis

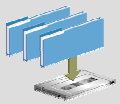
Common Enterprise Information Model

Oracle BI Server

OLTP & ODS Systems

Data Warehouse Data Mart

SAP, Oracle PeopleSoft, Siebel, Custom Apps



Files Excel XML

Business Process

Financial Performance Management Applications

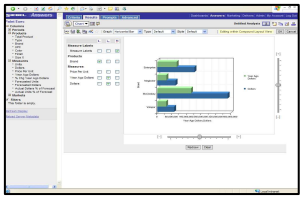
Hyperion Essbase

Hyperion компоненты

Hyperion Financial Reporting

- Поддержка XBRL
- Asymmetrical Reports
- Management Report & Books

Hyperion SmartView for Office

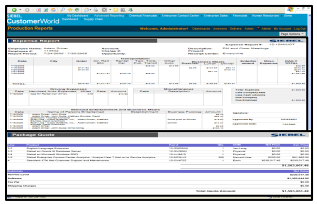


- Excel, PowerPoint, Word и Outlook
- Интеграция с FPM Applications
- Offline Planning

Hyperion Web Analysis

- Ad hoc Multidimensional Analysis
- Интеграция с FPM Applications
- Financial Dashboards

Hyperion Interactive Reporting & SQR



- Direct to Source Query & Reporting
- Высокопроизводительный Reporting

Project Avalanche

Project Avalanche

Hyperion

File View Favorites Tools Help

Viewer

Navigate

Viewer

Desktop

Metrics

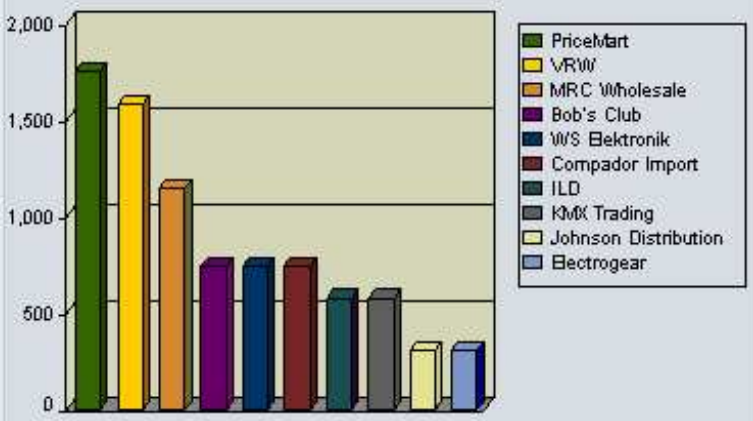
Scorecards

Customer Trend

/Performance/Customer Trends

Performance Customer Detail Operational Sales

Top VCR Unit Sales - June



Additional Analysis

- Eden Financial Reports
- Eden Defined Analytics
- Eden Excel Analysis
- BI Server Summary
- Interactive Scorecard and Strategy
- Variance Report
- Product Sales
- Regional Analysis
- Sales By Region
- Cost of Goods Sold
- Income Statement

Exceptions

Eden Product Sales

Customer Satisfaction

Inventory Levels

Customer Metrics

Top Customer Sales - June

Customer	Amount	Units
CostPlus Club	$1,041,444	1,444
MRC Wholesale	$836,192	1,152
Island Distribution	$497,959	1,015
Meares	$472,829	1,301
Johnson Distribution	$472,826	1,298
AK Trading	$450,691	1,155
Herman WS	$442,229	1,301
PriceMart	$438,294	1,734
QSDW	$426,818	866
TechnoDistrib	$420,290	1,154
PriceMart	$420,290	1,154

Project Avalanche

Project Avalanche

Hyperion

File View Favorites Tools Help

Viewer

Information

Eden: Regional

Scenario: Variance

Outline: Income Statement

EDEN

Income Statement for May and YTD (May)

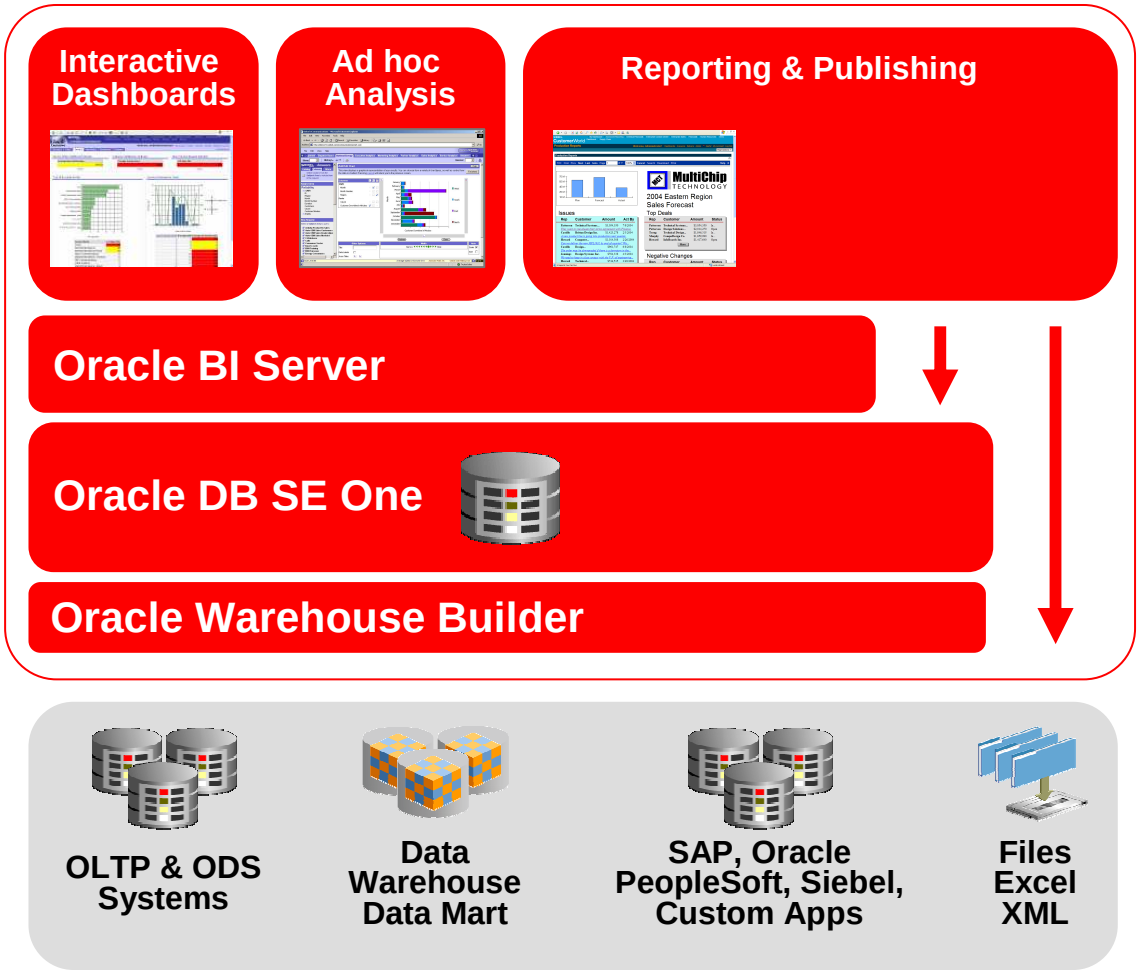
May				Y-T-D (May)		
Actual	Active Fcst	Var%		Actual	Active Fcst	Var%
191,305	(11,314)	(5.8%)	Gross Sales Revenue	961,856	(47,547)	(4.7%)
11,479	713	5.8%	Sales Returns	57,762	2,853	4.7%
179,846	(11,171)	(5.8%)	Net Sales Revenue	903,597	(44,694)	(4.7%)
8,005	487	4.8%	Direct Labor Cost	48,211	1,512	3.1%
5,635	414	5.8%	Indirect Labor Cost	32,912	2,105	5.9%
13,640	912	5.2%	Variable Labor Cost	82,129	3,618	4.6%
34,777	2,302	6.2%	Material Cost	174,884	8,684	4.9%
6,851	482	6.6%	Product Overhead Cost	34,358	1,702	5.0%
3,953	233	6.0%	Warranty Cost	18,274	1,008	5.2%
3,881	205	5.2%	Other Variable Cost	15,458	852	5.2%
65,193	4,181	6.4%	Variable Cost	326,755	10,806	4.9%
114,652	(6,233)	(5.7%)	Variable Profit	577,758	(27,660)	(4.6%)
9,909	575	5.8%	Engineering	48,810	2,403	4.7%
18,182	1,123	5.8%	Marketing	91,354	4,519	4.7%
6,450	401	5.8%	G&A	32,455	1,605	4.7%
4,334	253	5.8%	Depreciation	21,788	1,077	4.7%
1,403	(110)	(7.4%)	ProdSpecSP	7,257	(366)	(4.9%)
1,511	(18)	(1.7%)	CustSpecSP	7,450	(282)	(3.6%)
1,384	(62)	(4.3%)	NewSpecSP	6,856	(359)	(5.0%)
4,804	193	4.4%	Salary Overall	21,648	1,008	4.5%
5,779	352	5.8%	Other Fixed Cost	28,192	1,421	5.1%
48,906	2,963	5.7%	Fixed Expenses	246,334	12,051	4.7%
[illegible]	[illegible]	[illegible]	Profit Before EBIT	[illegible]	[illegible]	[illegible]

Company Sales

Income Statem...

Аналитическая платформа для SMB

New Oracle BI Suite Standard Edition One



- Полное решение для создания аналитической системы
- Преднастроенное
- Простая единая установка пакета
- $1000/NUP

Лицензирование

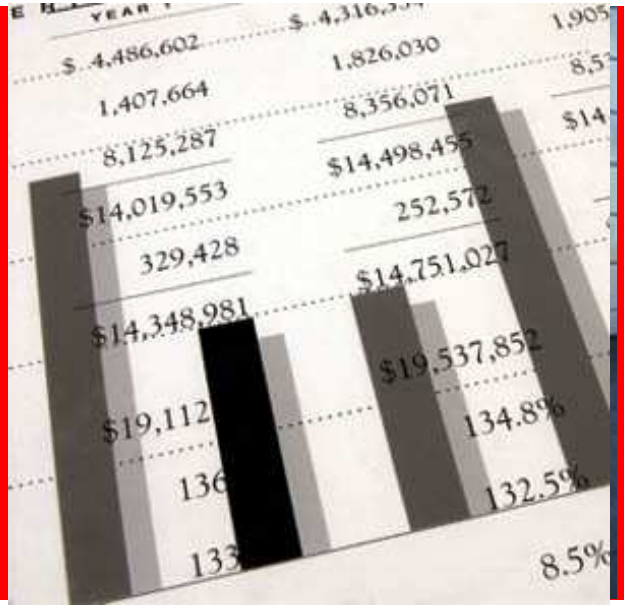
Oracle Business Intelligence	Named User Plus	Processor License
Suite Enterprise Edition Plus (min 50 NU)	1 700	255 000
Server Enterprise Edition	300	45 000
Business Intelligence Server Enterprise Edition Options:		
Interactive Dashboard	500	75 000
Delivers	300	45 000
Answers	500	75 000
Office Plug-in	200	30 000
Reporting and Publishing	400	60 000
Data Integrator	400	60 000
Disconnected Analytics	500	
Server Administrator	5 000	
Business Intelligence Suite Enterprise Edition Plus Options:		
Data Integrator	400	60 000

Лицензирование

Oracle Business Intelligence	Named User Plus	Processor License
Standard Edition	400	20 000
Standard Edition One (min 5 NU)	1000	
Hyperion Business Intelligence Technology		
Hyperion Essbase - System 9	2500	160 000
Hyperion Essbase - System 9 Option:		
Hyperion Essbase Visual Explorer	700	75 000
Hyperion Interactive Reporting - System 9	700	60 000
Hyperion SQR Production Reporting - System 9	400	20 000
Hyperion Financial Reporting - System 9	450	35 000
Hyperion Web Analysis - System 9	450	35 000

Лицензирование

Oracle Business Intelligence	Включает в себя
Suite Enterprise Edition Plus	Business Intelligence Server Enterprise Edition, Answers, Interactive Dashboard, Reporting and Publishing, Delivers, Office Plug-in, Business Intelligence Publisher and 1 Named User Plus license of Server Administrator, Hyperion Interactive Reporting - System 9, Hyperion SQR Production Reporting - System 9, Hyperion Financial Reporting - System 9, Hyperion Web Analysis - System 9.
Business Intelligence Standard Edition One	Database SE One (incl. Oracle Warehouse Builder core ETL), Oracle BI Server EE, Oracle Answers, Oracle Dashboards, Oracle BI Server Administrator, Oracle Business Intelligence Publisher.



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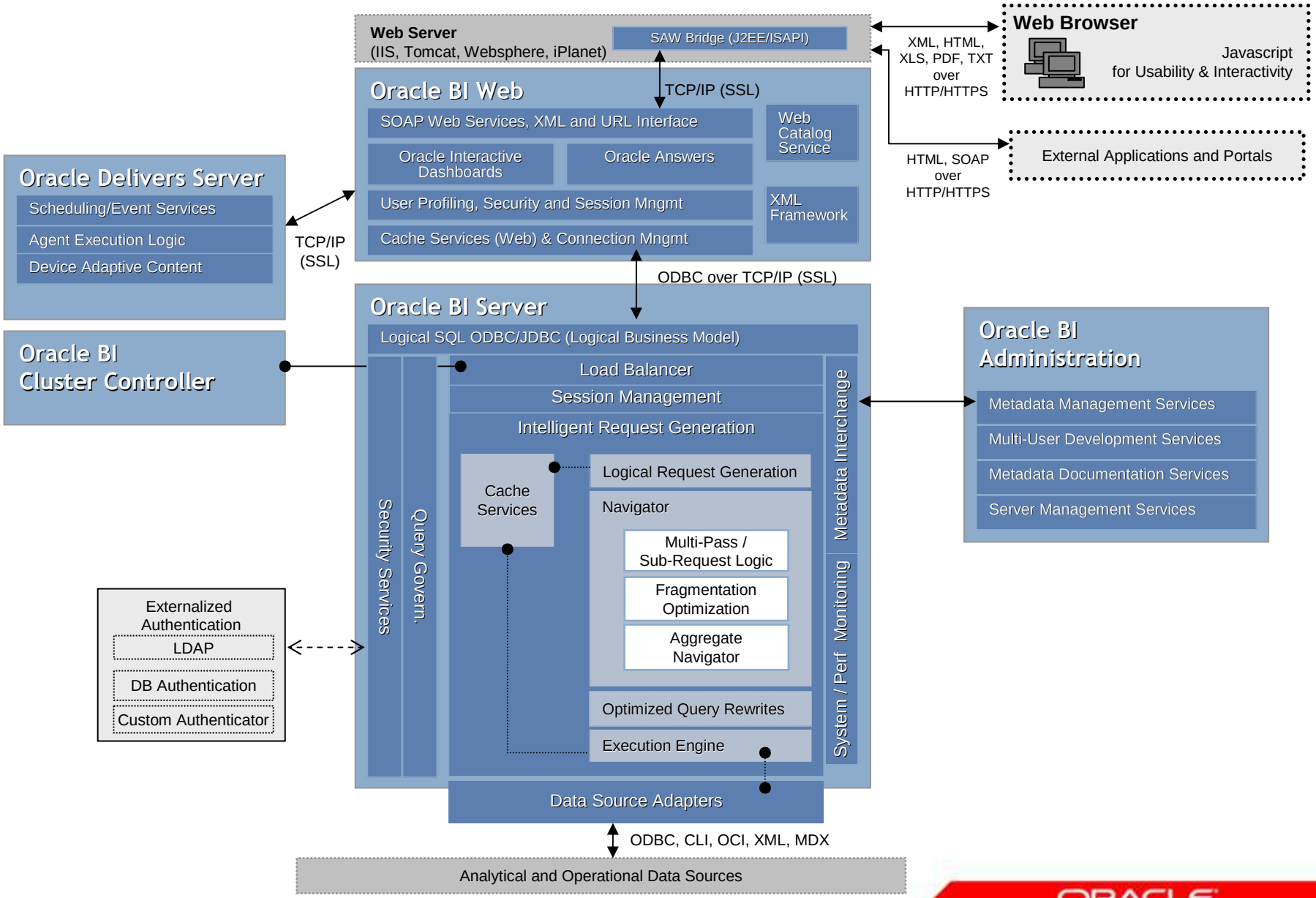
Дополнительные возможности Oracle BI EE

Oracle BI Server



Множество источников для одного объекта

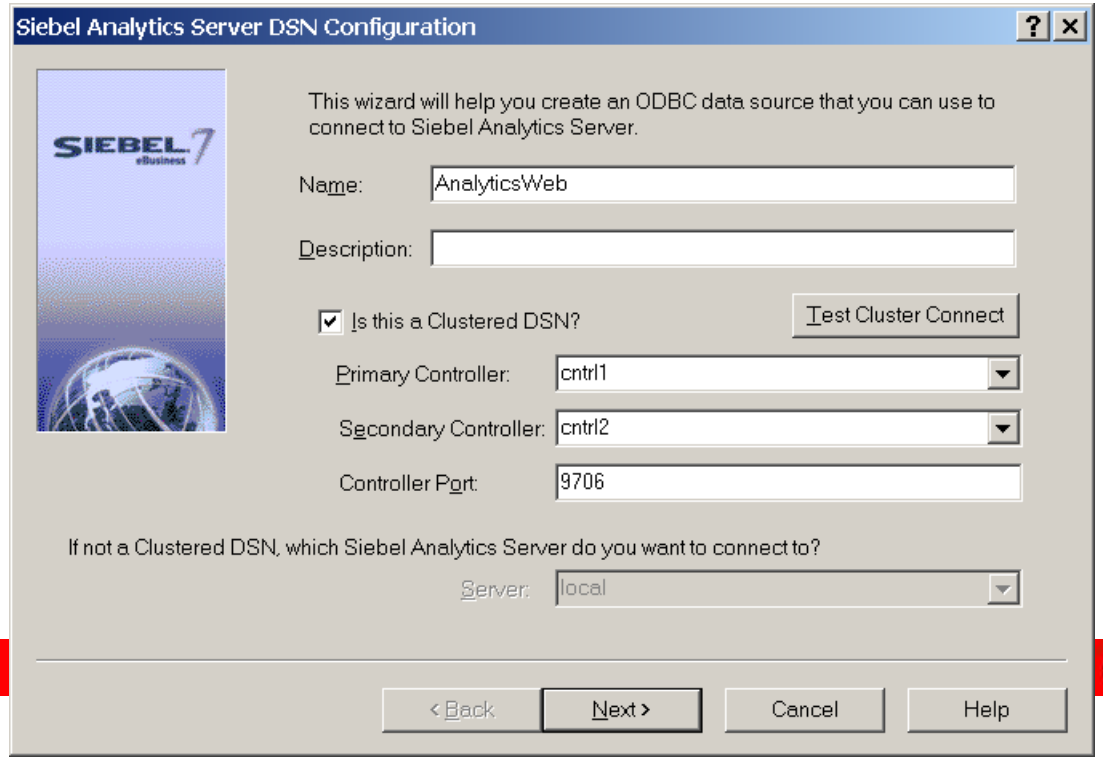
- Возможность совмещать в отчете данные полученные из разных источников (DWH и OLTP)
- Описание правил извлечения данных из источников
- Возможность совмещать данные полученные из источников на разных платформах
- Возможность хранить агрегаты для источников, не поддерживающих агрегацию

Кеширование

- Любая таблица может быть объявлена как кешируемая
- Регламент очистки кеша
- ODBC процедуры для принудительной очистки кеша
- Очистка кеша по таблице событий

Кластеризация BI Server

- Поддержка до 16 аналитических серверов
- Синхронизация репозиториев
- 2 контроллера кластера
- Кластеризация презентационных серверов и репликация веб каталогов



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Многопользовательская разработка

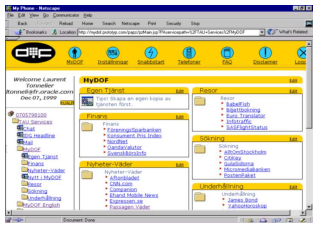
- Одновременная работа с одним репозиторием многих пользователей
- Возможность разрабатывать репозиторий в многопользовательском режиме раздельно с последующим слиянием разработок

Глобализация данных и метаданных

- Возможность видеть элементы интерфейса на родном языке пользователя
- Возможность перевода элементов метаданных на другие языки
- Возможность перевода данных на язык пользователя

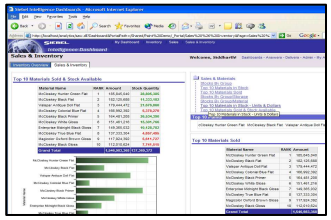
Использование отчетных средств третьих фирм

Порталы



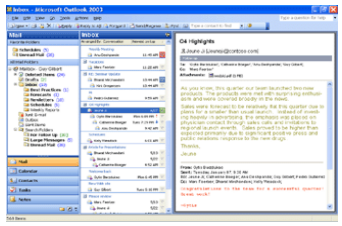
Any JSR 168
Portal

Запросы



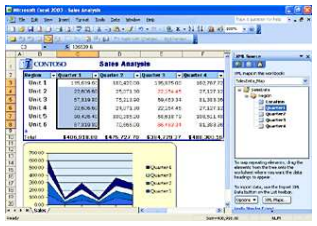
BOBJ, COGN
MSTR

Отчеты



Actuate, Oracle
Apache FOS

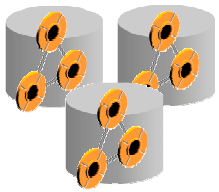
MS Office



Excel, Outlook,
Lotus Notes

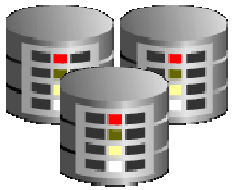
Analytic Server

Безопасность



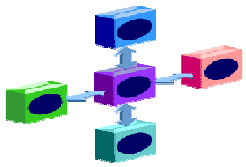
Oracle
MSFT AD
iPlanet
Novell
и другие ..

Доступ к данным



Oracle
DB2
MS SQL
Teradata
SQL Anywhere
XML, Excel
и другие ..

ETL



Oracle
Informatica
Ascential
Sunopsis
и другие ..

Другие возможности

- Использование пула сессий
- Возможность указать в качестве источника XML и XSLT
- Переменные
- Web-Services
- Использование JavaScript для управления содержимым
- Поддержка RSS
- Поддержка LDAP
- Интеграция с JSR-168 порталами

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