ORACLE®

ORACLE®

Convert Oracle Reports, Crystal and Actuate to Oracle BI Publisher

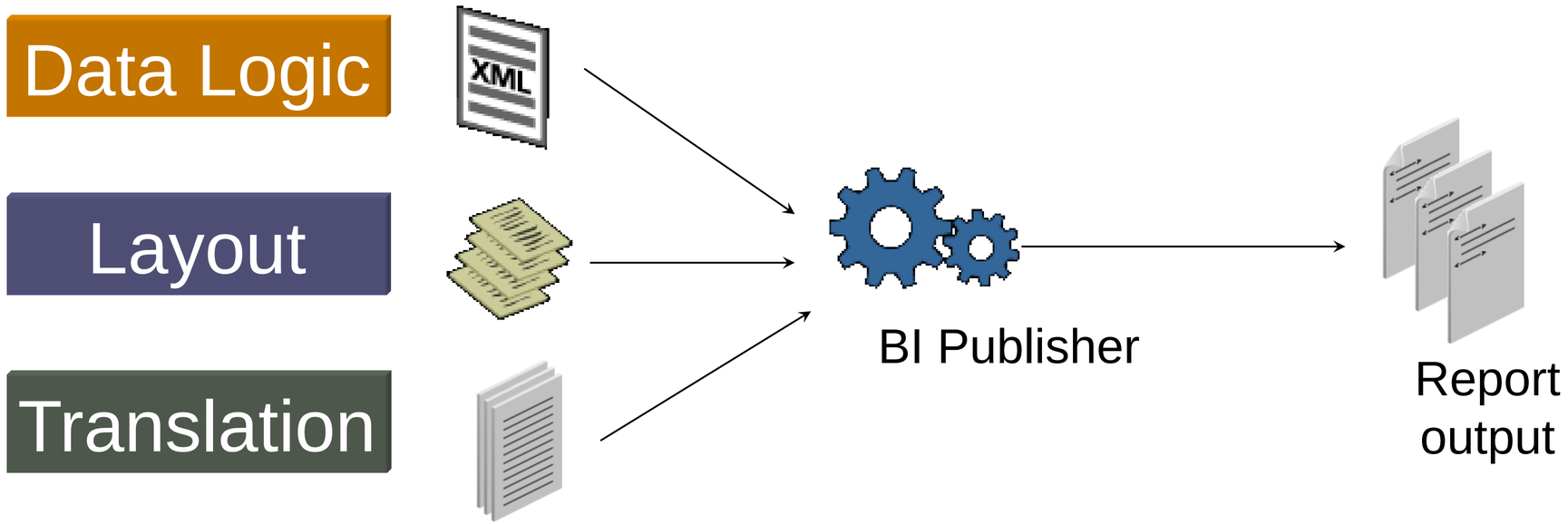
Agenda

- Why convert to BI Publisher?
- Conversion Plan
- Convert Oracle Reports
- Convert Crystal Reports
- Convert Actuate

Why Convert to BI Publisher?

Simplified Report Maintenance

- Separate data logic, layout & translation benefits
  - greater flexibility and reuse
  - fewer reports are easier to maintain
  - optimize data extraction and document generation process



Gallup

GALLUP®

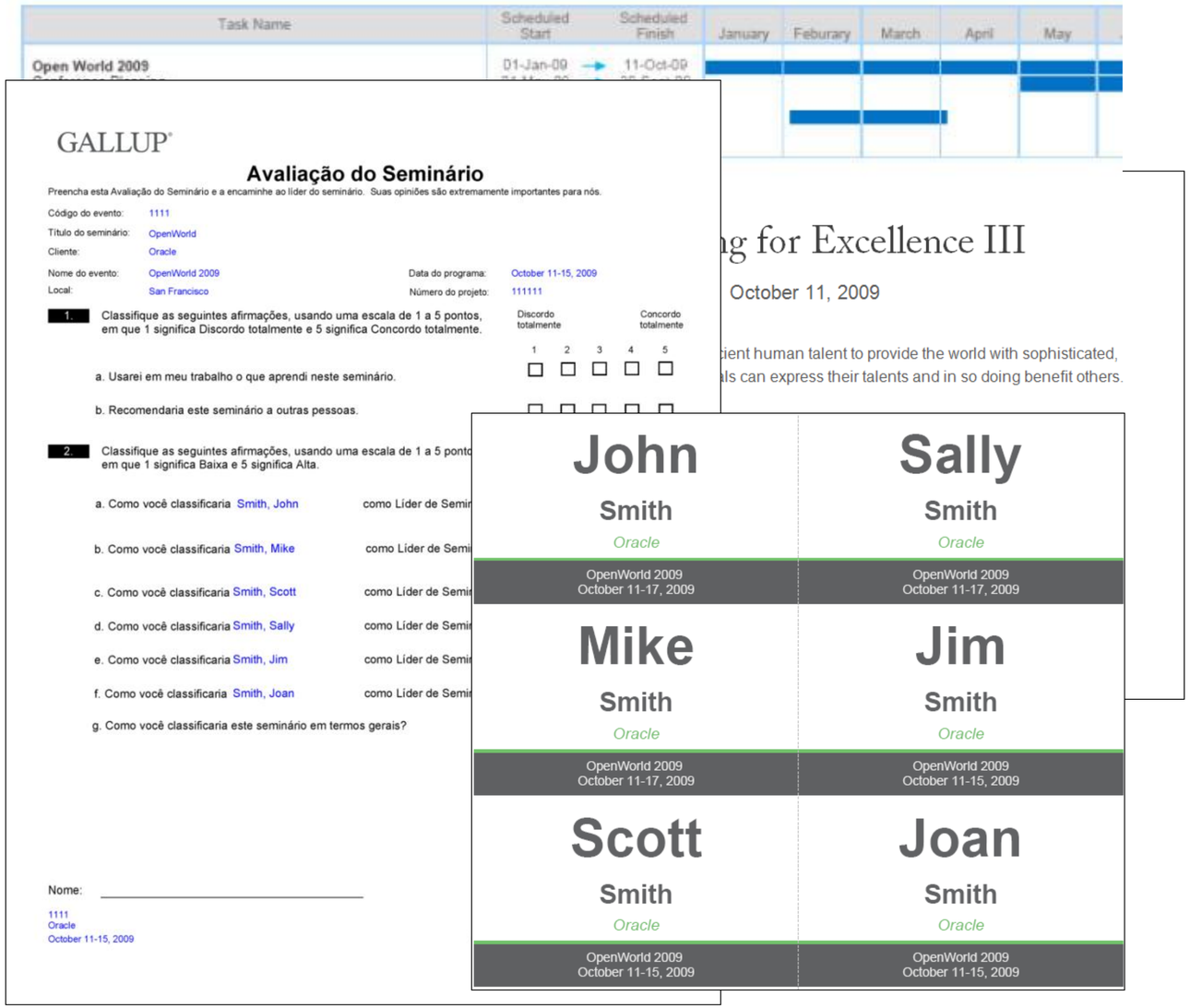
Better Managed

Challenge

- 200+ Crystal Reports
- Duplicate reports
- Hard to use & manage

Results

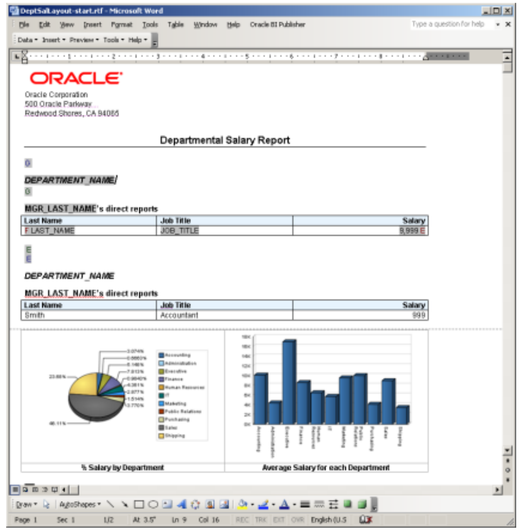
- 30 Publisher reports (85% reduction)
- 3 months w/ one f/t report developer



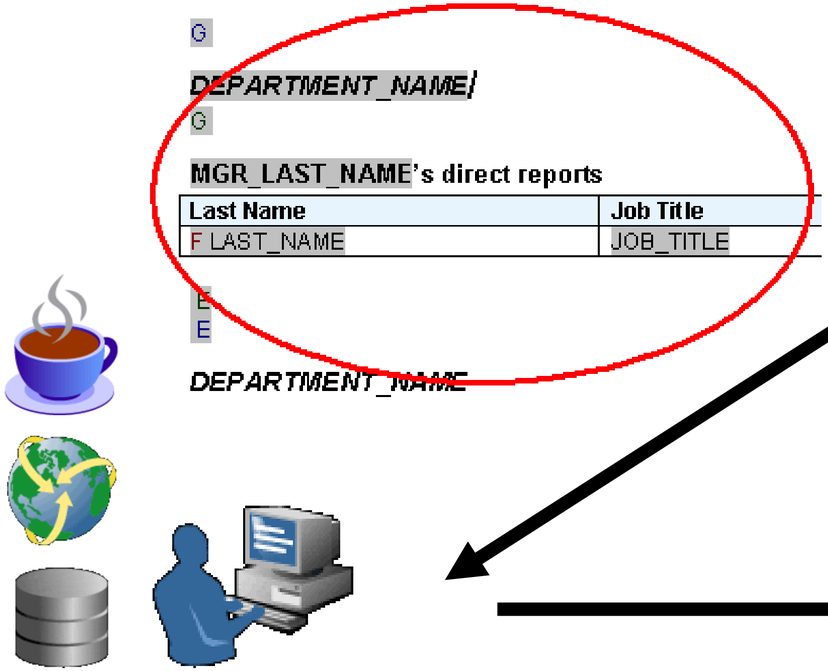
Why Convert to BI Publisher ?

Faster Development

- User creates layout with desktop tools
- IT builds data model



Report Templates



Multiple Data Sources

Report Outputs

MasterCard Worldwide

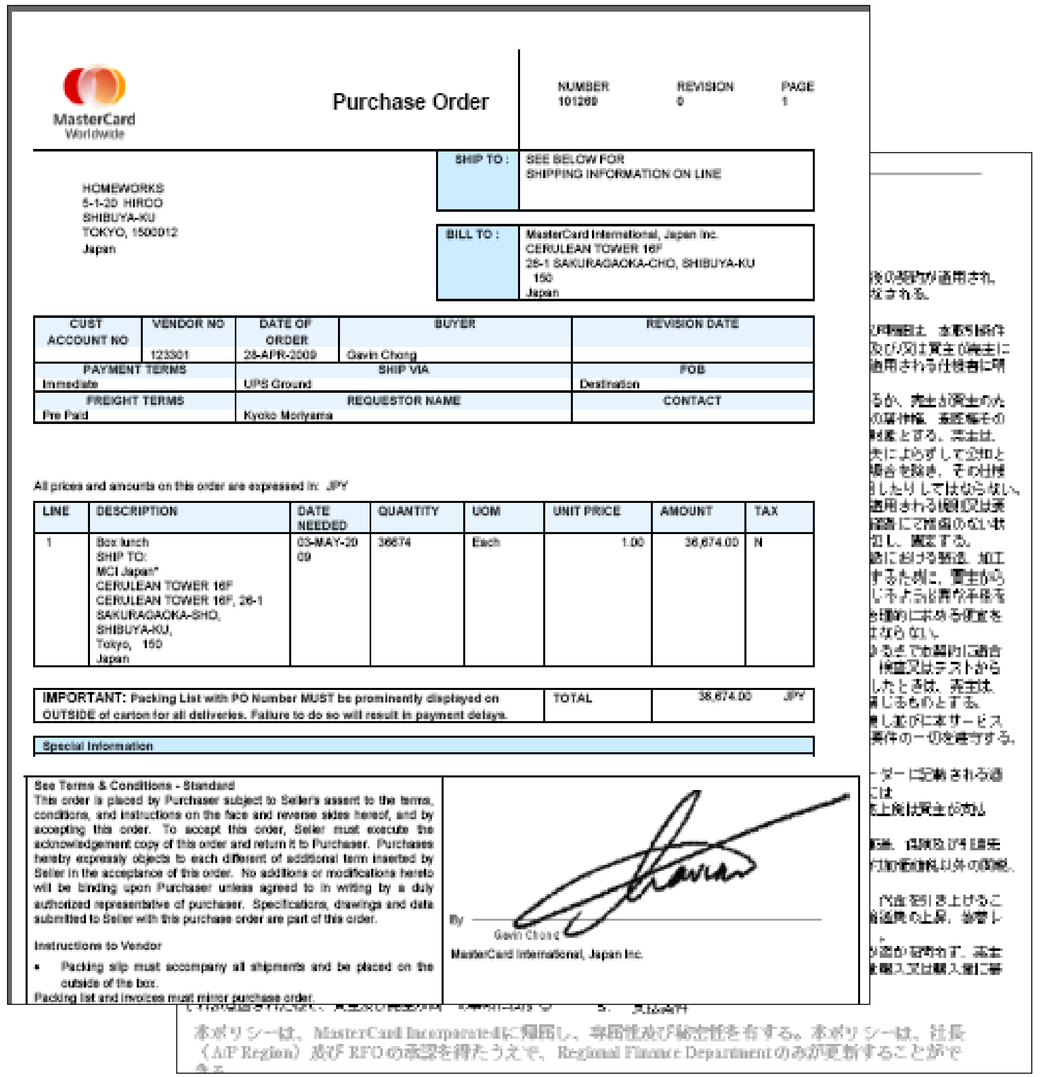
Faster, Easier Development

Challenge

- 90 days and 3 people (incl. 3rd party vendor) to implement POs
- 50 Operating Units

Result

- 3 days and 1 person to implement POs
- 12x faster w/ 1 person



MasterCard Worldwide

Purchase Order

NUMBER 101269 | REVISION 0 | PAGE 1

HOMEWORKS
5-1-20 HIROO
SHIBUYA-KU
TOKYO, 1500012
Japan

SHIP TO : SEE BELOW FOR SHIPPING INFORMATION ON LINE

BILL TO : MasterCard International, Japan Inc.
CERULEAN TOWER 16F
26-1 SAKURAGAOKA-CHO, SHIBUYA-KU
150
Japan

CUST ACCOUNT NO	VENDOR NO	DATE OF ORDER	BUYER	REVISION DATE
	123001	28-APR-2009	Gavin Chong	
PAYMENT TERMS		SHIP VIA		FOB
Immediate		UPS Ground		Destination
FREIGHT TERMS		REQUESTOR NAME		CONTACT
Pre Paid		Kyoko Moriyama		

All prices and amounts on this order are expressed in: JPY

LINE	DESCRIPTION	DATE NEEDED	QUANTITY	UOM	UNIT PRICE	AMOUNT	TAX
1	Box lunch SHIP TO: MCI Japan" CERULEAN TOWER 16F CERULEAN TOWER 16F, 26-1 SAKURAGAOKA-SHO, SHIBUYA-KU, Tokyo, 150 Japan	05-MAY-2009	36674	Each	1.00	36,674.00	N

IMPORTANT: Packing List with PO Number MUST be prominently displayed on OUTSIDE of carton for all deliveries. Failure to do so will result in payment delays.

TOTAL 36,674.00 JPY

Special Information

See Terms & Conditions - Standard
This order is placed by Purchaser subject to Seller's assent to the terms, conditions, and instructions on the face and reverse sides hereof, and by accepting this order. To accept this order, Seller must execute the acknowledgement copy of this order and return it to Purchaser. Purchaser hereby expressly objects to each different of additional term inserted by Seller in the acceptance of this order. No additions or modifications hereto will be binding upon Purchaser unless agreed to in writing by a duly authorized representative of purchaser. Specifications, drawings and data submitted to Seller with this purchase order are part of this order.

Instructions to Vendor

- Packing slip must accompany all shipments and be placed on the outside of the box.

Packing list and invoices must mirror purchase order.

By Gavin Chong
MasterCard International, Japan Inc.

Why Convert to BI Publisher ?

Single Solution for All Documents

- ✓*Invoices*
- ✓*Correspondence*
- ✓*Purchase Orders*
- ✓*Shipping Labels*
- ✓*Government Forms*
- ✓*EFT & EDI*
- ✓*Checks*
- ✓*Operational Reports*
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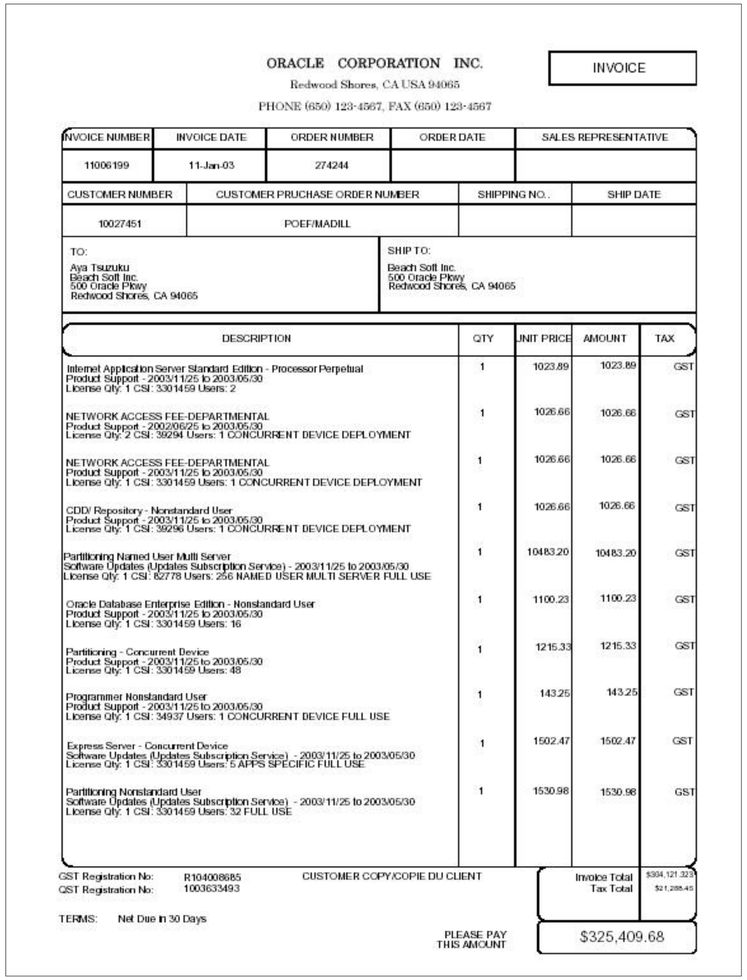

ORACLE CORPORATION INC.
Redwood Shores, CA USA 94065
PHONE (650) 123-4567, FAX (650) 123-4567

INVOICE

INVOICE NUMBER	INVOICE DATE	ORDER NUMBER	ORDER DATE	SALES REPRESENTATIVE
11006199	11-Jan-03	274244		

CUSTOMER NUMBER	CUSTOMER PRUCHASE ORDER NUMBER	SHIPPING NO..	SHIP DATE
10027451	POEF/MADILL		

TO:
Aya Tsuzuku
Beach Soft Inc.
500 Oracle Pkwy
Redwood Shores, CA 94065

SHIP TO:
Beach Soft Inc.
500 Oracle Pkwy
Redwood Shores, CA 94065

DESCRIPTION	QTY	UNIT PRICE	AMOUNT	TAX
Internet Application Server Standard Edition - Processor Perpetual Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 2	1	1023.89	1023.89	GST
NETWORK ACCESS FEE-DEPARTMENTAL Product Support - 2002/06/25 to 2003/05/30 License Qty: 2 CSI: 39294 Users: 1 CONCURRENT DEVICE DEPLOYMENT	1	1026.66	1026.66	GST
NETWORK ACCESS FEE-DEPARTMENTAL Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 1 CONCURRENT DEVICE DEPLOYMENT	1	1026.66	1026.66	GST
CDD/ Repository - Nonstandard User Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 39296 Users: 1 CONCURRENT DEVICE DEPLOYMENT	1	1026.66	1026.66	GST
Partitioning Named User Multi Server Software Updates (Updates Subscription Service) - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 62778 Users: 256 NAMED USER MULTI SERVER FULL USE	1	10483.20	10483.20	GST
Oracle Database Enterprise Edition - Nonstandard User Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 16	1	1100.23	1100.23	GST
Partitioning - Concurrent Device Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 48	1	1215.33	1215.33	GST
Programmer Nonstandard User Product Support - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 34937 Users: 1 CONCURRENT DEVICE FULL USE	1	143.25	143.25	GST
Express Server - Concurrent Device Software Updates (Updates Subscription Service) - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 5 APPS SPECIFIC FULL USE	1	1502.47	1502.47	GST
Partitioning Nonstandard User Software Updates (Updates Subscription Service) - 2003/11/25 to 2003/05/30 License Qty: 1 CSI: 3301459 Users: 32 FULL USE	1	1530.98	1530.98	GST

GST Registration No: R104008685
QST Registration No: 1003633493

CUSTOMER COPY/COPIE DU CLIENT

Invoice Total $304,121.323
Tax Total $21,288.45

TERMS: Net Due in 30 Days

PLEASE PAY THIS AMOUNT $325,409.68

Why Convert to BI Publisher ?

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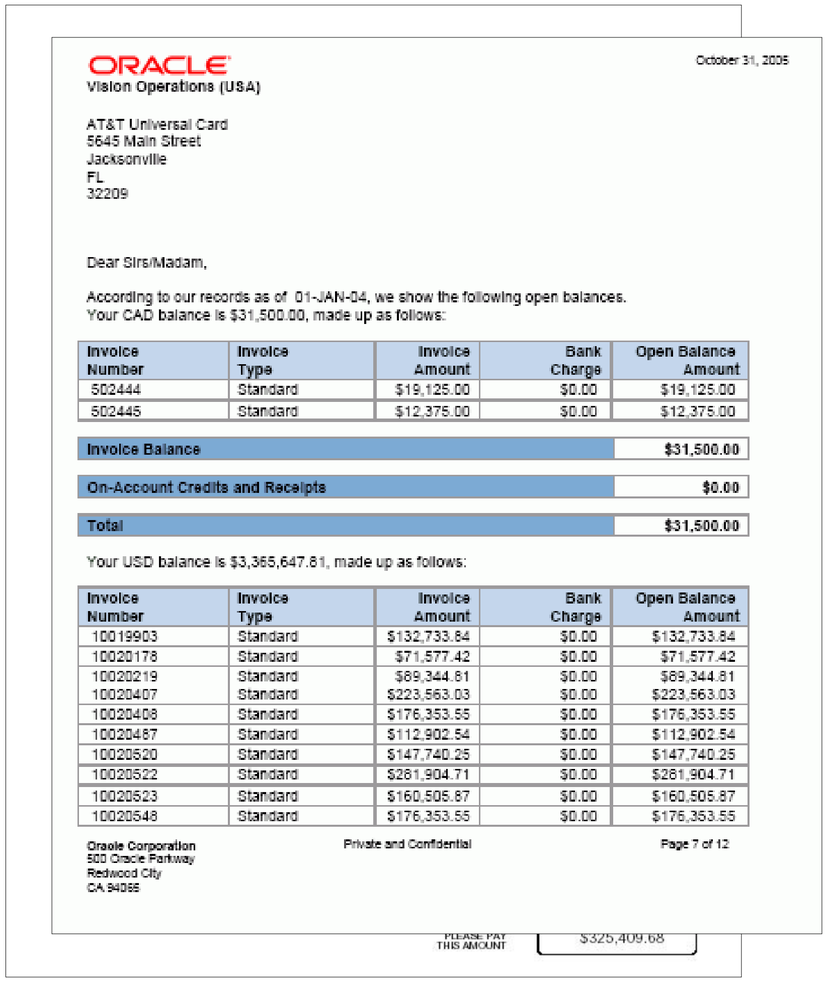

ORACLE
Vision Operations (USA)

October 31, 2005

AT&T Universal Card
5645 Main Street
Jacksonville
FL
32209

Dear Sirs/Madam,

According to our records as of 01-JAN-04, we show the following open balances.
Your CAD balance is $31,500.00, made up as follows:

Invoice Number	Invoice Type	Invoice Amount	Bank Charge	Open Balance Amount
502444	Standard	$19,125.00	$0.00	$19,125.00
502445	Standard	$12,375.00	$0.00	$12,375.00

Invoice Balance	$31,500.00
On-Account Credits and Receipts	$0.00
Total	$31,500.00

Your USD balance is $3,365,647.81, made up as follows:

Invoice Number	Invoice Type	Invoice Amount	Bank Charge	Open Balance Amount
10019903	Standard	$132,733.84	$0.00	$132,733.84
10020178	Standard	$71,577.42	$0.00	$71,577.42
10020219	Standard	$69,344.81	$0.00	$69,344.81
10020407	Standard	$223,563.03	$0.00	$223,563.03
10020408	Standard	$176,353.55	$0.00	$176,353.55
10020487	Standard	$112,902.54	$0.00	$112,902.54
10020520	Standard	$147,740.25	$0.00	$147,740.25
10020522	Standard	$261,904.71	$0.00	$261,904.71
10020523	Standard	$160,505.87	$0.00	$160,505.87
10020548	Standard	$176,353.55	$0.00	$176,353.55

Oracle Corporation
500 Oracle Parkway
Redwood City
CA 94065

Private and Confidential

Page 7 of 12

PLEASE PAY THIS AMOUNT $325,409.68

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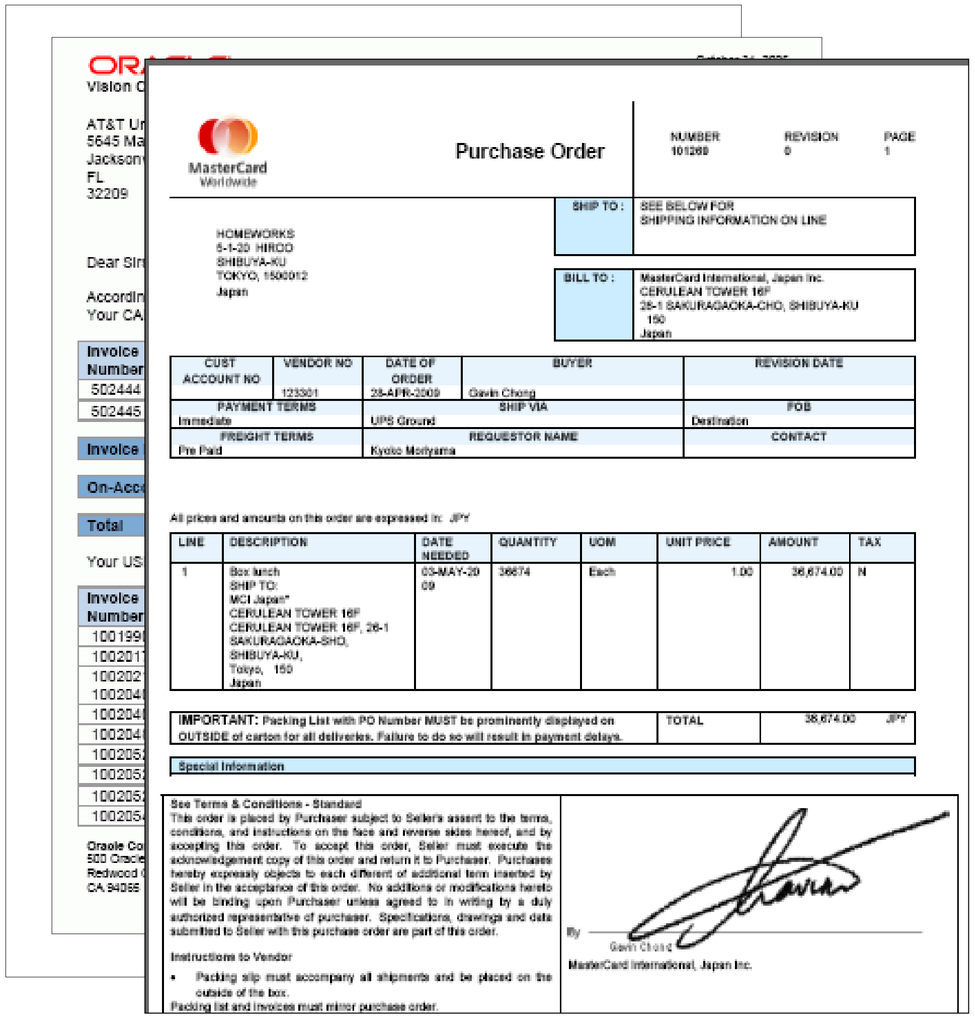

MasterCard Worldwide

Purchase Order

NUMBER	REVISION	PAGE
101269	0	1

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HOMEWORKS
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SHIBUYA-KU
TOKYO, 1500012
Japan

BILL TO : MasterCard International, Japan Inc.
CERULEAN TOWER 16F
26-1 SAKURAGAOKA-CHO, SHIBUYA-KU
150
Japan

CUST ACCOUNT NO	VENDOR NO	DATE OF ORDER	BUYER	REVISION DATE
	123301	28-APR-2009	Gavin Chong	

PAYMENT TERMS	SHIP VIA	FOB
Immediate	UPS Ground	Destination

FREIGHT TERMS	REQUESTOR NAME	CONTACT
Pre Paid	Kyoko Moriyama	

All prices and amounts on this order are expressed in: JPY

LINE	DESCRIPTION	DATE NEEDED	QUANTITY	UOM	UNIT PRICE	AMOUNT	TAX
1	Box lunch SHIP TO: MCI Japan* CERULEAN TOWER 16F CERULEAN TOWER 16F, 26-1 SAKURAGAOKA-SHO, SHIBUYA-KU, Tokyo, 150 Japan	03-MAY-20 09	36674	Each	1.00	36,674.00	N

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TOTAL 36,674.00 JPY

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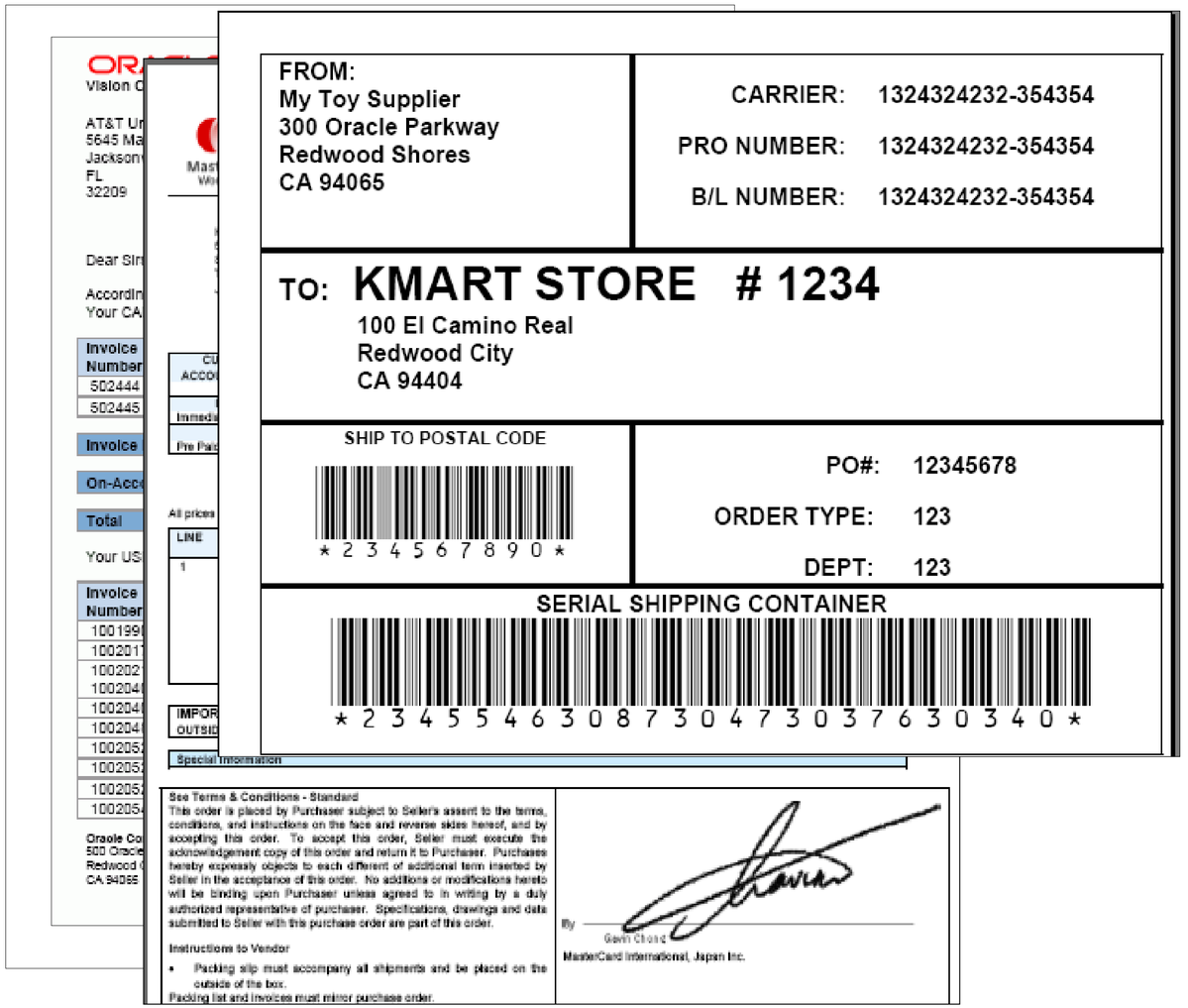

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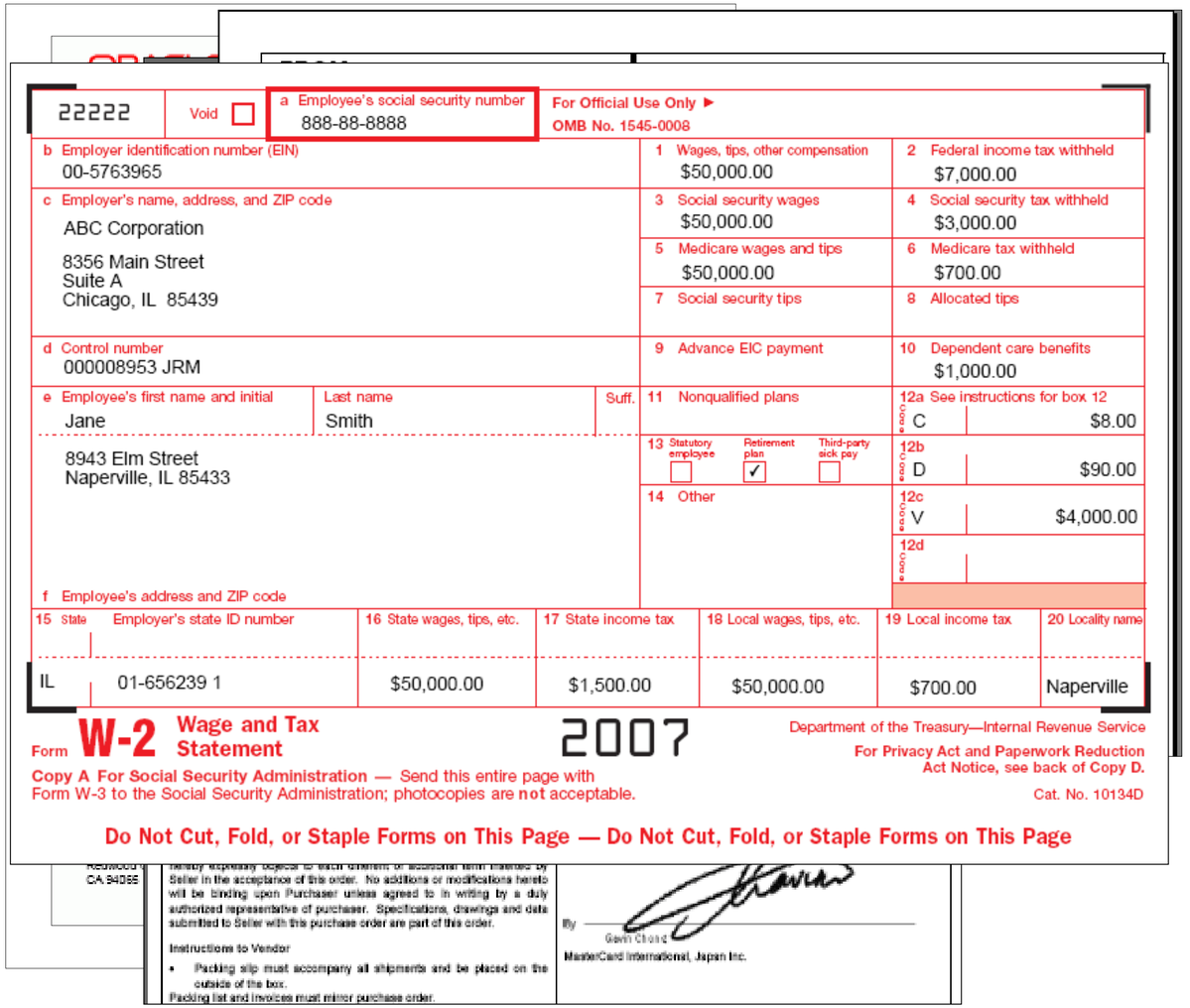

22222 Void ☐

a Employee's social security number 888-88-8888

For Official Use Only ▶ OMB No. 1545-0008

b Employer identification number (EIN) 00-5763965

c Employer's name, address, and ZIP code
ABC Corporation
8356 Main Street
Suite A
Chicago, IL 85439

d Control number 000008953 JRM

e Employee's first name and initial: Jane | Last name: Smith | Suff.

8943 Elm Street
Naperville, IL 85433

f Employee's address and ZIP code

1 Wages, tips, other compensation $50,000.00
2 Federal income tax withheld $7,000.00
3 Social security wages $50,000.00
4 Social security tax withheld $3,000.00
5 Medicare wages and tips $50,000.00
6 Medicare tax withheld $700.00
7 Social security tips
8 Allocated tips
9 Advance EIC payment
10 Dependent care benefits $1,000.00
11 Nonqualified plans
12a See instructions for box 12 — C $8.00
13 Statutory employee ☐ Retirement plan ☑ Third-party sick pay ☐
12b D $90.00
14 Other
12c V $4,000.00
12d

15 State	Employer's state ID number	16 State wages, tips, etc.	17 State income tax	18 Local wages, tips, etc.	19 Local income tax	20 Locality name
IL	01-656239 1	$50,000.00	$1,500.00	$50,000.00	$700.00	Naperville

Form **W-2** Wage and Tax Statement **2007**

Department of the Treasury—Internal Revenue Service

Copy A For Social Security Administration — Send this entire page with Form W-3 to the Social Security Administration; photocopies are not acceptable.

For Privacy Act and Paperwork Reduction Act Notice, see back of Copy D.

Cat. No. 10134D

Do Not Cut, Fold, or Staple Forms on This Page — Do Not Cut, Fold, or Staple Forms on This Page

CA 94065

Seller in the acceptance of this order. No additions or modifications hereto will be binding upon Purchaser unless agreed to in writing by a duly authorized representative of purchaser. Specifications, drawings and data submitted to Seller with this purchase order are part of this order.

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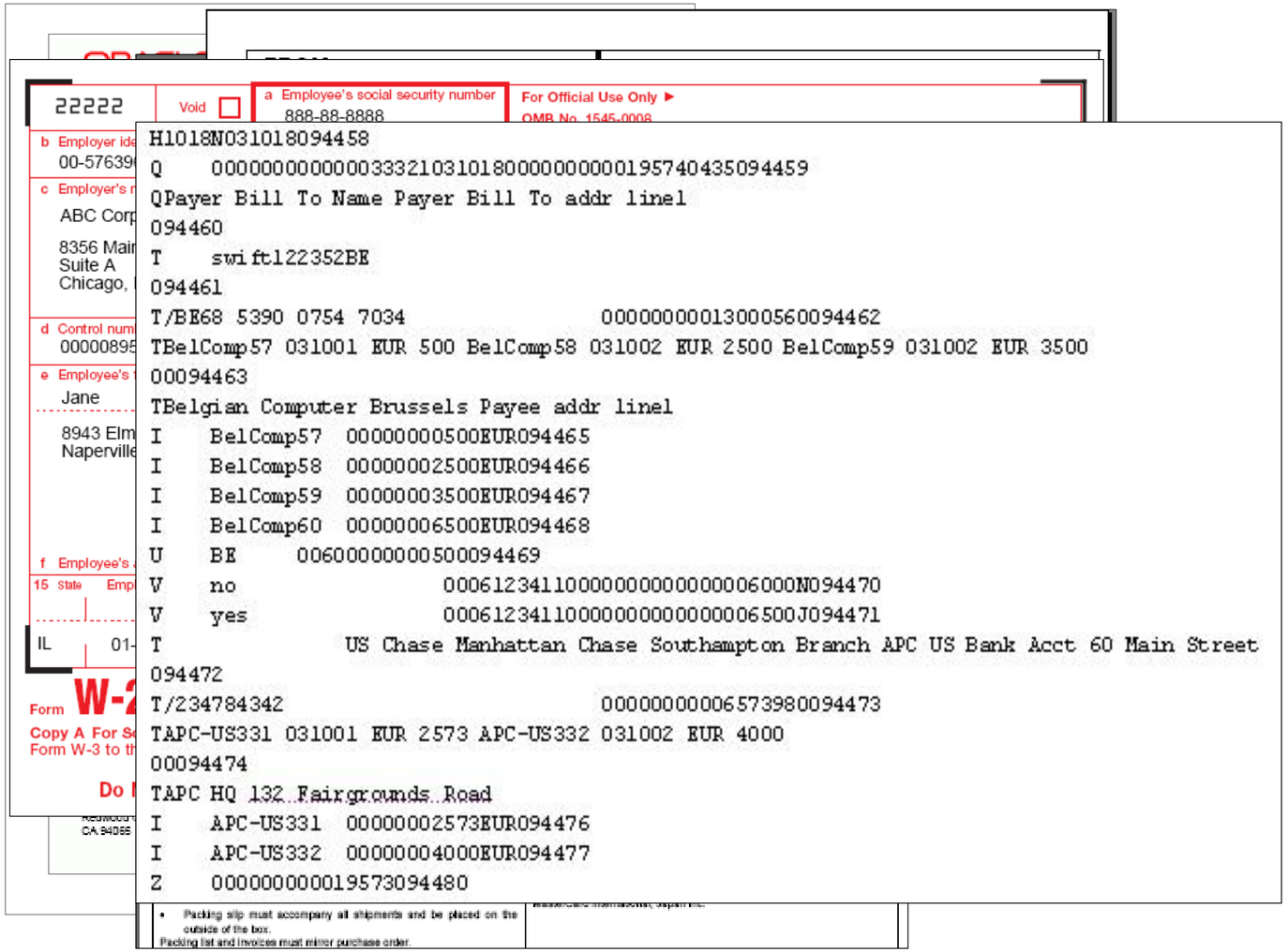

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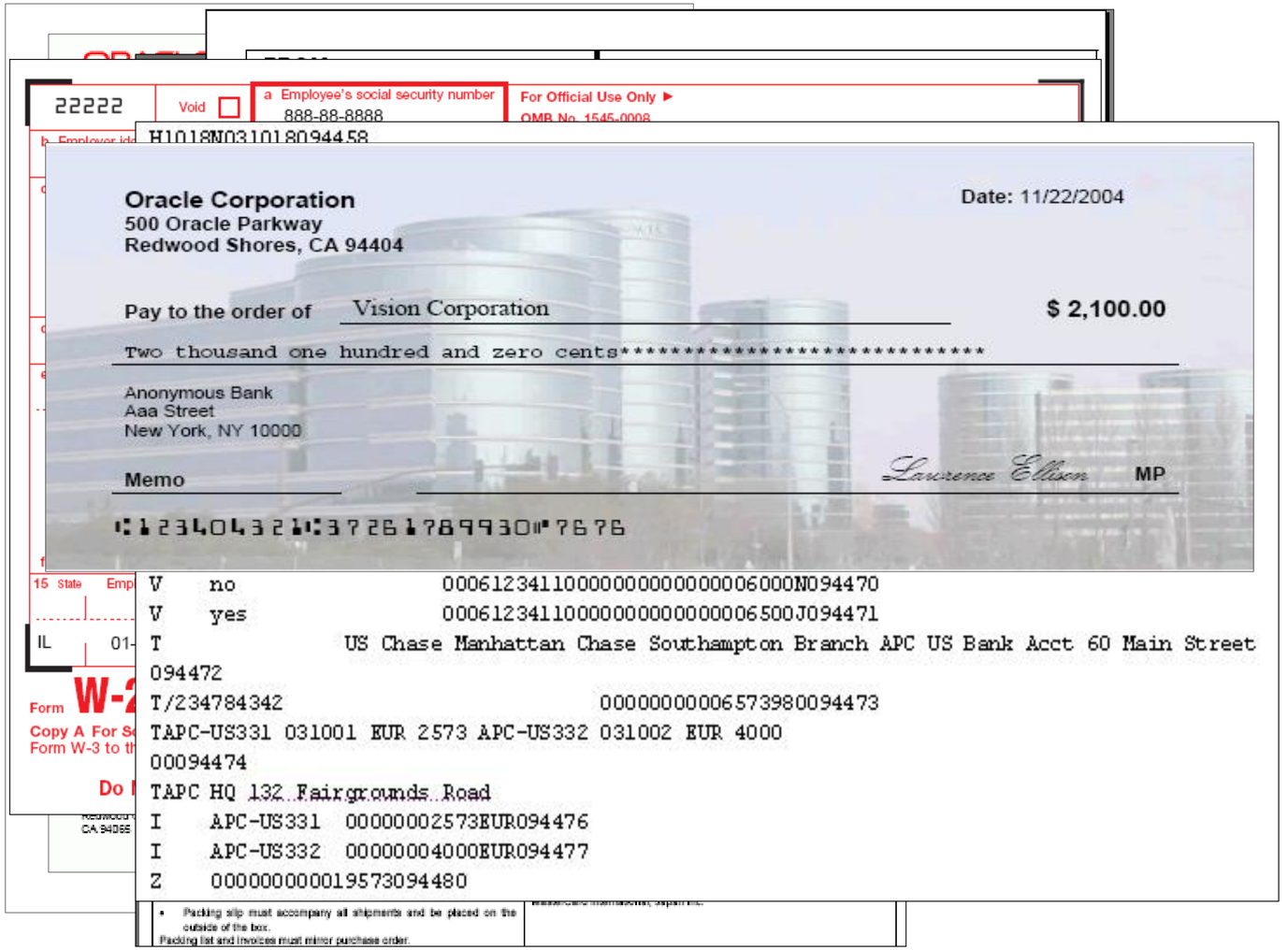

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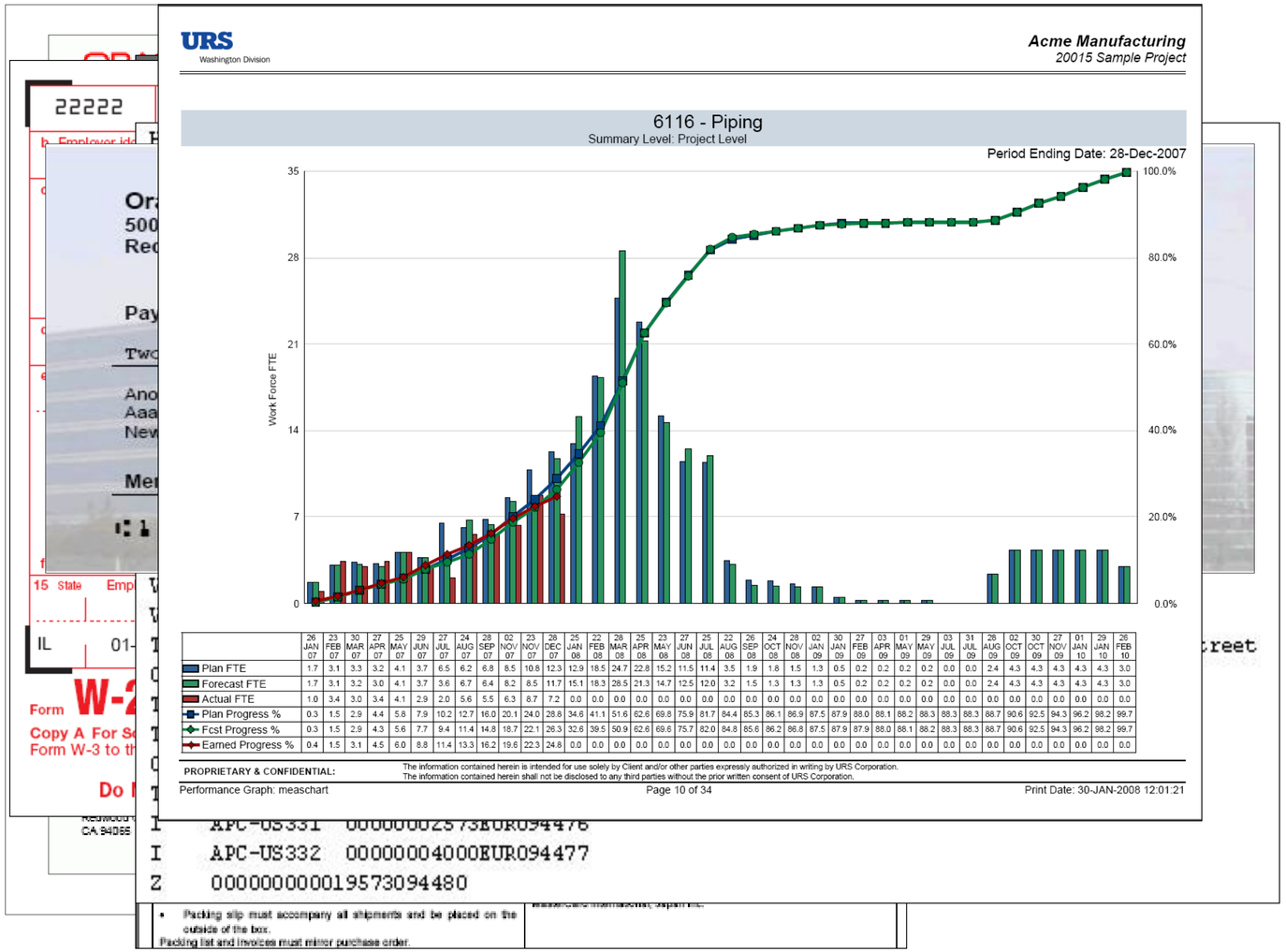

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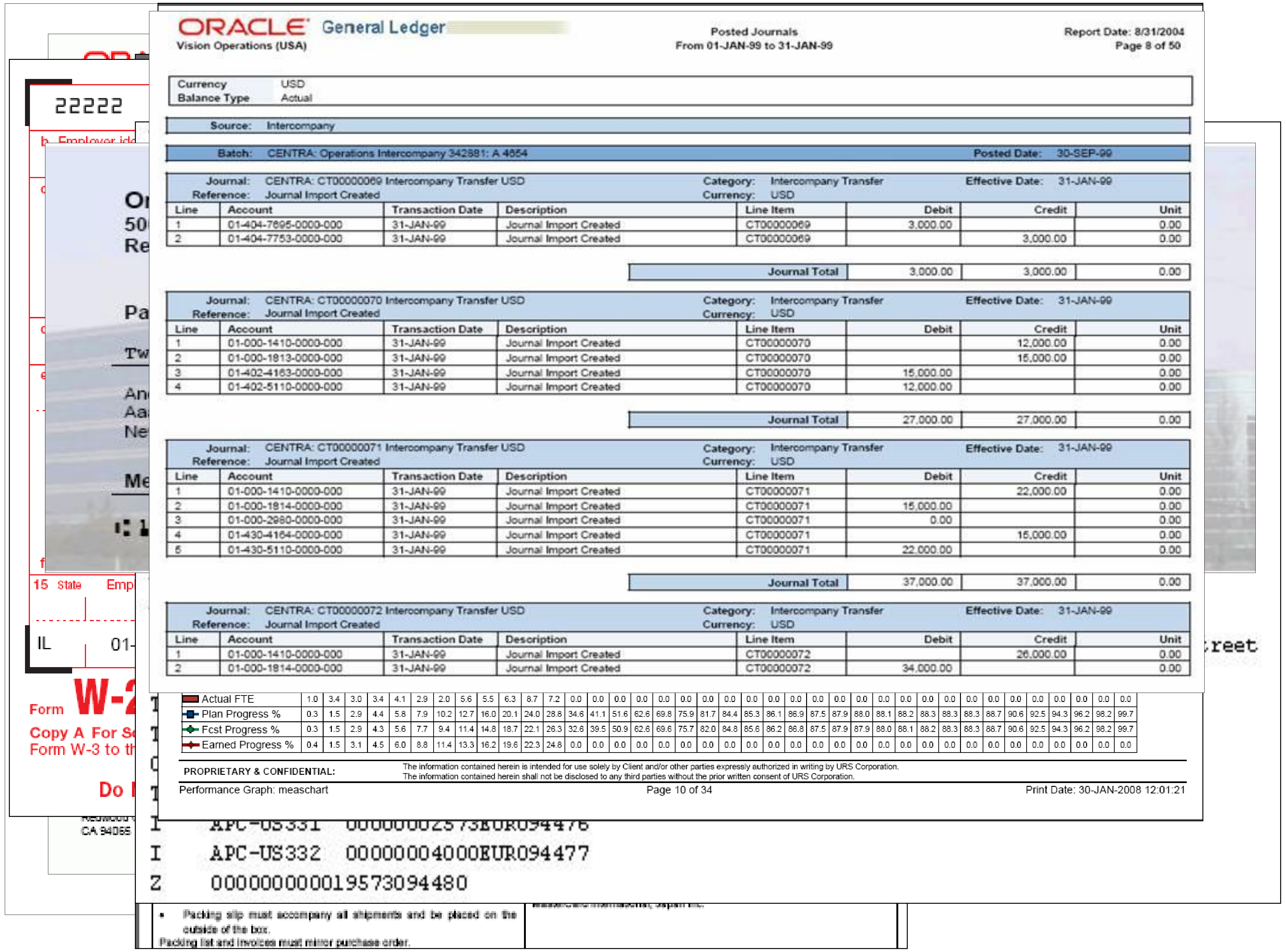

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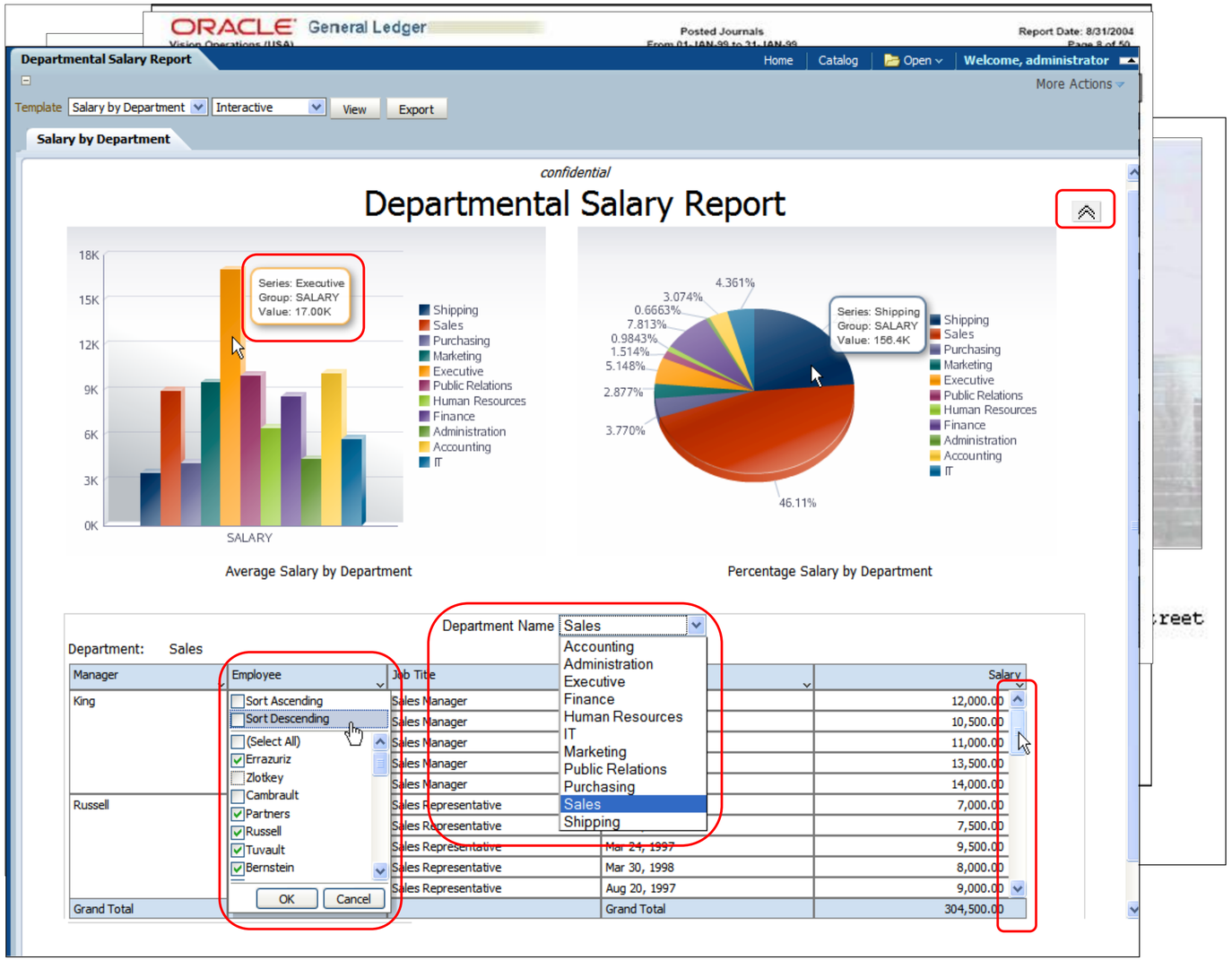

Agenda

- Why convert to BI Publisher?
- Conversion Plan
- Convert Oracle Reports
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- Convert Actuate

Conversion Plan

- Analyze reports
  - Categorize reports by Data
  - Categorize reports by Complexity
  - Evaluate the report size
  - Reduce number of reports
- Create Data Model to handle Data design
- Create RTF Template to handle Layout design
- Convert data handling functions into database functions
- Convert layout formatting functions into XSL/java functions

Agenda

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Convert Oracle Reports

Prerequisites

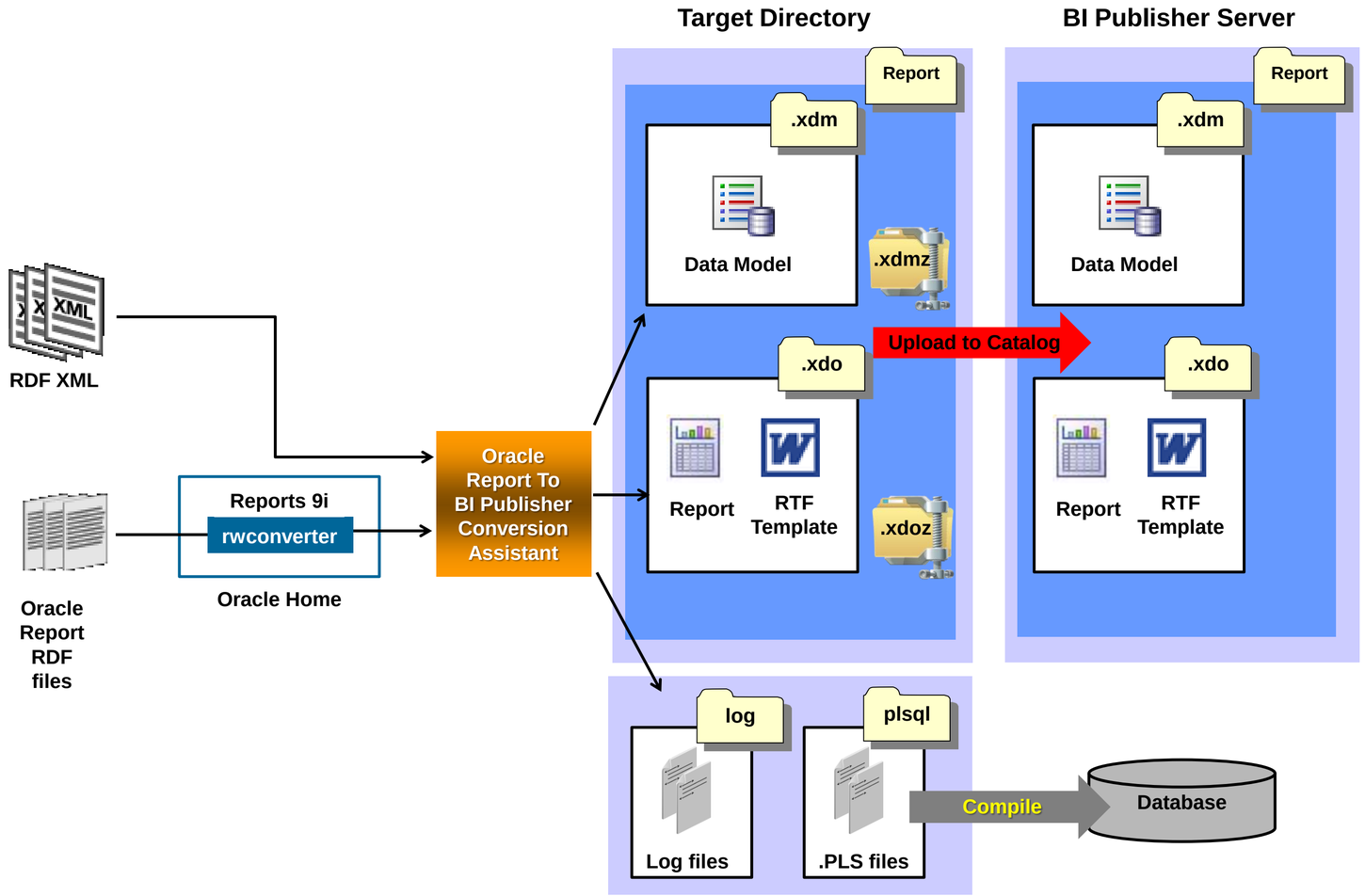
- Oracle Reports 9i
  - Source reports must eventually be in Oracle Reports XML format. Oracle Reports XML format is supported in Oracle Reports 9i and above
  - If your source reports are not in Oracle Reports XML format, the conversion utility will do this conversion automatically. However, this requires Oracle Reports Designer 9i or later on the same machine where you will do the conversion.
- Setting classpath
  - collections.jar
  - xmlparserv2-904.jar or xmlparserv2.jar
  - xdocore.jar
  - aolj.jar
  - Versioninfo.jar
- JDK 1.5 or higher

Convert Oracle Reports

Conversion Steps

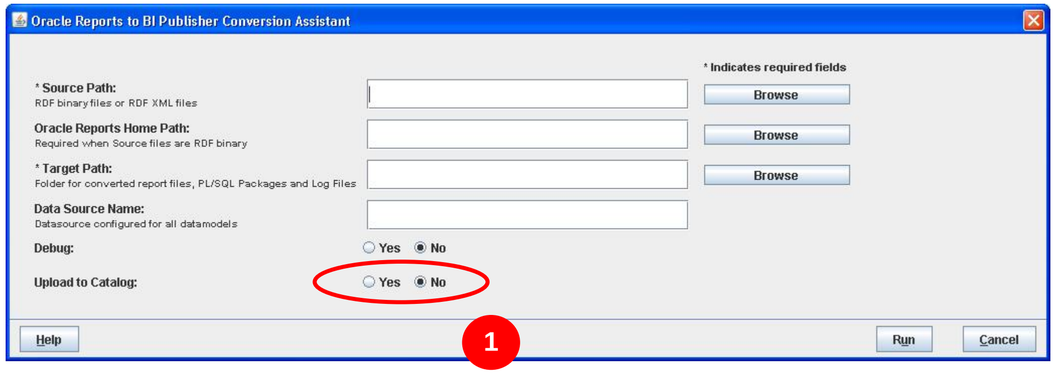
Steps

- Configure data source in BI Publisher Server
- Run the Conversion Assistant with option to upload report to BI Publisher Server
- Compile the PL/SQL package manually into Database
- View Report
- Check Log file for any unhandled features



Convert Oracle Reports

Conversion Assistant



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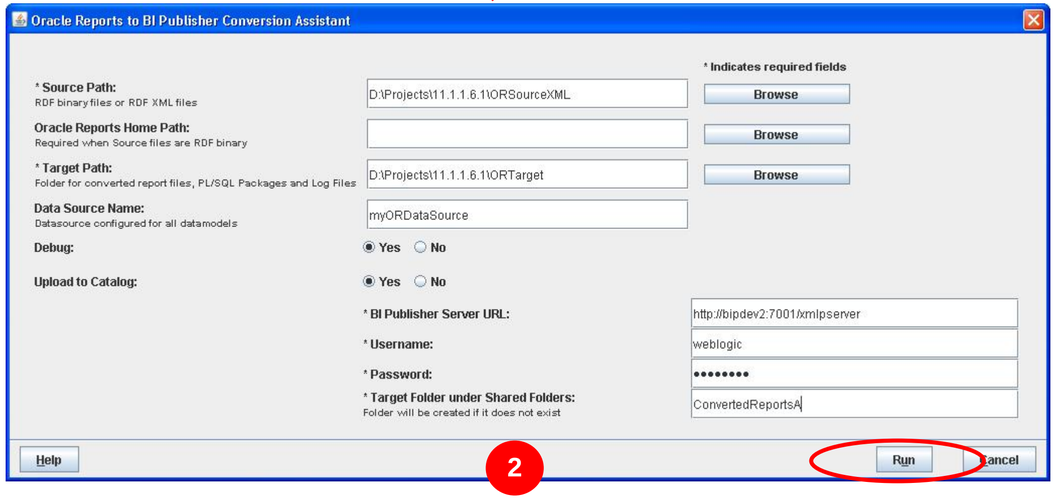

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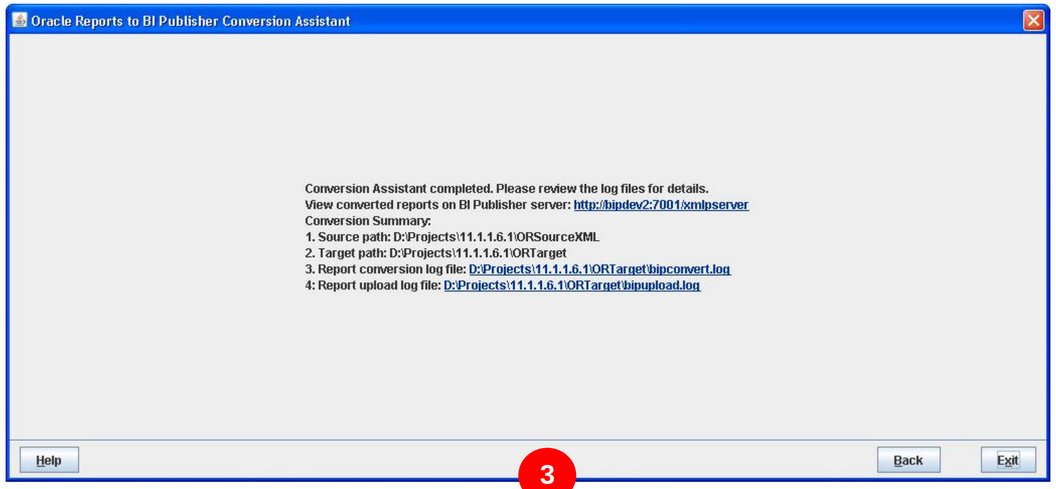

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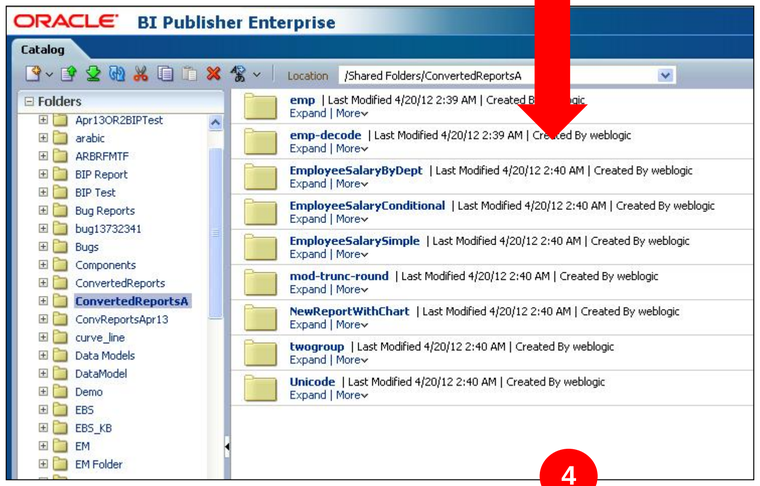

4

Agenda

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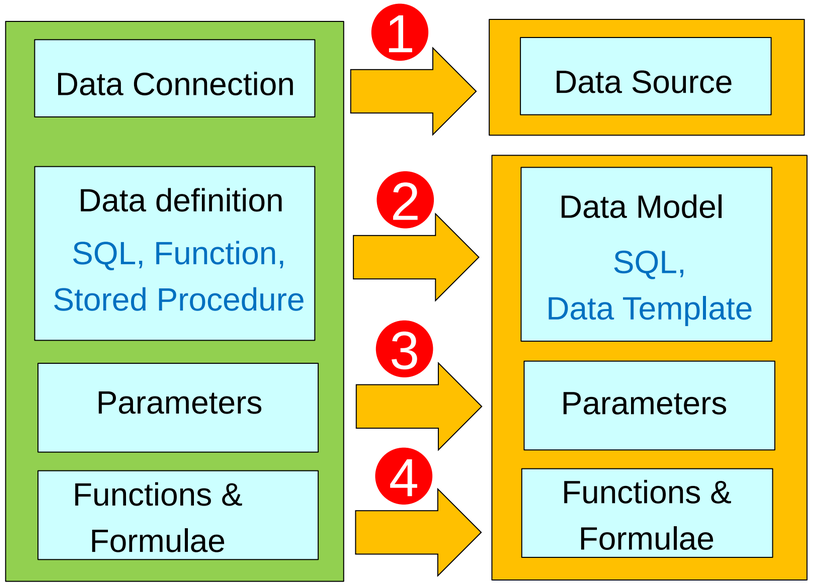
Convert Crystal Reports

Conversion Steps

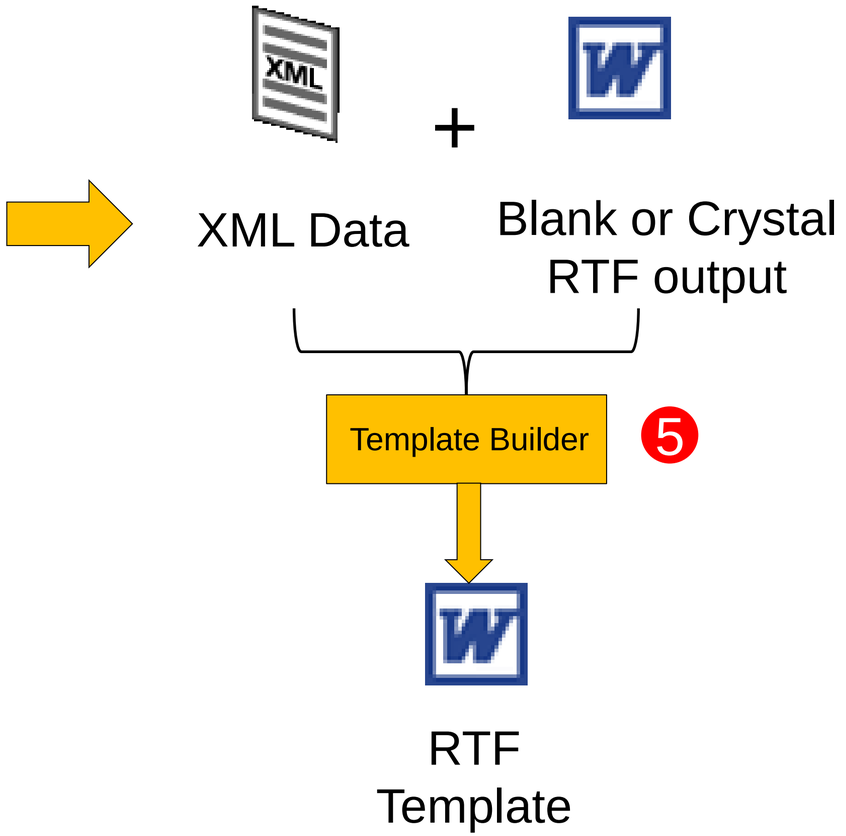
Connection and Data Model Conversion



Crystal Reports

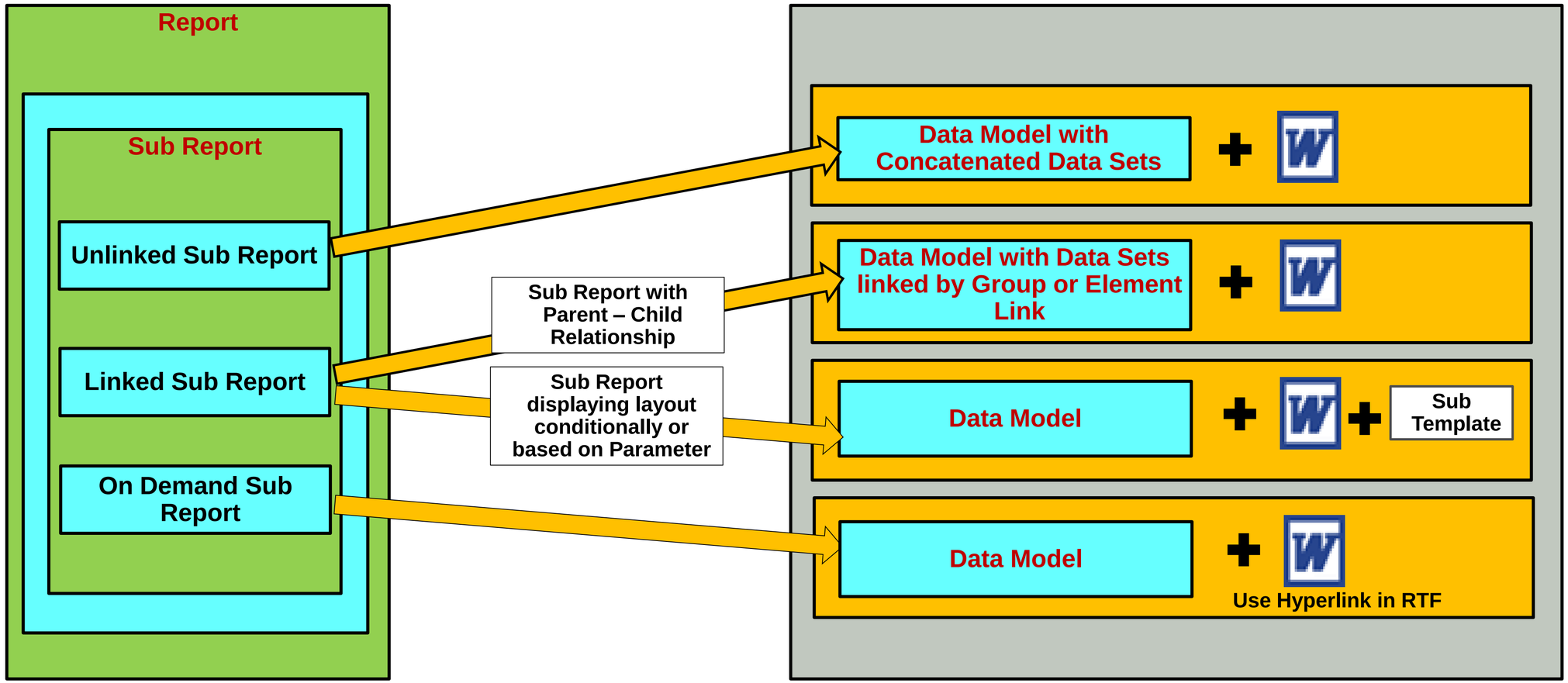
BI Publisher

Layout Conversion



Convert Crystal Reports

Handling Sub Reports

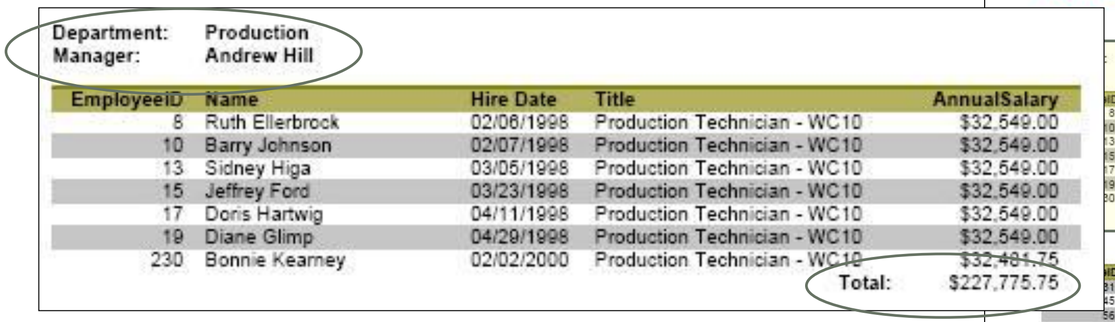


Crystal Reports with Sub Reports

BI Publisher

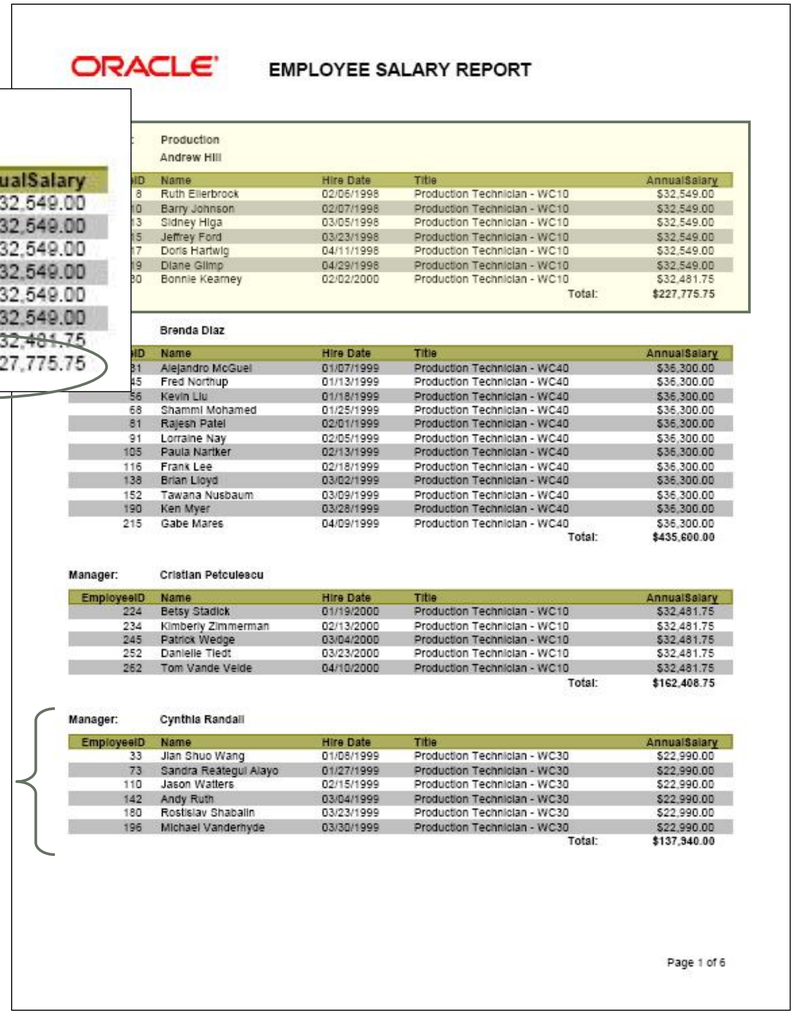
Convert Crystal Reports

Step-by-step conversion of a sample Crystal report



Department: Production
Manager: Andrew Hill

EmployeeID	Name	Hire Date	Title	AnnualSalary
8	Ruth Ellerbrock	02/06/1998	Production Technician - WC10	$32,549.00
10	Barry Johnson	02/07/1998	Production Technician - WC10	$32,549.00
13	Sidney Higa	03/05/1998	Production Technician - WC10	$32,549.00
15	Jeffrey Ford	03/23/1998	Production Technician - WC10	$32,549.00
17	Doris Hartwig	04/11/1998	Production Technician - WC10	$32,549.00
19	Diane Glimp	04/29/1998	Production Technician - WC10	$32,549.00
230	Bonnie Kearney	02/02/2000	Production Technician - WC10	$32,481.75
			Total:	$227,775.75



ORACLE

EMPLOYEE SALARY REPORT

Production
Andrew Hill

ID	Name	Hire Date	Title	AnnualSalary
8	Ruth Ellerbrock	02/06/1998	Production Technician - WC10	$32,549.00
10	Barry Johnson	02/07/1998	Production Technician - WC10	$32,549.00
13	Sidney Higa	03/05/1998	Production Technician - WC10	$32,549.00
15	Jeffrey Ford	03/23/1998	Production Technician - WC10	$32,549.00
17	Doris Hartwig	04/11/1998	Production Technician - WC10	$32,549.00
19	Diane Glimp	04/29/1998	Production Technician - WC10	$32,549.00
230	Bonnie Kearney	02/02/2000	Production Technician - WC10	$32,481.75
			Total:	$227,775.75

Brenda Diaz

ID	Name	Hire Date	Title	AnnualSalary
31	Alejandro McGuel	01/07/1999	Production Technician - WC40	$36,300.00
45	Fred Northup	01/13/1999	Production Technician - WC40	$36,300.00
56	Kevin Liu	01/18/1999	Production Technician - WC40	$36,300.00
68	Shamm Mohamed	01/25/1999	Production Technician - WC40	$36,300.00
81	Rajesh Patel	02/01/1999	Production Technician - WC40	$36,300.00
91	Lorraine Nay	02/05/1999	Production Technician - WC40	$36,300.00
105	Paula Nartker	02/13/1999	Production Technician - WC40	$36,300.00
116	Frank Lee	02/18/1999	Production Technician - WC40	$36,300.00
138	Brian Lloyd	03/02/1999	Production Technician - WC40	$36,300.00
152	Tawana Nusbaum	03/09/1999	Production Technician - WC40	$36,300.00
190	Ken Myer	03/28/1999	Production Technician - WC40	$36,300.00
215	Gabe Mares	04/09/1999	Production Technician - WC40	$36,300.00
			Total:	$435,600.00

Manager: Cristian Petculescu

EmployeeID	Name	Hire Date	Title	AnnualSalary
224	Betsy Stadick	01/19/2000	Production Technician - WC10	$32,481.75
234	Kimberly Zimmerman	02/13/2000	Production Technician - WC10	$32,481.75
245	Patrick Wedge	03/04/2000	Production Technician - WC10	$32,481.75
252	Danielle Tiedt	03/23/2000	Production Technician - WC10	$32,481.75
262	Tom Vande Velde	04/10/2000	Production Technician - WC10	$32,481.75
			Total:	$162,408.75

Manager: Cynthia Randall

EmployeeID	Name	Hire Date	Title	AnnualSalary
33	Jian Shuo Wang	01/08/1999	Production Technician - WC30	$22,990.00
73	Sandra Reategui Alayo	01/27/1999	Production Technician - WC30	$22,990.00
110	Jason Watters	02/15/1999	Production Technician - WC30	$22,990.00
142	Andy Ruth	03/04/1999	Production Technician - WC30	$22,990.00
180	Rostislav Shaballin	03/23/1999	Production Technician - WC30	$22,990.00
196	Michael Vanderhyde	03/30/1999	Production Technician - WC30	$22,990.00
			Total:	$137,940.00

Page 1 of 6

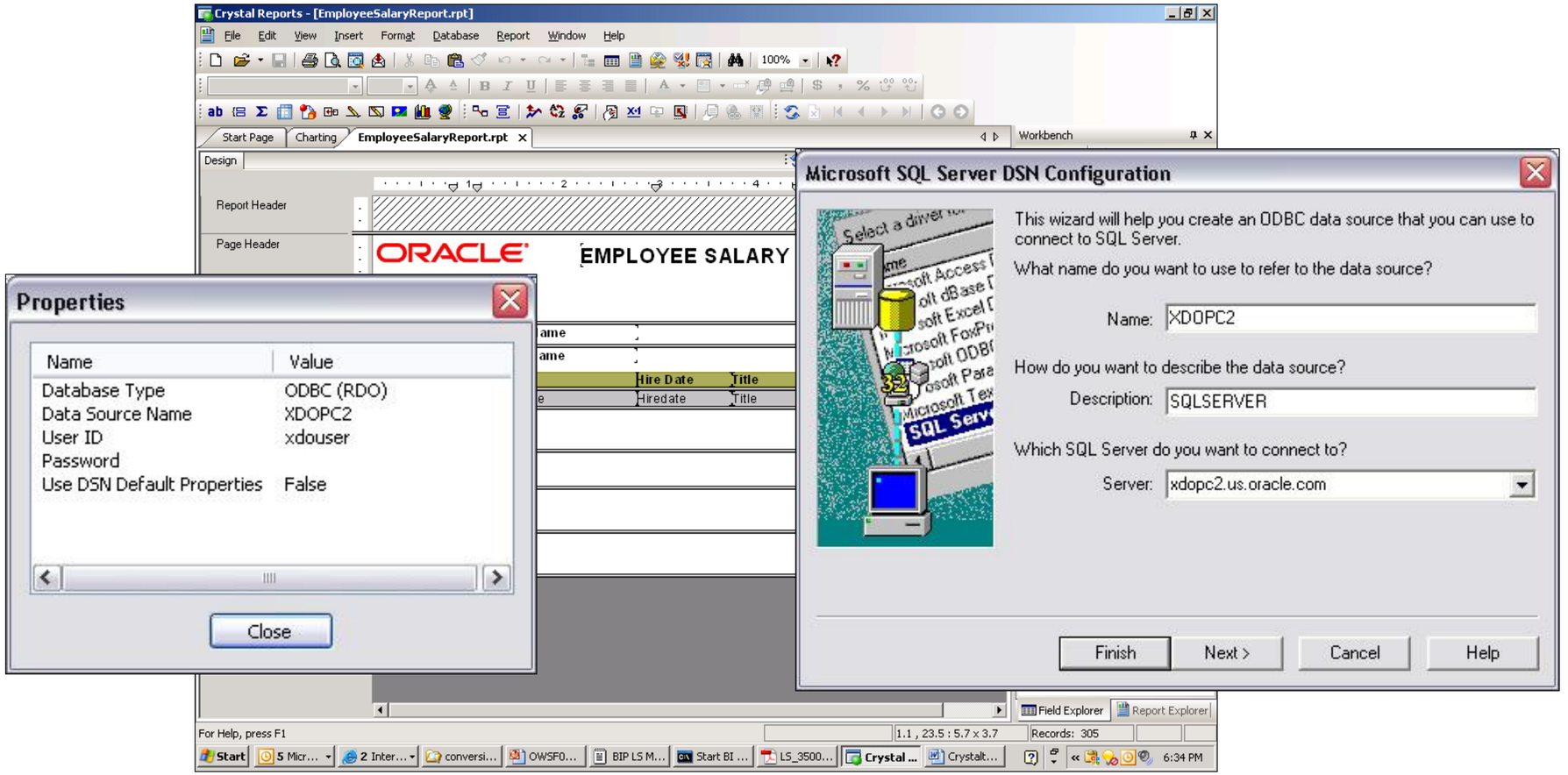
Crystal Report at a glance

- Banded Report
- Group by Department and Manager
- Subtotal Salary by group
- Data does not break across page

Sample Report Conversion

Convert Connection and Data Model

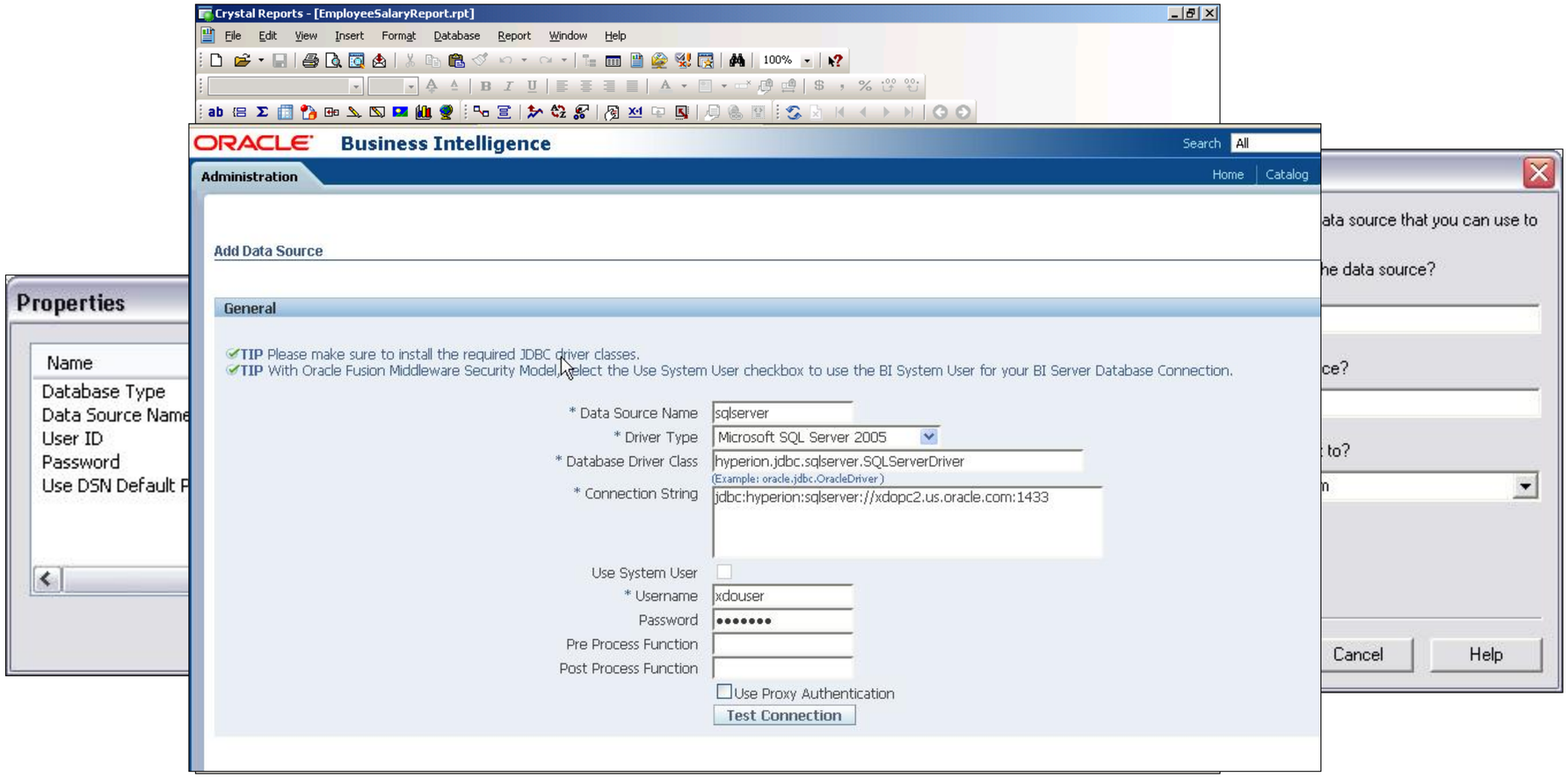
Convert Connection



Sample Report Conversion

Convert Connection and Data Model

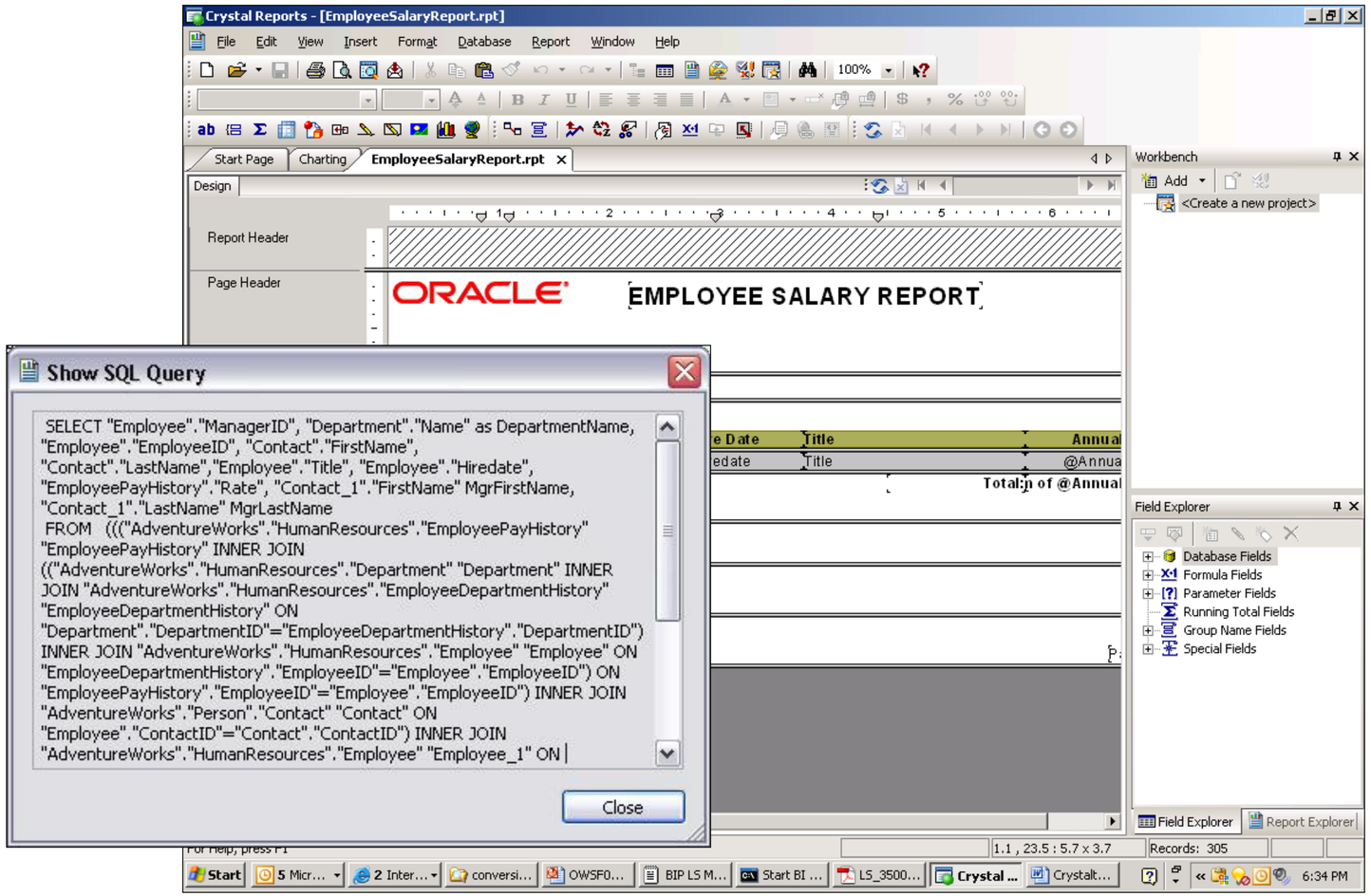
Convert Connection



Sample Report Conversion

Convert Connection and Data Model

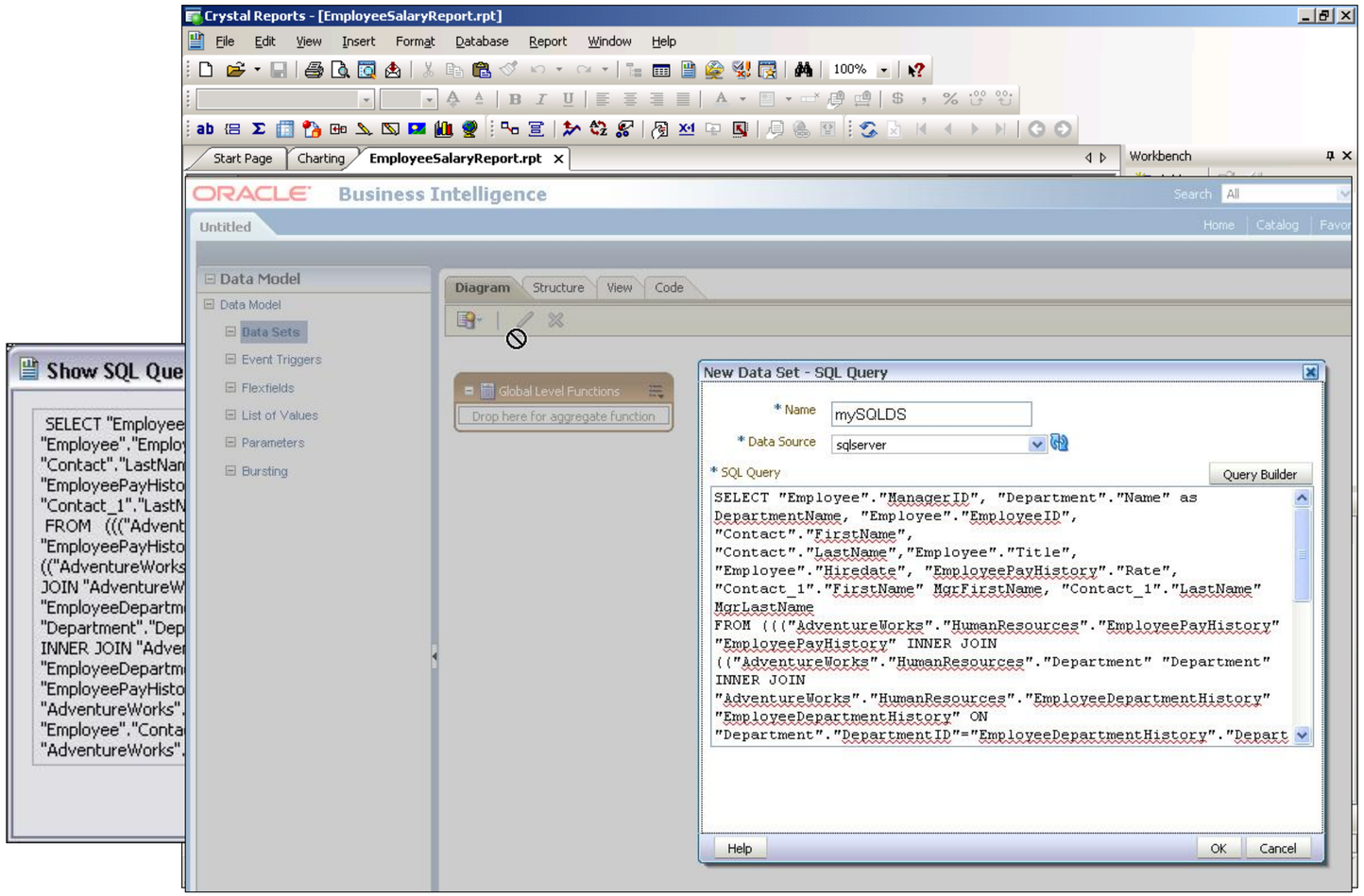
Convert Crystal SQL to BI Publisher Data Model



Sample Report Conversion

Convert Connection and Data Model

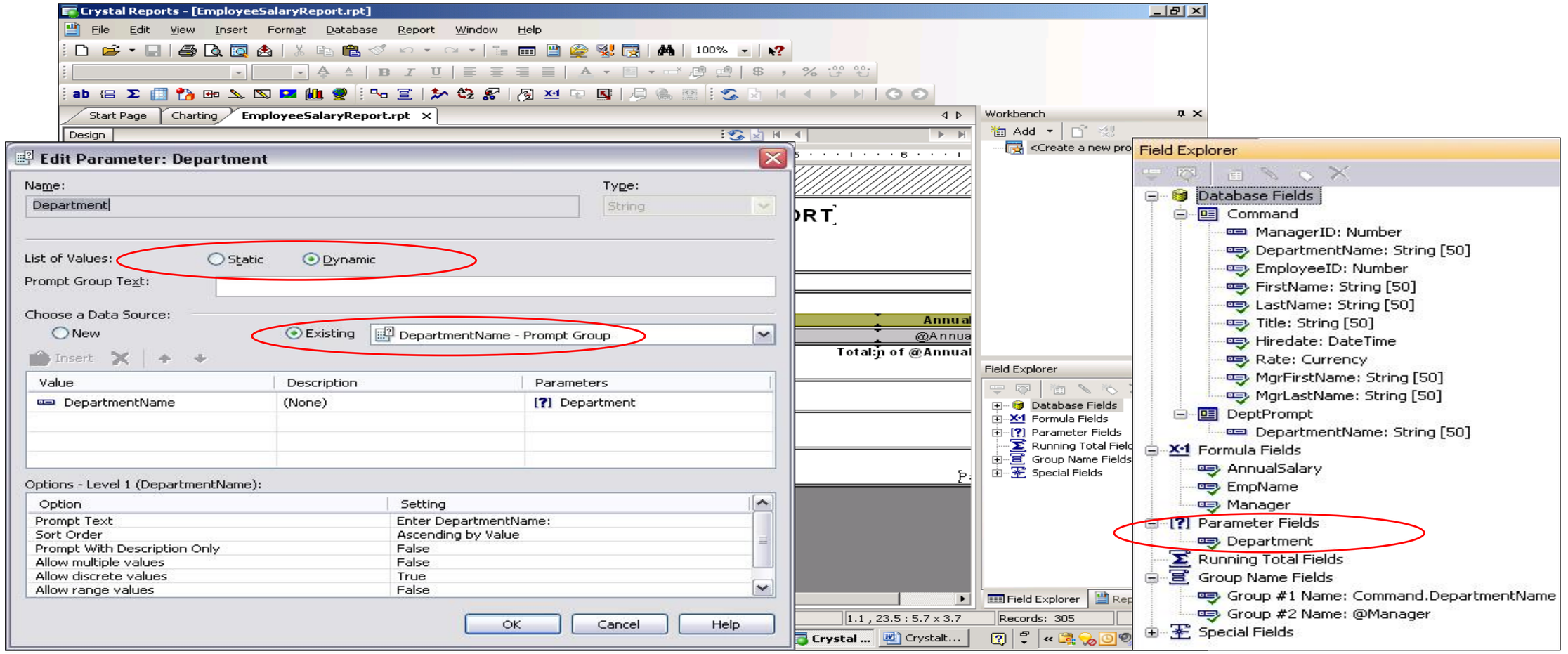
Convert Crystal SQL to BI Publisher Data Model



Sample Report Conversion

Convert Connection and Data Model

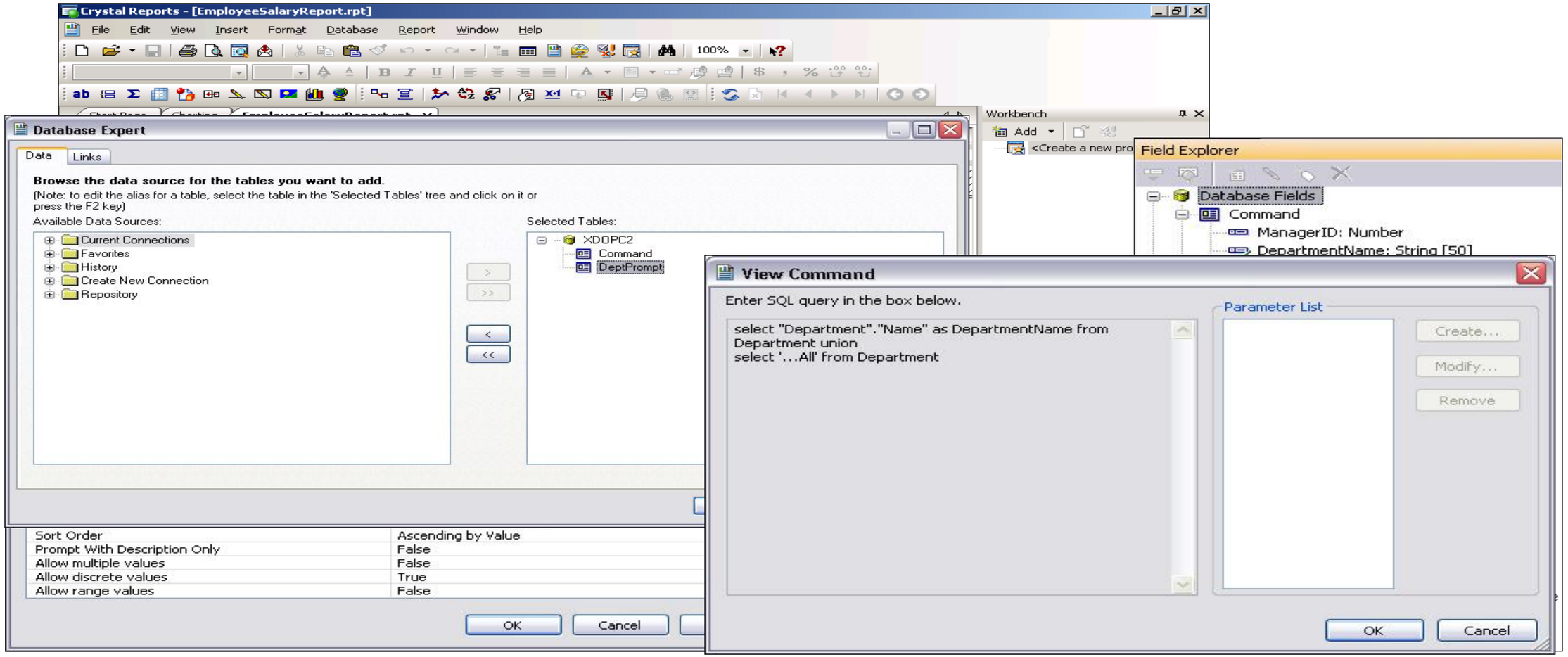
Convert Parameters



Sample Report Conversion

Convert Connection and Data Model

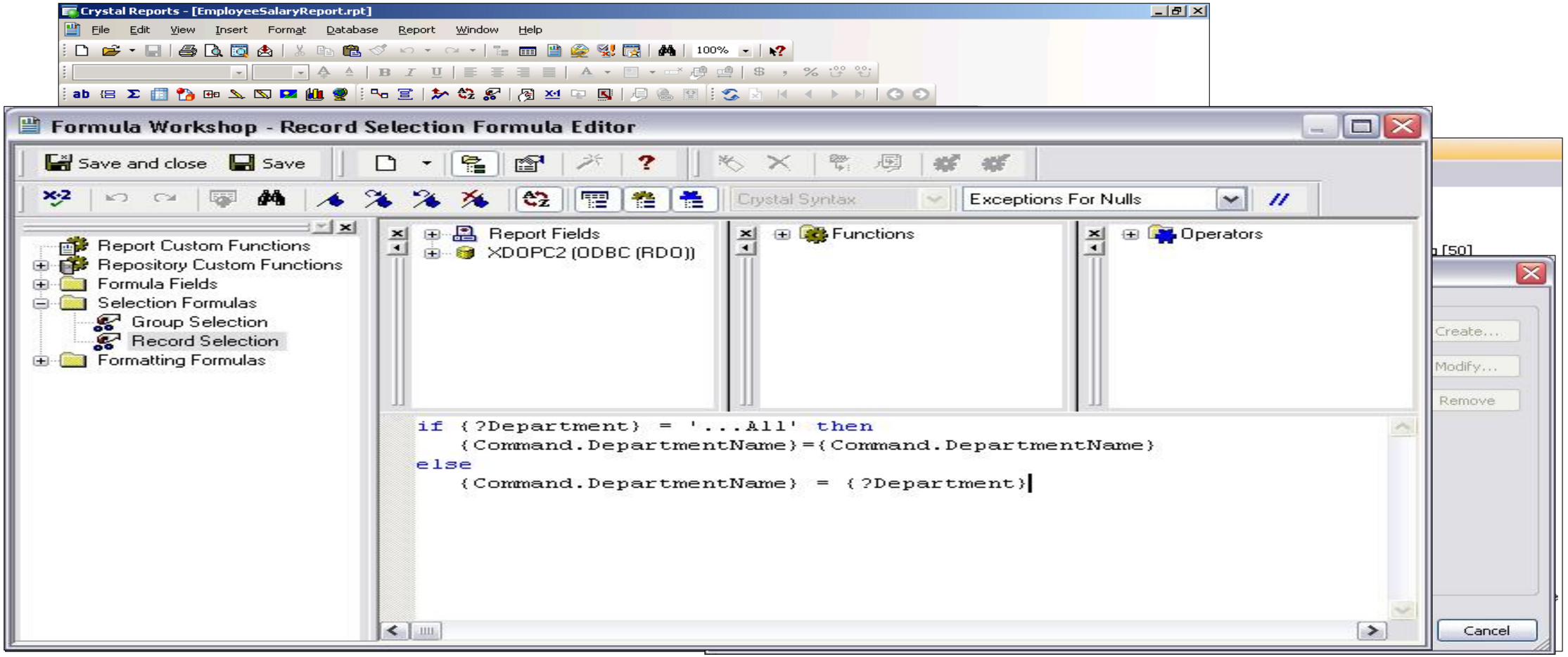
Convert Parameters



Sample Report Conversion

Convert Connection and Data Model

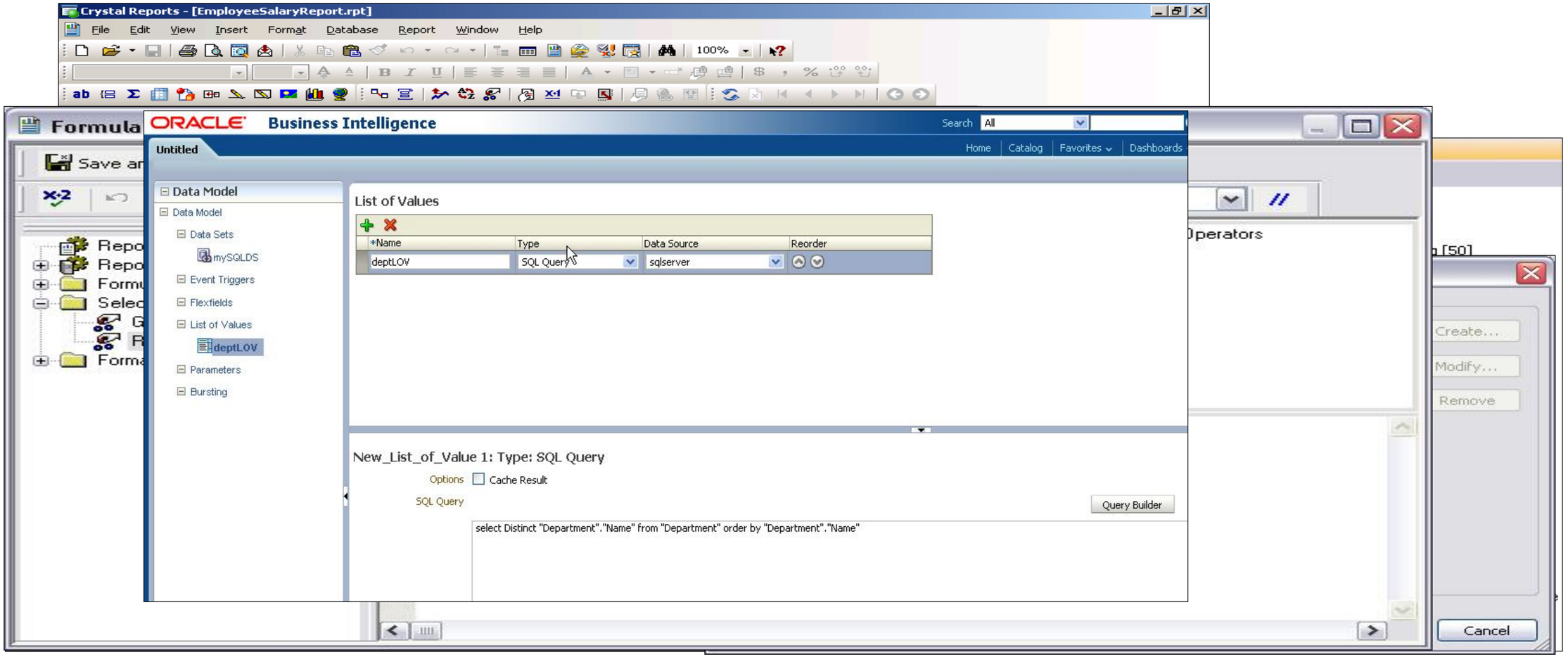
Convert Parameters



Sample Report Conversion

Convert Connection and Data Model

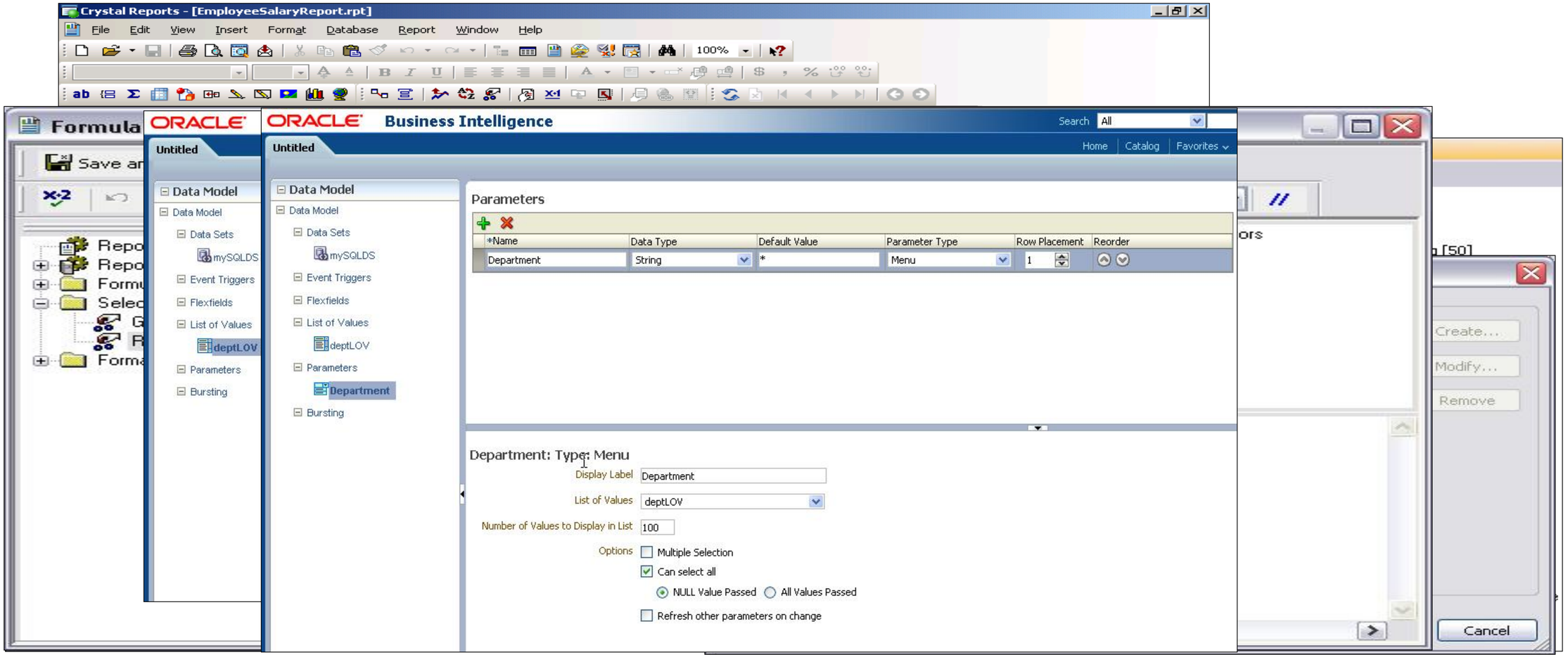
Convert Parameters



Sample Report Conversion

Convert Connection and Data Model

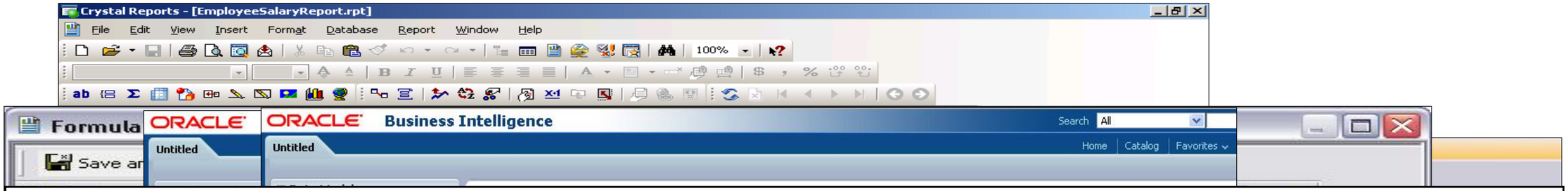
Convert Parameters



Sample Report Conversion

Convert Connection and Data Model

Convert Parameters

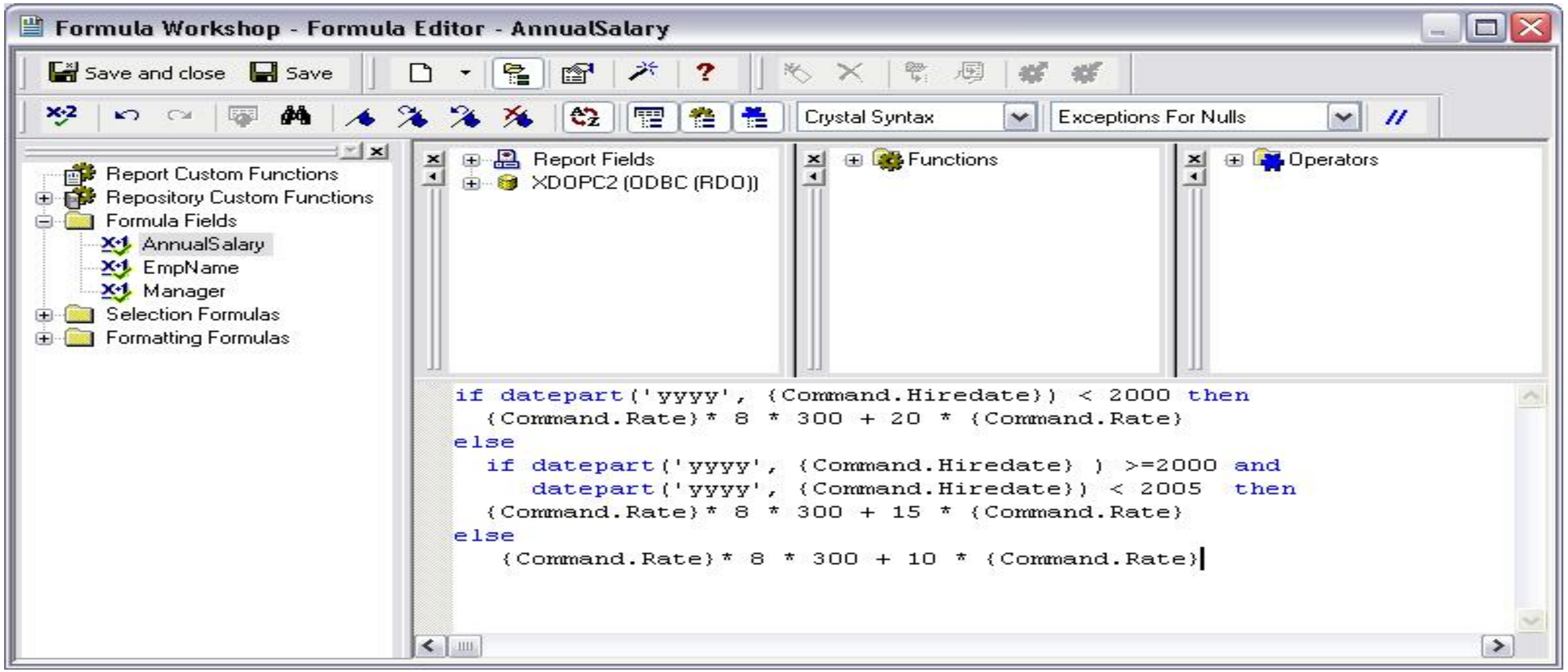



```
SELECT "Employee"."ManagerID", "Department"."Name" as DepartmentName, "Employee"."EmployeeID", "Contact"."FirstName",
   "Contact"."LastName","Employee"."Title", "Employee"."Hiredate", "EmployeePayHistory"."Rate", "Contact_1"."FirstName" MgrFirstName,
   "Contact_1"."LastName" MgrLastName

FROM ((("AdventureWorks"."HumanResources"."EmployeePayHistory" "EmployeePayHistory" INNER JOIN
   (("AdventureWorks"."HumanResources"."Department" "Department" INNER JOIN
   "AdventureWorks"."HumanResources"."EmployeeDepartmentHistory" "EmployeeDepartmentHistory" ON
   "Department"."DepartmentID"="EmployeeDepartmentHistory"."DepartmentID") INNER JOIN "AdventureWorks"."HumanResources"."Employee"
   "Employee" ON "EmployeeDepartmentHistory"."EmployeeID"="Employee"."EmployeeID") ON
   "EmployeePayHistory"."EmployeeID"="Employee"."EmployeeID") INNER JOIN "AdventureWorks"."Person"."Contact" "Contact" ON
   "Employee"."ContactID"="Contact"."ContactID") INNER JOIN "AdventureWorks"."HumanResources"."Employee" "Employee_1" ON
   "Employee"."ManagerID"="Employee_1"."EmployeeID") INNER JOIN "AdventureWorks"."Person"."Contact" "Contact_1" ON
   "Employee_1"."ContactID"="Contact_1"."ContactID"

where "EmployeePayHistory"."ModifiedDate" = (select max("EmployeePayHistory"."ModifiedDate") from "EmployeePayHistory" where
   "EmployeePayHistory"."EmployeeID"="Employee"."EmployeeID")

and "Department"."Name" = isNull(:Department,"Department"."Name")

ORDER BY "Department"."Name", "Employee"."ManagerID", "Employee"."EmployeeID"
```

Sample Report Conversion

Convert Connection and Data Model

Convert formulas

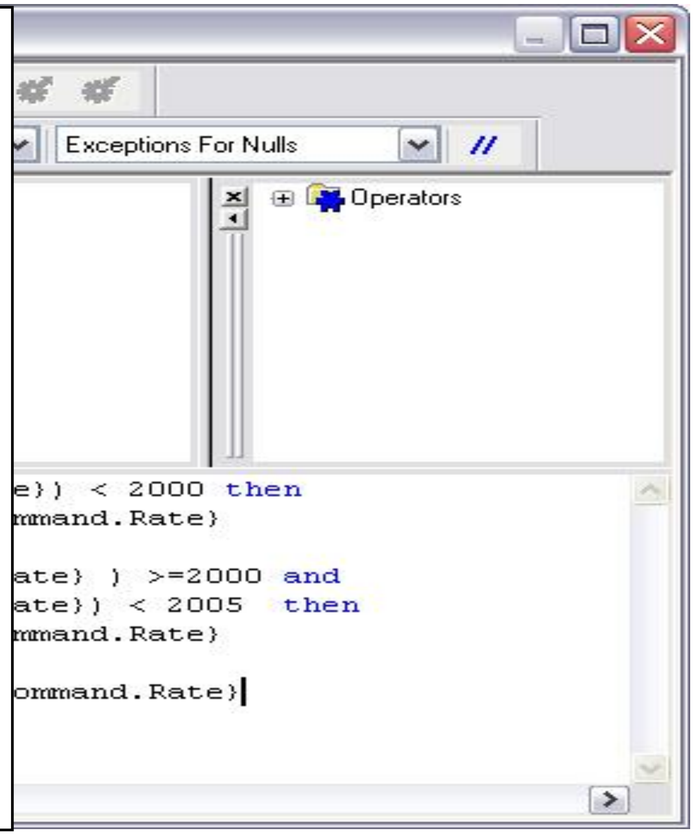


Sample Report Conversion

Convert Connection and Data Model

Convert formulas

```
CREATE FUNCTION f_AnnualSalary
( @Val1 float, @Val2 varchar(50))
RETURNS float
AS
BEGIN
  declare @sal float
   if datepart(yyyy,@Val2) < 2000
    (select @sal= @Val1 * 8 * 300 + @Val1 * 20)
   else
     if datepart(yyyy,@Val2) >= 2000 and datepart(yyyy,@Val2) < 2005
       (select @sal=@Val1 * 8 * 300 + @Val1 * 15)
     else
       (select @sal=@Val1 * 8 * 300 + @Val1 * 10)
 RETURN (@sal)
END
```



Sample Report Conversion

Convert Connection and Data Model

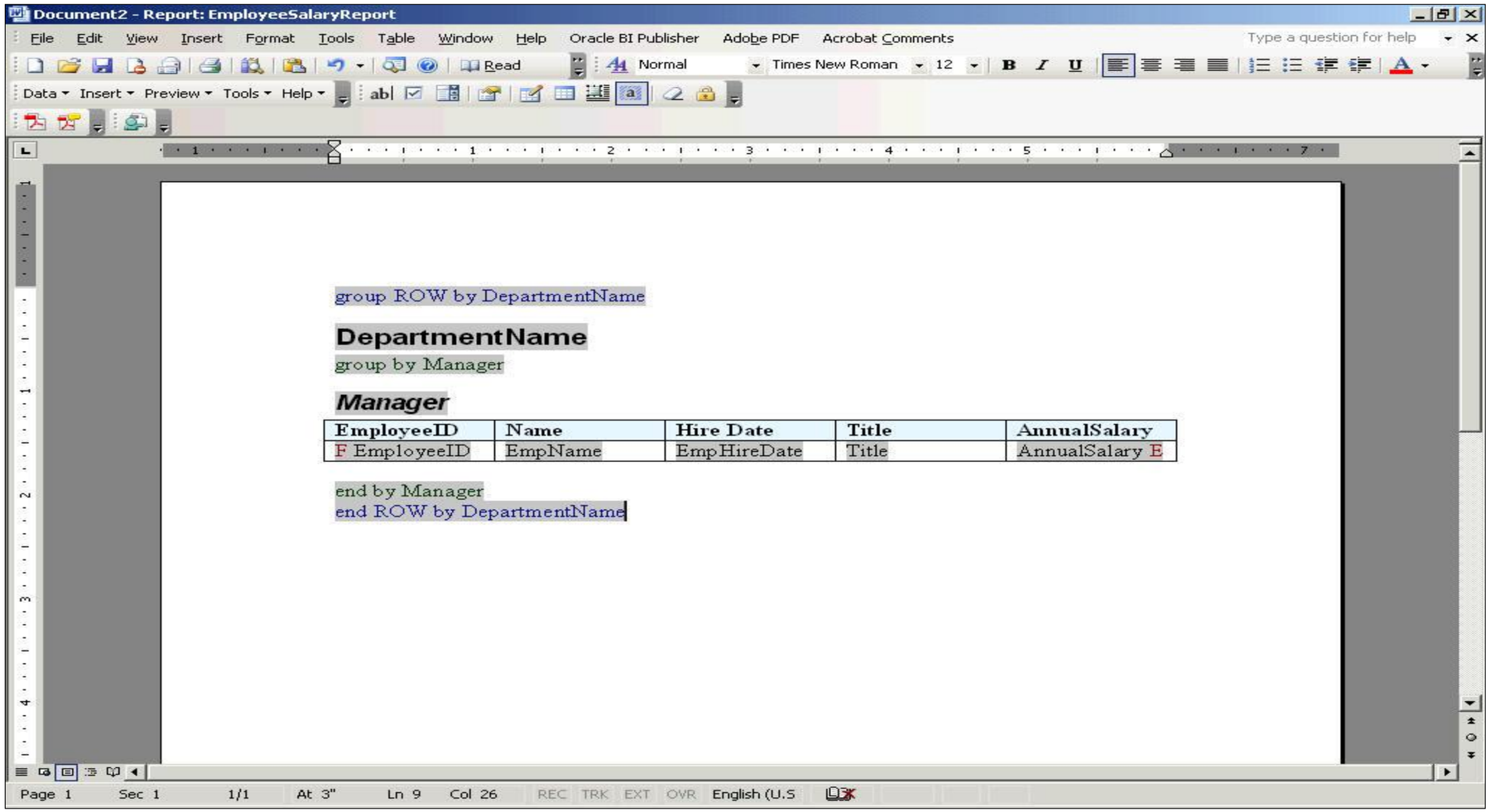
Convert formulas

```
CREATE FUNCTI(
( @Val1 float, @Va
RETURNS float
AS
BEGIN
  declare @sal floa
   if datepart(yyyy,@
    (select @sal= @
   else
     if datepart(yyyy
       (select @sal=(
     else
       (select @sal=(
 RETURN (@sal)
END
```

```
SELECT "Employee"."ManagerID", "Department"."Name" as DepartmentName, "Employee"."EmployeeID",
"Contact"."FirstName" + ' ' + "Contact"."LastName" EmpName,
"Employee"."Title", "Employee"."Hiredate" as EmpHireDate, "EmployeePayHistory"."Rate" Rate,
"Contact_1"."FirstName" + ' ' + "Contact_1"."LastName" Manager,
  "AdventureWorks"."dbo".f_annualsalary("EmployeePayHistory"."Rate", "Employee"."Hiredate") as AnnualSalary
FROM ((("AdventureWorks"."HumanResources"."EmployeePayHistory" "EmployeePayHistory" INNER JOIN
  (("AdventureWorks"."HumanResources"."Department" "Department" INNER JOIN
  "AdventureWorks"."HumanResources"."EmployeeDepartmentHistory" "EmployeeDepartmentHistory" ON
  "Department"."DepartmentID"="EmployeeDepartmentHistory"."DepartmentID") INNER JOIN
  "AdventureWorks"."HumanResources"."Employee" "Employee" ON
  "EmployeeDepartmentHistory"."EmployeeID"="Employee"."EmployeeID") ON
  "EmployeePayHistory"."EmployeeID"="Employee"."EmployeeID") INNER JOIN
  "AdventureWorks"."Person"."Contact" "Contact" ON "Employee"."ContactID"="Contact"."ContactID") INNER JOIN
  "AdventureWorks"."HumanResources"."Employee" "Employee_1" ON
  "Employee"."ManagerID"="Employee_1"."EmployeeID") INNER JOIN "AdventureWorks"."Person"."Contact"
  "Contact_1" ON "Employee_1"."ContactID"="Contact_1"."ContactID"
where "EmployeePayHistory"."ModifiedDate" = (select max("EmployeePayHistory"."ModifiedDate") from
  "EmployeePayHistory" where "EmployeePayHistory"."EmployeeID"="Employee"."EmployeeID") and
  "Department"."Name" = IsNull(:department, "Department"."Name")
ORDER BY "Department"."Name", "Employee"."ManagerID", "Employee"."EmployeeID"
```

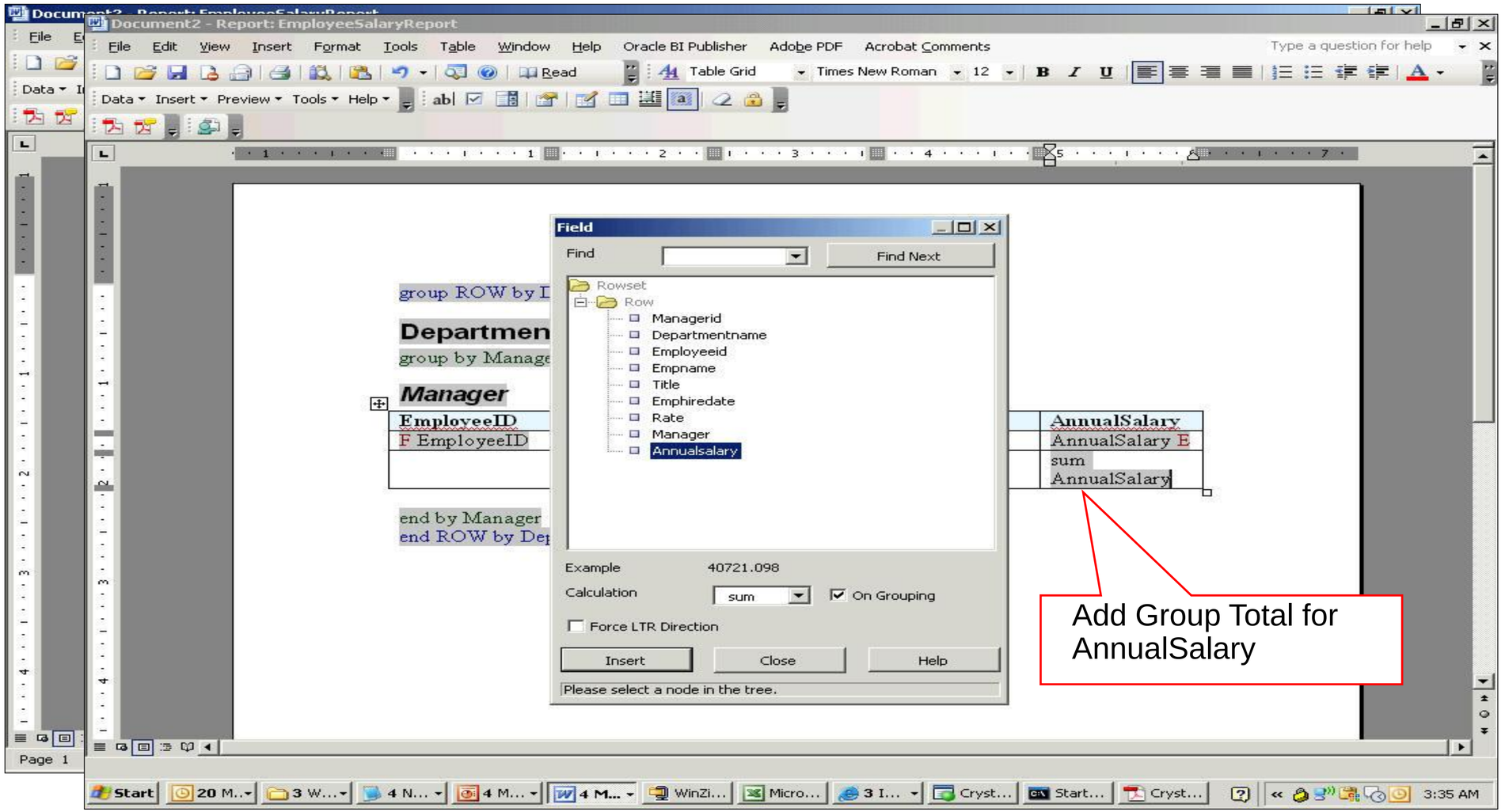
Sample Report Conversion

Convert Layout



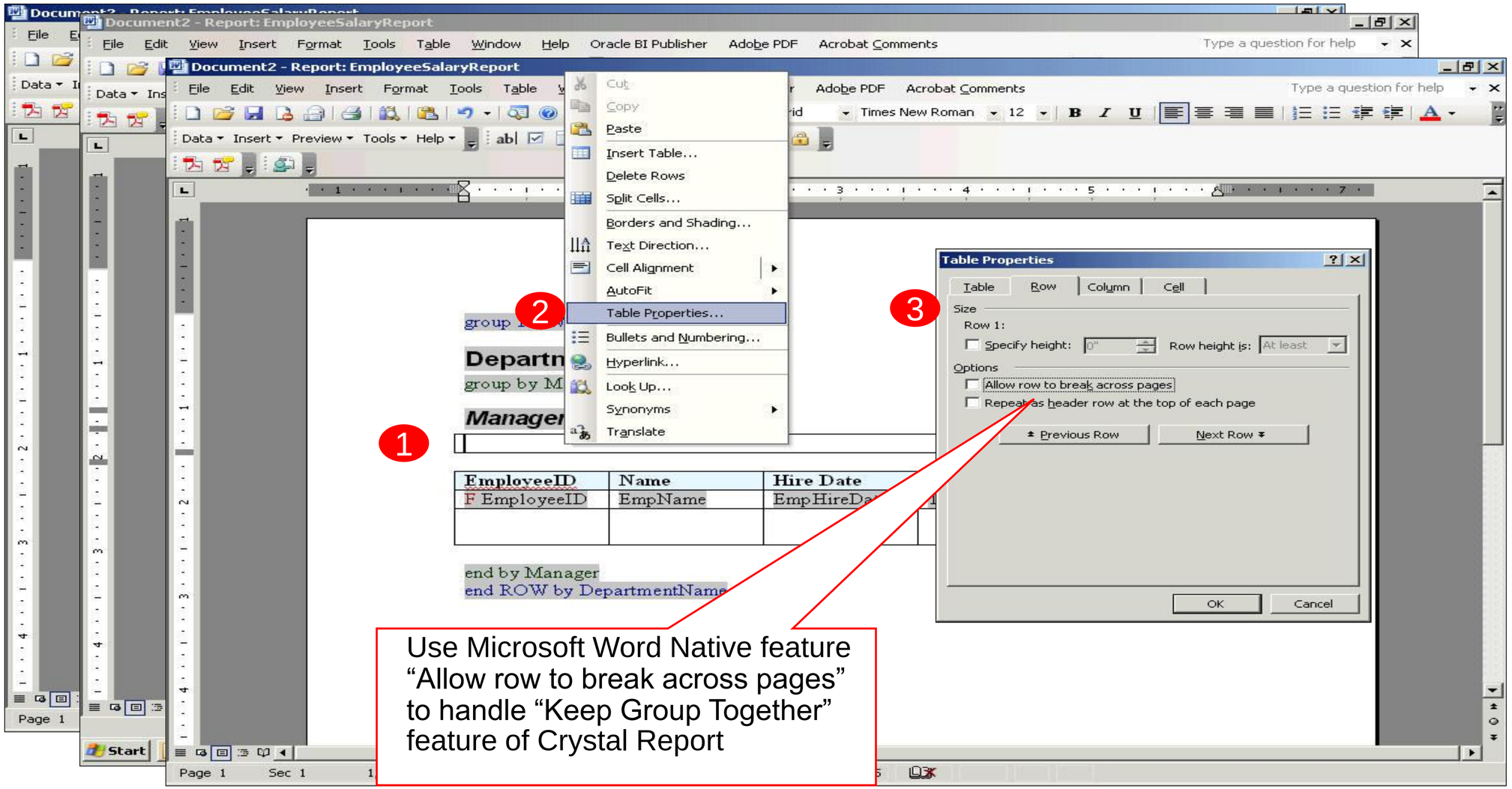
Sample Report Conversion

Convert Layout



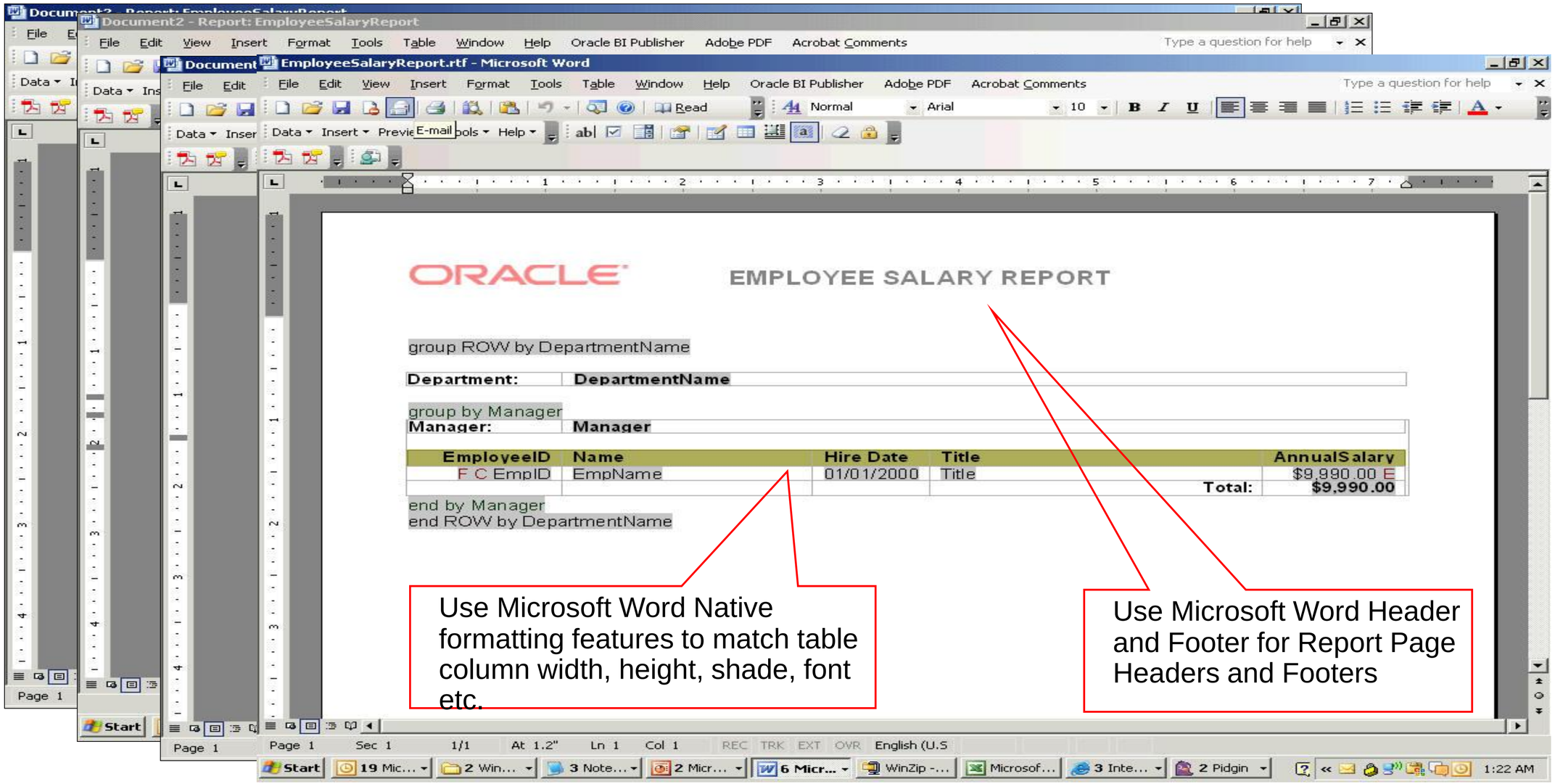
Sample Report Conversion

Convert Layout



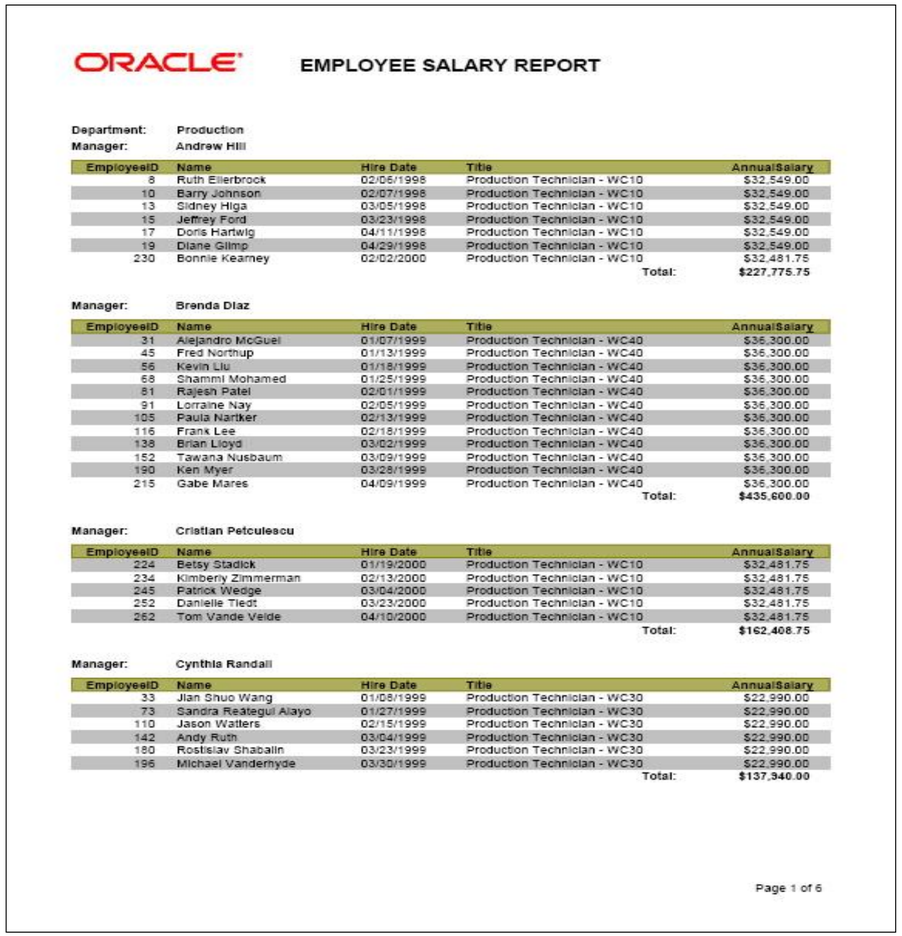
Sample Report Conversion

Convert Layout



Sample Report Conversion

Side by side comparison



ORACLE

EMPLOYEE SALARY REPORT

Department: Production
Manager: Andrew Hill

EmployeeID	Name	Hire Date	Title	AnnualSalary
8	Ruth Ellerbrock	02/06/1998	Production Technician - WC10	$32,549.00
10	Barry Johnson	02/07/1998	Production Technician - WC10	$32,549.00
13	Sidney Higa	03/05/1998	Production Technician - WC10	$32,549.00
15	Jeffrey Ford	03/23/1998	Production Technician - WC10	$32,549.00
17	Doris Hartwig	04/11/1998	Production Technician - WC10	$32,549.00
19	Diane Glimp	04/29/1998	Production Technician - WC10	$32,549.00
230	Bonnie Kearney	02/02/2000	Production Technician - WC10	$32,481.75
			Total:	$227,775.75

Manager: Brenda Diaz

EmployeeID	Name	Hire Date	Title	AnnualSalary
31	Alejandro McGuel	01/07/1999	Production Technician - WC40	$36,300.00
45	Fred Northup	01/13/1999	Production Technician - WC40	$36,300.00
56	Kevin Liu	01/18/1999	Production Technician - WC40	$36,300.00
68	Shammi Mohamed	01/25/1999	Production Technician - WC40	$36,300.00
81	Rajesh Patel	02/01/1999	Production Technician - WC40	$36,300.00
91	Lorraine Nay	02/05/1999	Production Technician - WC40	$36,300.00
105	Paula Nartker	02/13/1999	Production Technician - WC40	$36,300.00
116	Frank Lee	02/18/1999	Production Technician - WC40	$36,300.00
136	Brian Lloyd	03/02/1999	Production Technician - WC40	$36,300.00
152	Tawana Nusbaum	03/09/1999	Production Technician - WC40	$36,300.00
190	Ken Myer	03/28/1999	Production Technician - WC40	$36,300.00
215	Gabe Mares	04/09/1999	Production Technician - WC40	$36,300.00
			Total:	$435,600.00

Manager: Cristian Petculescu

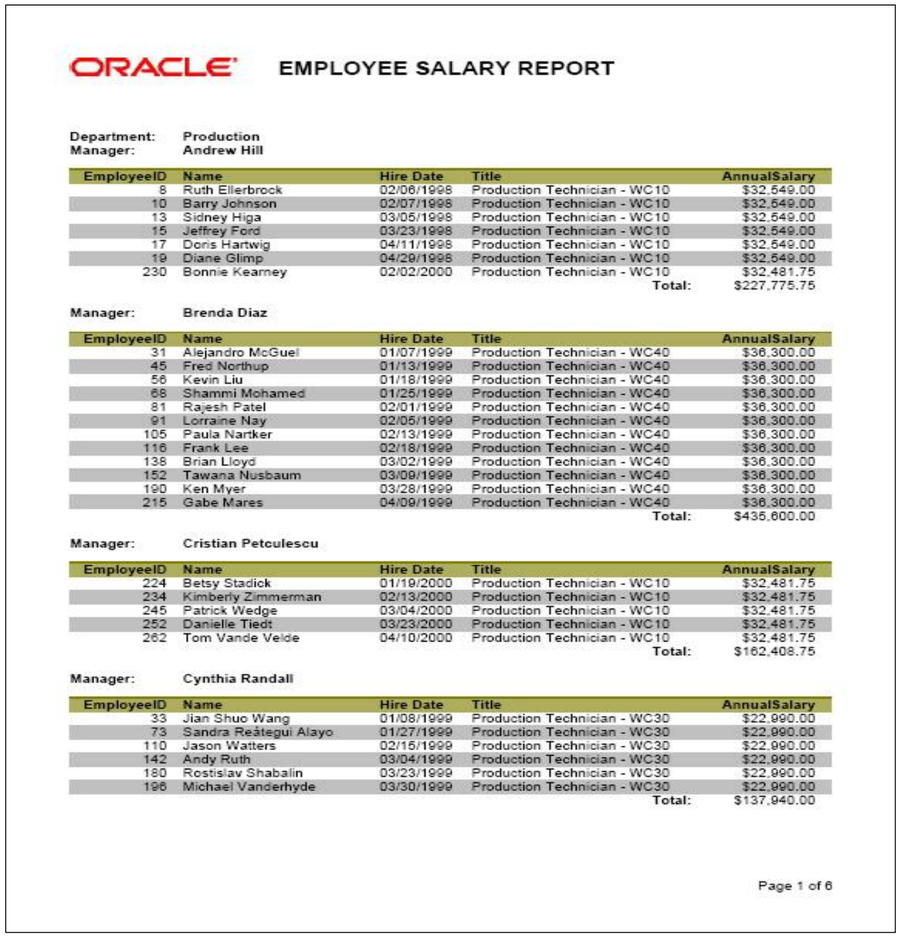
EmployeeID	Name	Hire Date	Title	AnnualSalary
224	Betsy Stadick	01/19/2000	Production Technician - WC10	$32,481.75
234	Kimberly Zimmerman	02/13/2000	Production Technician - WC10	$32,481.75
245	Patrick Wedge	03/04/2000	Production Technician - WC10	$32,481.75
252	Danielle Tiedt	03/23/2000	Production Technician - WC10	$32,481.75
262	Tom Vande Velde	04/10/2000	Production Technician - WC10	$32,481.75
			Total:	$162,408.75

Manager: Cynthia Randall

EmployeeID	Name	Hire Date	Title	AnnualSalary
33	Jian Shuo Wang	01/08/1999	Production Technician - WC30	$22,990.00
73	Sandra Reátegui Alayo	01/27/1999	Production Technician - WC30	$22,990.00
110	Jason Watters	02/15/1999	Production Technician - WC30	$22,990.00
142	Andy Ruth	03/04/1999	Production Technician - WC30	$22,990.00
180	Rostislav Shabalin	03/23/1999	Production Technician - WC30	$22,990.00
196	Michael Vanderhyde	03/30/1999	Production Technician - WC30	$22,990.00
			Total:	$137,940.00

Page 1 of 6

Crystal Report Output



ORACLE

EMPLOYEE SALARY REPORT

Department: Production
Manager: Andrew Hill

EmployeeID	Name	Hire Date	Title	AnnualSalary
8	Ruth Ellerbrock	02/06/1998	Production Technician - WC10	$32,549.00
10	Barry Johnson	02/07/1998	Production Technician - WC10	$32,549.00
13	Sidney Higa	03/05/1998	Production Technician - WC10	$32,549.00
15	Jeffrey Ford	03/23/1998	Production Technician - WC10	$32,549.00
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19	Diane Glimp	04/29/1998	Production Technician - WC10	$32,549.00
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			Total:	$227,775.75

Manager: Brenda Diaz

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56	Kevin Liu	01/18/1999	Production Technician - WC40	$36,300.00
68	Shammi Mohamed	01/25/1999	Production Technician - WC40	$36,300.00
81	Rajesh Patel	02/01/1999	Production Technician - WC40	$36,300.00
91	Lorraine Nay	02/05/1999	Production Technician - WC40	$36,300.00
105	Paula Nartker	02/13/1999	Production Technician - WC40	$36,300.00
116	Frank Lee	02/18/1999	Production Technician - WC40	$36,300.00
136	Brian Lloyd	03/02/1999	Production Technician - WC40	$36,300.00
152	Tawana Nusbaum	03/09/1999	Production Technician - WC40	$36,300.00
190	Ken Myer	03/28/1999	Production Technician - WC40	$36,300.00
215	Gabe Mares	04/09/1999	Production Technician - WC40	$36,300.00
			Total:	$436,600.00

Manager: Cristian Petculescu

EmployeeID	Name	Hire Date	Title	AnnualSalary
224	Betsy Stadick	01/19/2000	Production Technician - WC10	$32,481.75
234	Kimberly Zimmerman	02/13/2000	Production Technician - WC10	$32,481.75
245	Patrick Wedge	03/04/2000	Production Technician - WC10	$32,481.75
252	Danielle Tiedt	03/23/2000	Production Technician - WC10	$32,481.75
262	Tom Vande Velde	04/10/2000	Production Technician - WC10	$32,481.75
			Total:	$162,408.75

Manager: Cynthia Randall

EmployeeID	Name	Hire Date	Title	AnnualSalary
33	Jian Shuo Wang	01/08/1999	Production Technician - WC30	$22,990.00
73	Sandra Reátegui Alayo	01/27/1999	Production Technician - WC30	$22,990.00
110	Jason Watters	02/15/1999	Production Technician - WC30	$22,990.00
142	Andy Ruth	03/04/1999	Production Technician - WC30	$22,990.00
180	Rostislav Shabalin	03/23/1999	Production Technician - WC30	$22,990.00
196	Michael Vanderhyde	03/30/1999	Production Technician - WC30	$22,990.00
			Total:	$137,940.00

Page 1 of 6

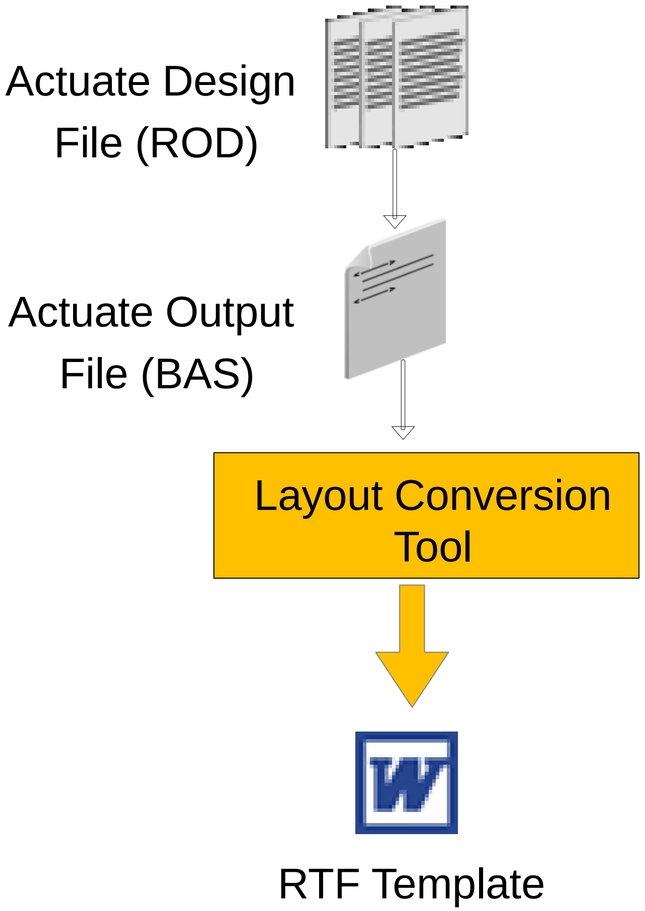
BI Publisher Report Output

Agenda

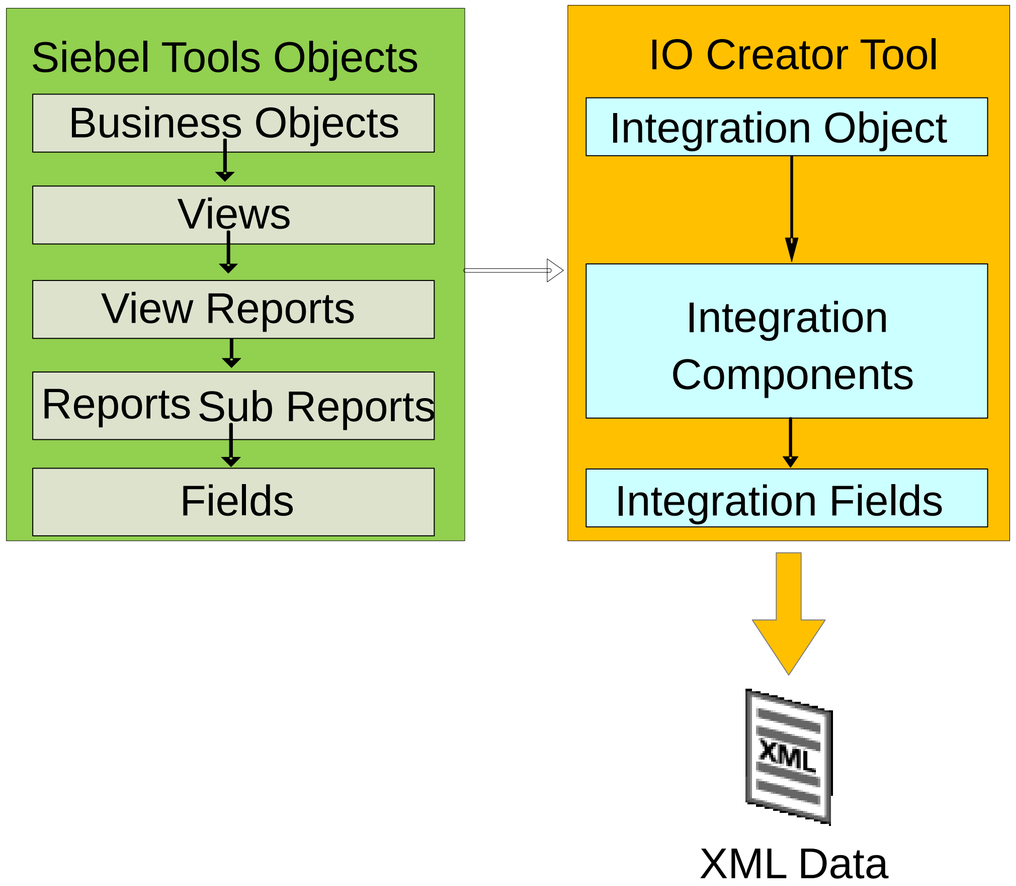
- Why convert to BI Publisher?
- Conversion Plan
- Convert Oracle Reports
- Convert Crystal Reports
- Convert Actuate

Convert Actuate Report

Layout Conversion



Data Conversion



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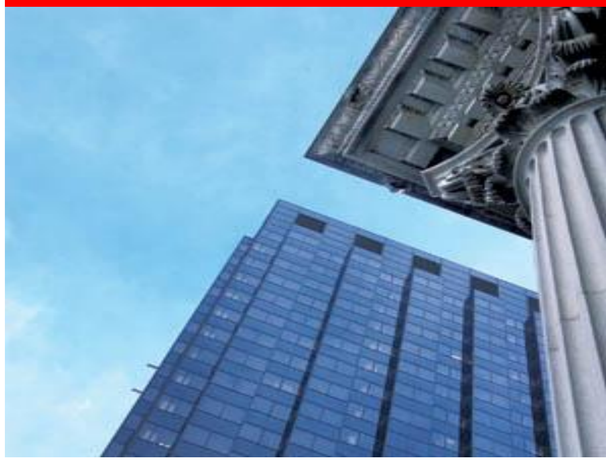
Appendix



- “Converting Reports from Oracle Reports to Oracle BI Publisher” - Report Designer’ s Guide - http://www.oracle.com/technology/products/xml-publisher
- Siebel Reports 8.1.1 Bookshelf - http://download.oracle.com/docs/cd/E14004_01/books/Reports/ReportsTOC.html
- Actuate Conversion Assistant Download - https://metalink3.oracle.com/od/faces/index.jspx patch # 8288024
- “Converting reports from Business Objects Crystal Reports to Oracle BI Publisher” http://download.oracle.com/otndocs/xmlp/CrystaltoBIP.pdf
- “Reports6i to BIP GUI Conversion Utilities” – Ike Wiggins’ Blog http://bipublisher.blogspot.com/2009/05/bi-publisher-reports6i-to-bip.html

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