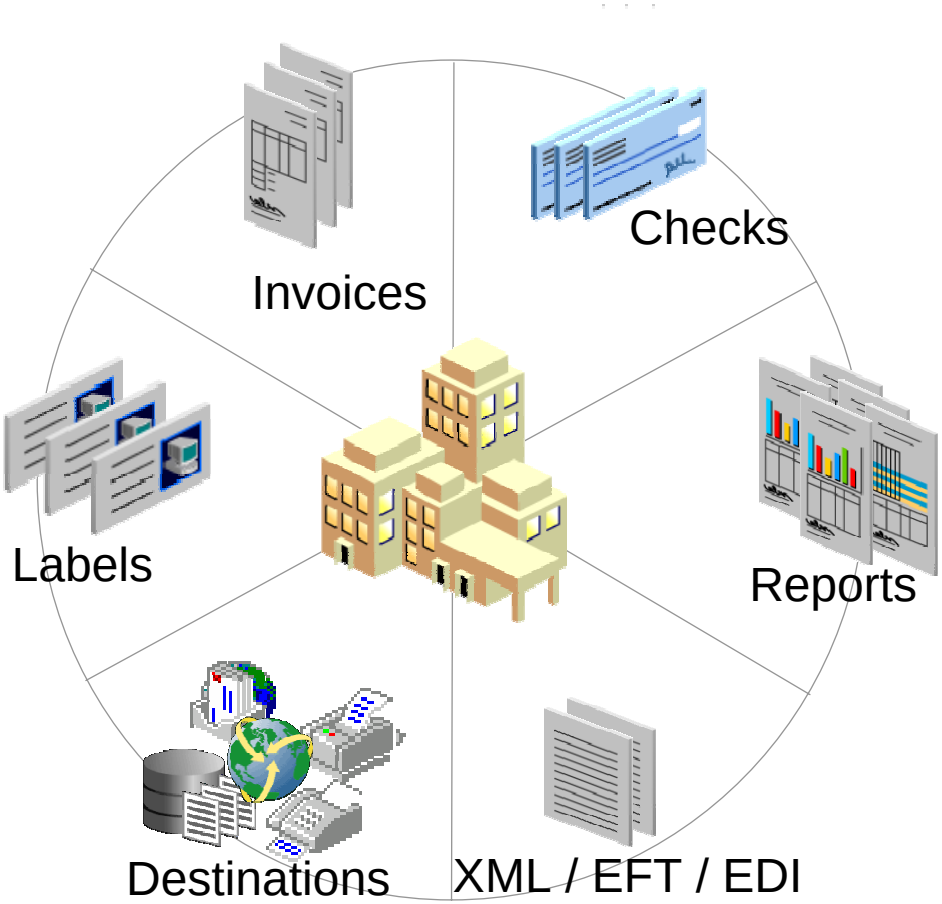
Oracle BI Publisher

Enterprise Reporting and Delivery

Reporting Architectures

Business Document Requirements

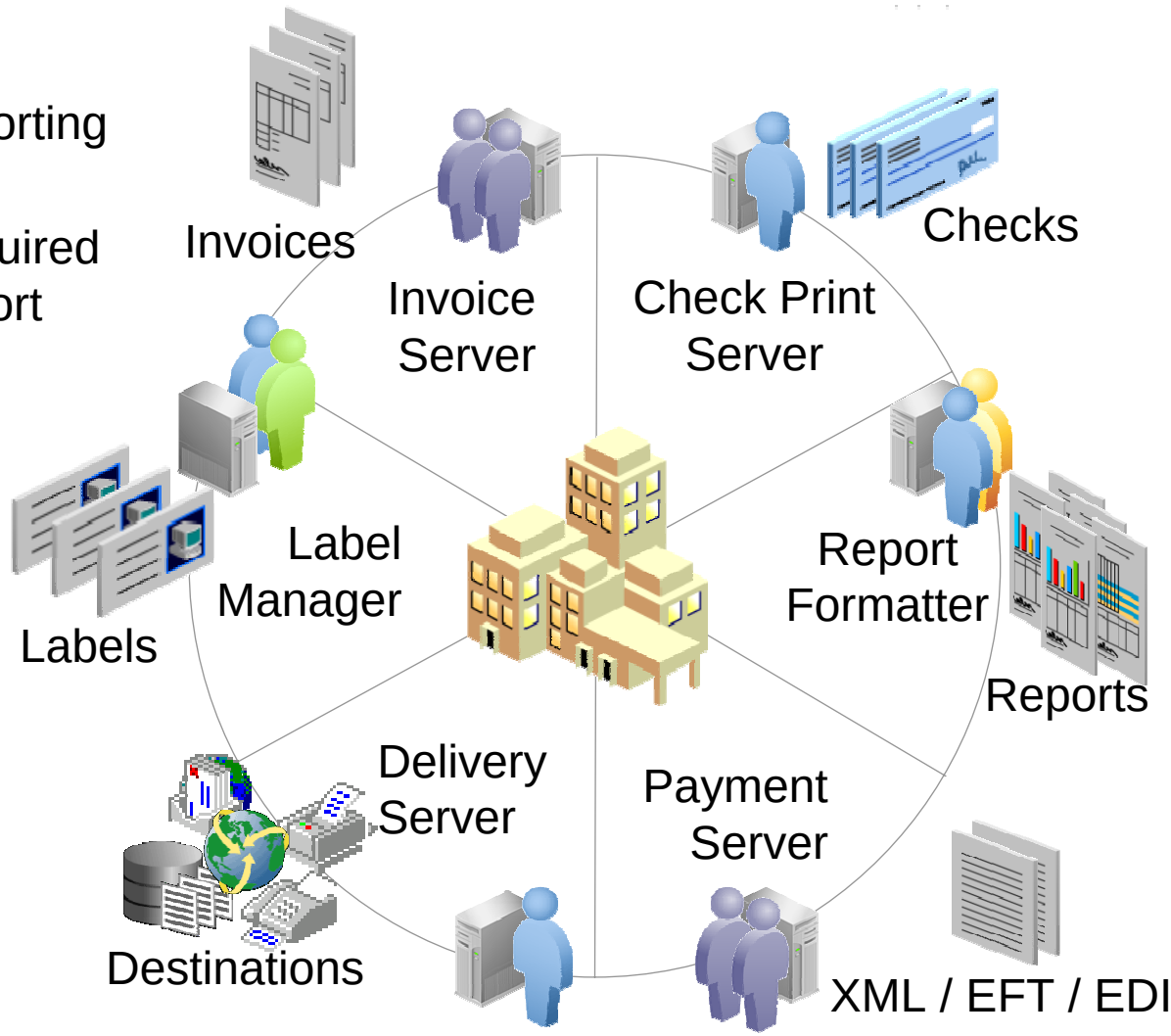
- High Fidelity Reports
- Partner Reports
- Financial Statements
- Government forms
- Marketing materials
- Contracts
- Checks, Labels
- XML
- EFT / EDI
- Multiple destinations



Complex Reporting Environments

- Have to rely on multiple reporting solutions
- Highly-skilled engineers required to maintain servers and report formats
- No one system can do that

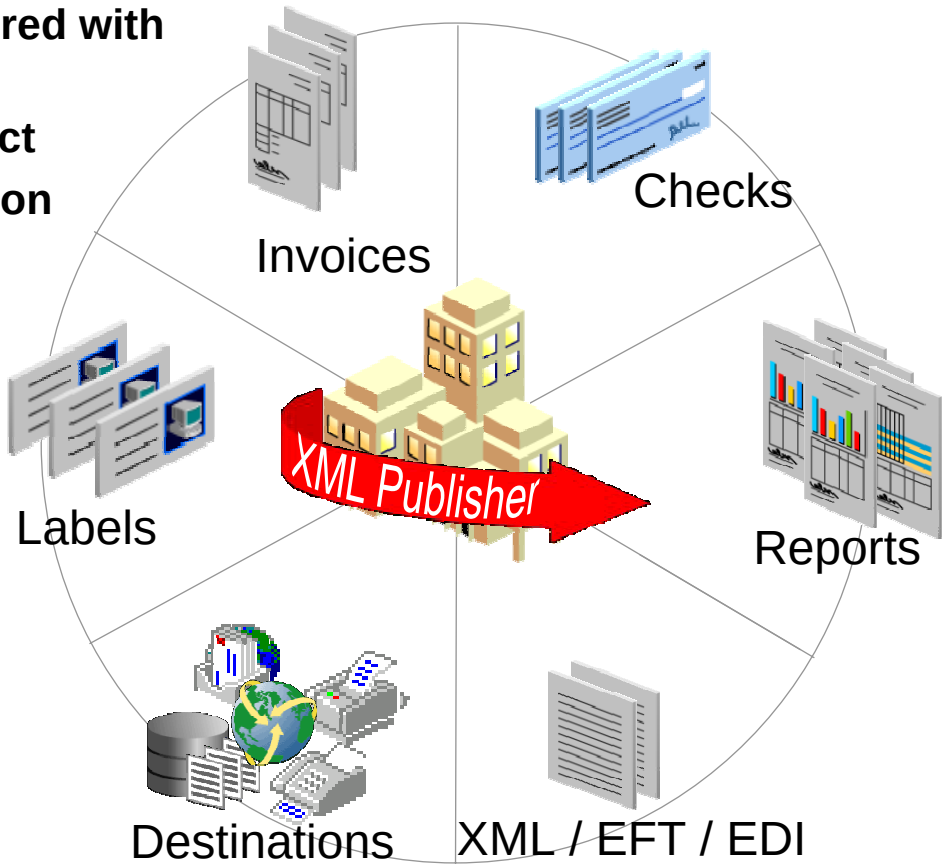
- Costly
- Time consuming
- Complex systems
- Expensive maintenance
- Labor intensive



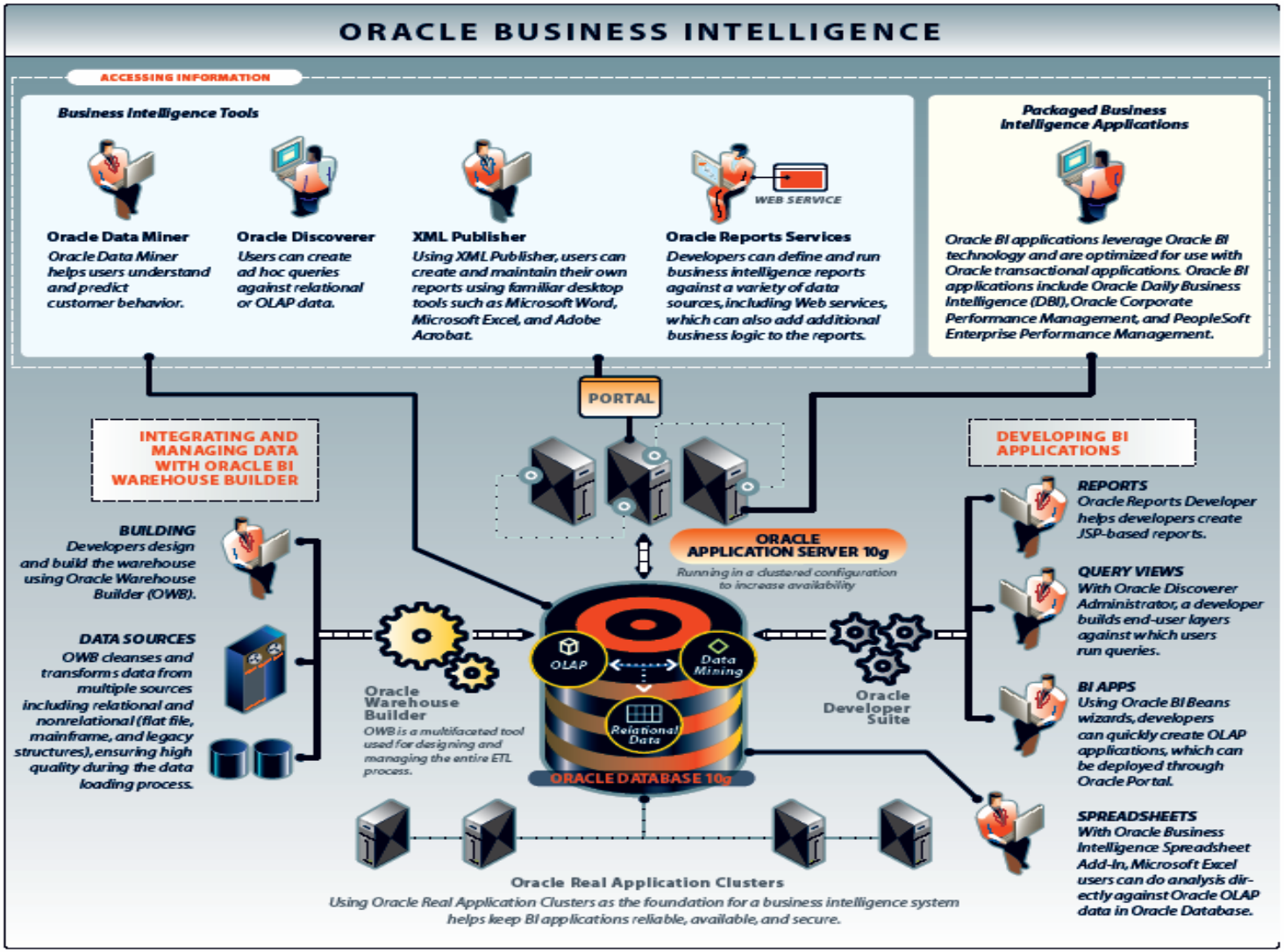
Single Solution Environment

- **Oracle BI Publisher Authoring, Managing & Delivering Your Business Documents**
- **Reporting solution originally delivered with Apps 11i**
- **Now available as standalone product**
- **Part of the Application Server (Fusion Middleware) Family**
- **Report Authoring**
- **Report Managing**
- **Report Delivering**
- **New with 5.6 : XMLP Enterprise**

✓ Meet Business Requirements
✓ Remove Complexity
✓ Reduce Maintenance Cost
✓ Reduce Total Cost



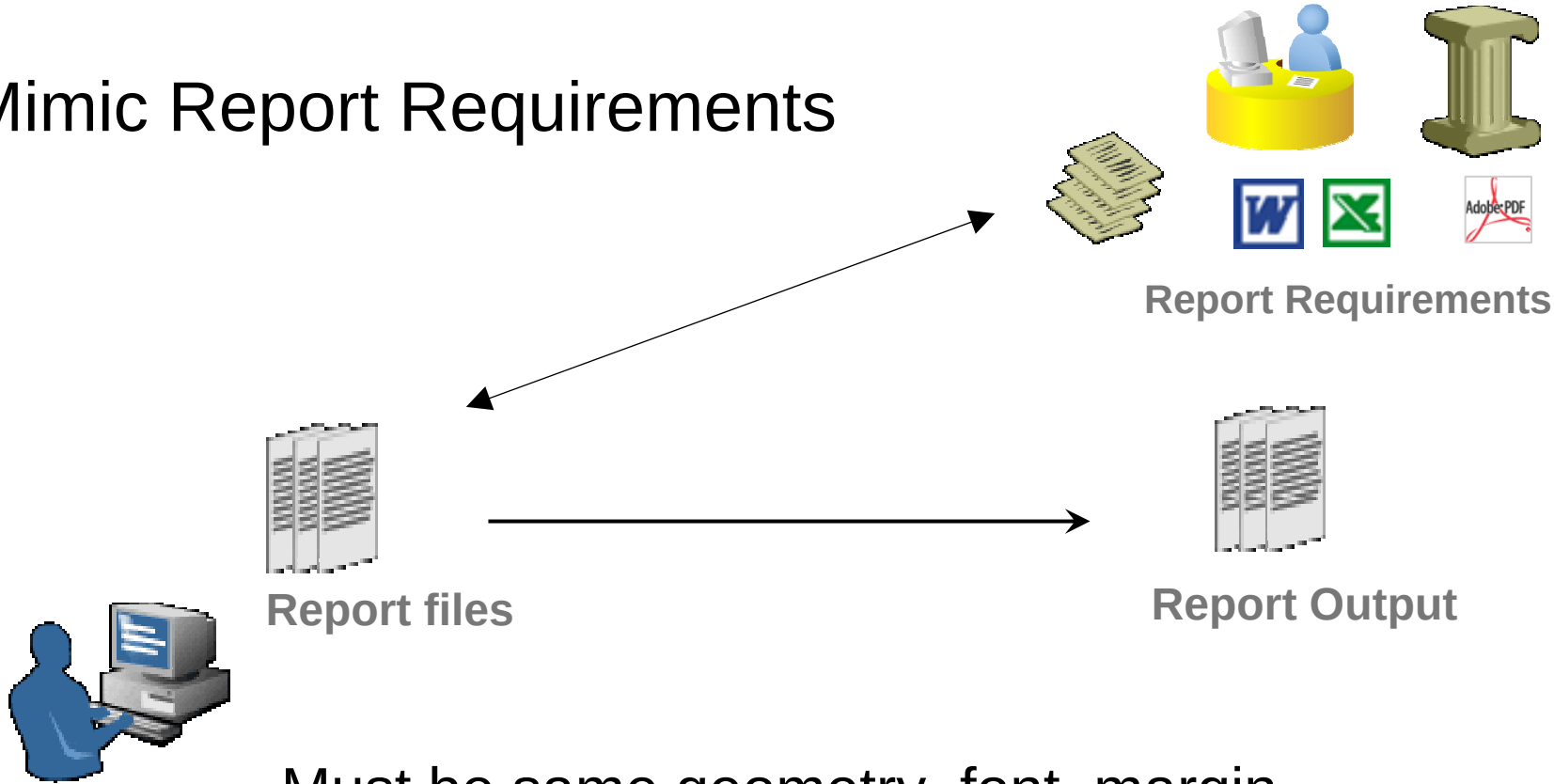
Part of Oracle Business Intelligence



Report Development

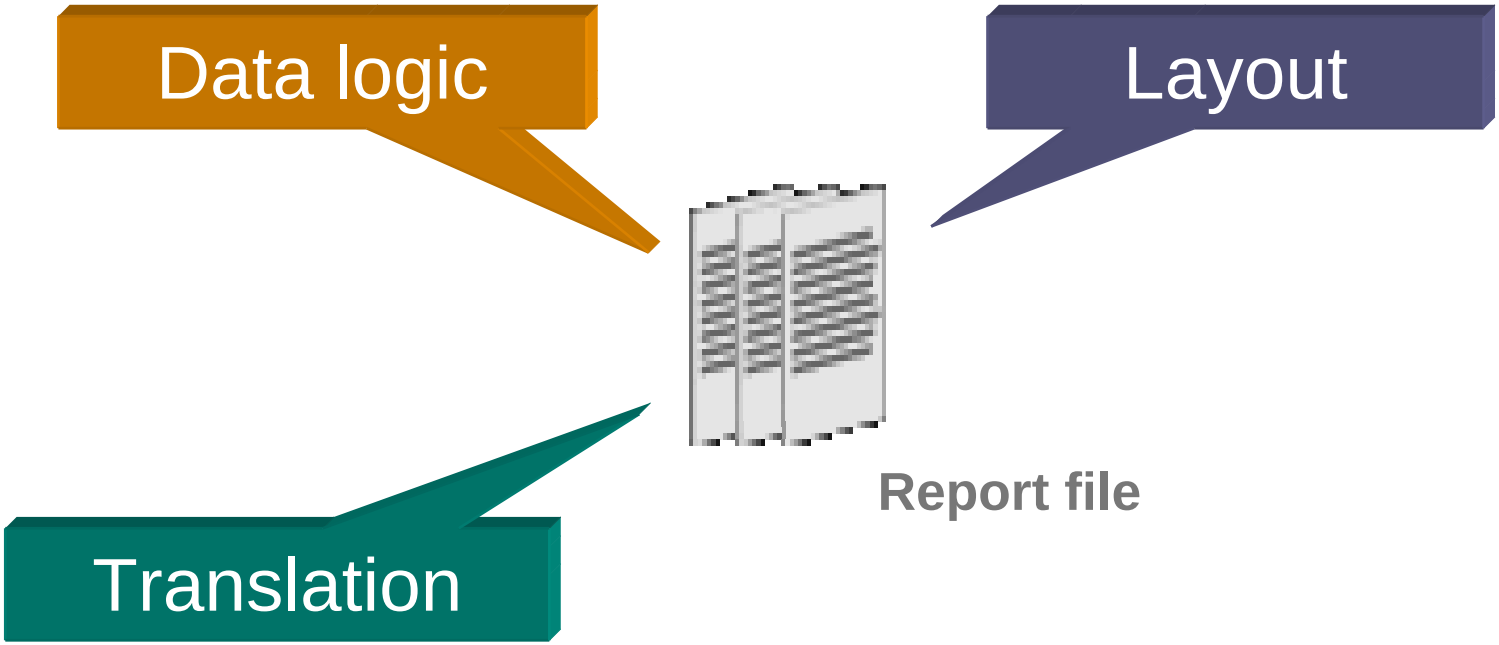
Report Development Today

Mimic Report Requirements



Must be same geometry, font, margin size, etc.

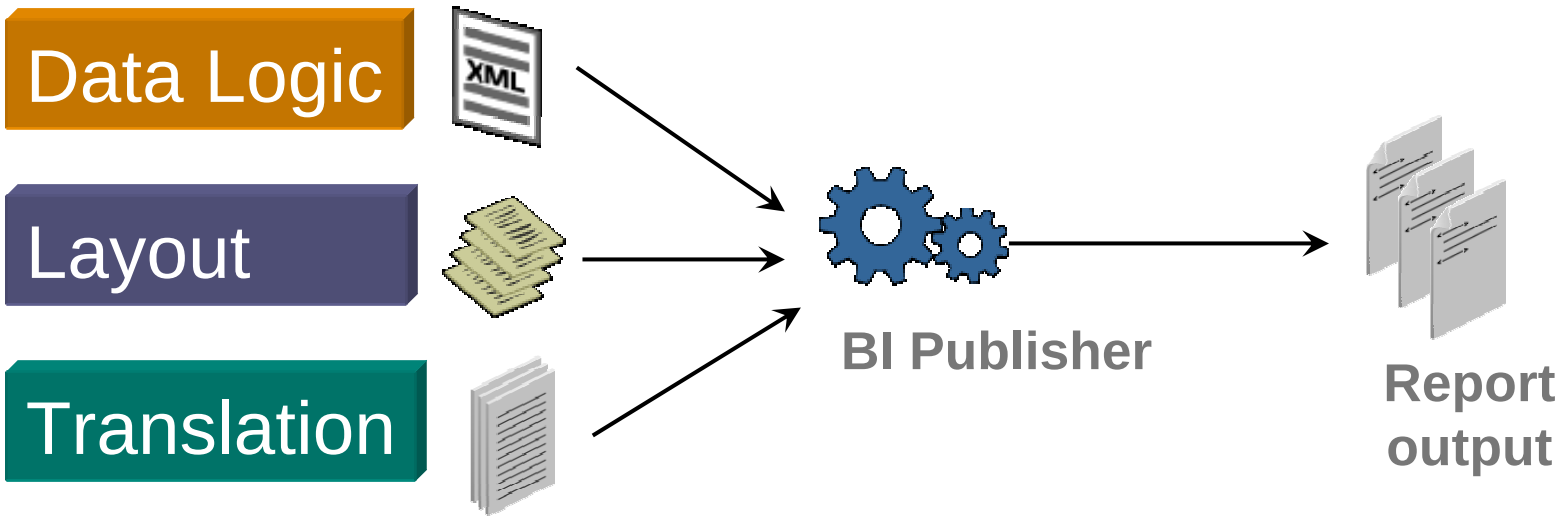
Today's Reporting Issues



- High development cost
- High customization cost
- Difficult upgrade

Oracle Publisher Paradigm

Separate data / layout / UI translation

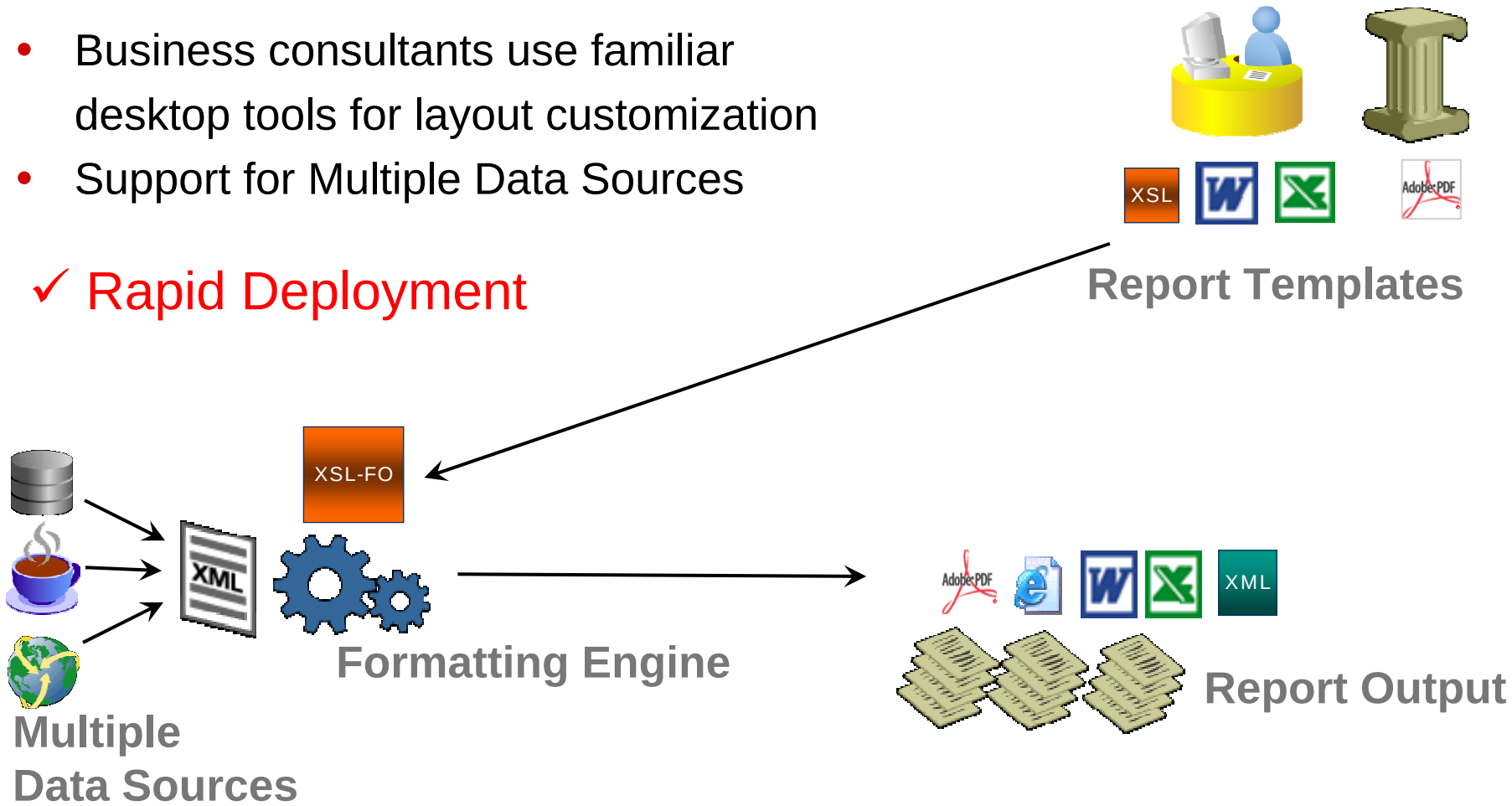


✓Flexibility
✓Reduced maintenance

Oracle Publisher Development

- Business consultants use familiar desktop tools for layout customization
- Support for Multiple Data Sources

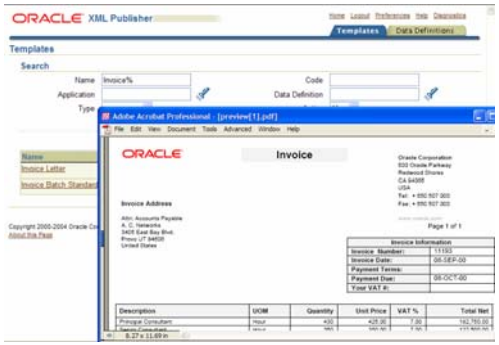
✓ Rapid Deployment



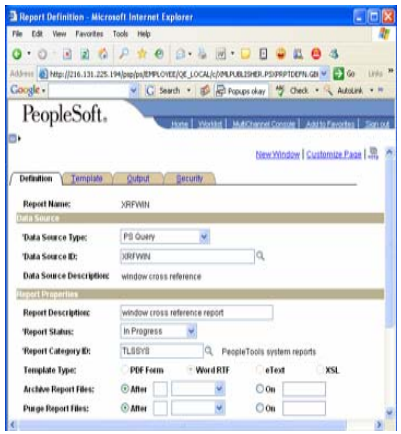
Deployment Options

Flexible Deployment Options…

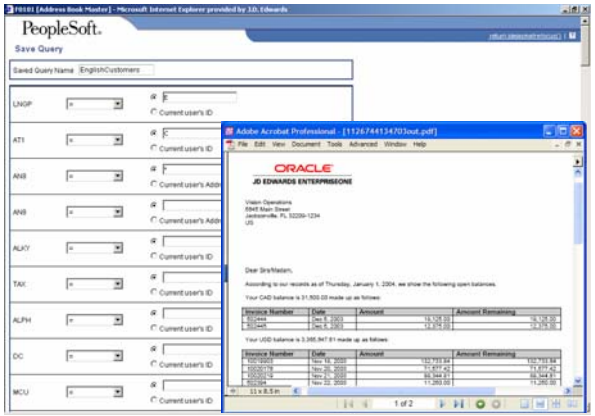
Publisher for E-Business Suite



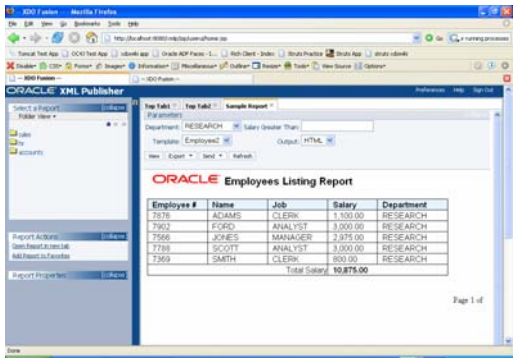
Publisher for Peoplesoft



Publisher for J.D. Edwards



Oracle Publisher



Publisher Embedded

BI Publisher for Applications

Fusion Technology … Integrated Within Your Application

ORACLE
E-BUSINESS SUITE

- **Publisher for Oracle E-Business Suite**
  - Integrated with Concurrent Manager
  - Tightly integrated with all Applications Modules
  - Central Repository for managing Data / Layout
  - Translation & configuration management

ORACLE
PEOPLESOFT ENTERPRISE

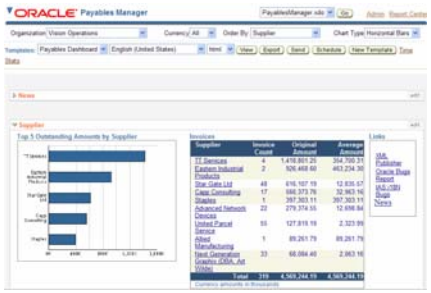
- **Publisher for Peoplesoft Enterprise**
  - Integrated with Process Scheduler / Report Manager
  - Publish Peoplesoft Queries and Row Sets
  - Report bursting
  - Security join tables
  - Template Manager with effective dates support

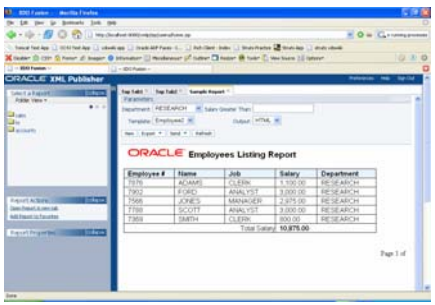
ORACLE
JD EDWARDS ENTERPRISEONE

- **Publisher for J.D. Edwards Enterprise**
  - Integrated with EOne Queries
  - Support Queries save through data browser
  - Row and business unit security

BI Publisher Enterprise

… Many Options … One Powerful Engine!

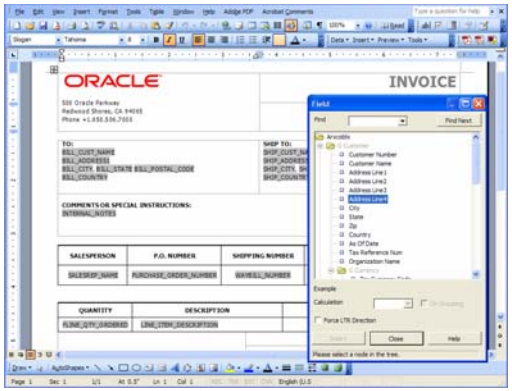




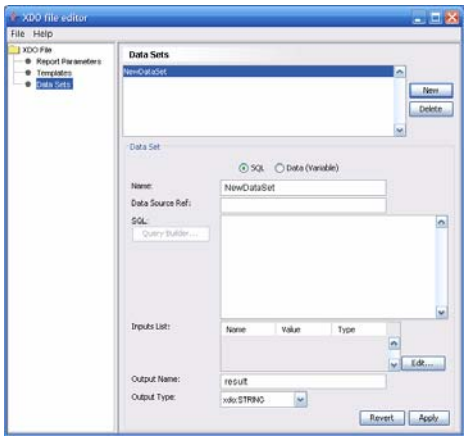
- Publisher Embedded: Custom Development
  - Powerful formatting engines
  - High Performance data extraction engine
  - Batch processing, and Bursting
  - Delivery API for email, fax, printing, ftp, AS2, etc…
  - Based on Open Standards: Java, XML, XSL, FO, RTF, PDF
- Oracle Publisher Server: Interactive Reporting
  - Easy and fast deployment
  - Any J2EE container
  - Configure Repository on XMLDB or File System
  - Data from Multiple DBs in the same Report (Oracle, DB2 ..)
  - Multiple Output Formats / Multiple delivery options
  - Fusion Architecture, Hot-Pluggable Services
  - Database and Application Server independent
  - Very advance Security and Administrative options
  - Integration: Java, Web Services, BPEL, Standard Portlets

BI Publisher Desktop

Same tools for all deployment options



- Functional Users Tools
  - Functional user can create report layouts using familiar desktop applications
    - Template Builder for Microsoft Word
    - Template Builder for Microsoft EXCEL
    - Template Builder for Adobe Acrobat
    - Online Template Builder



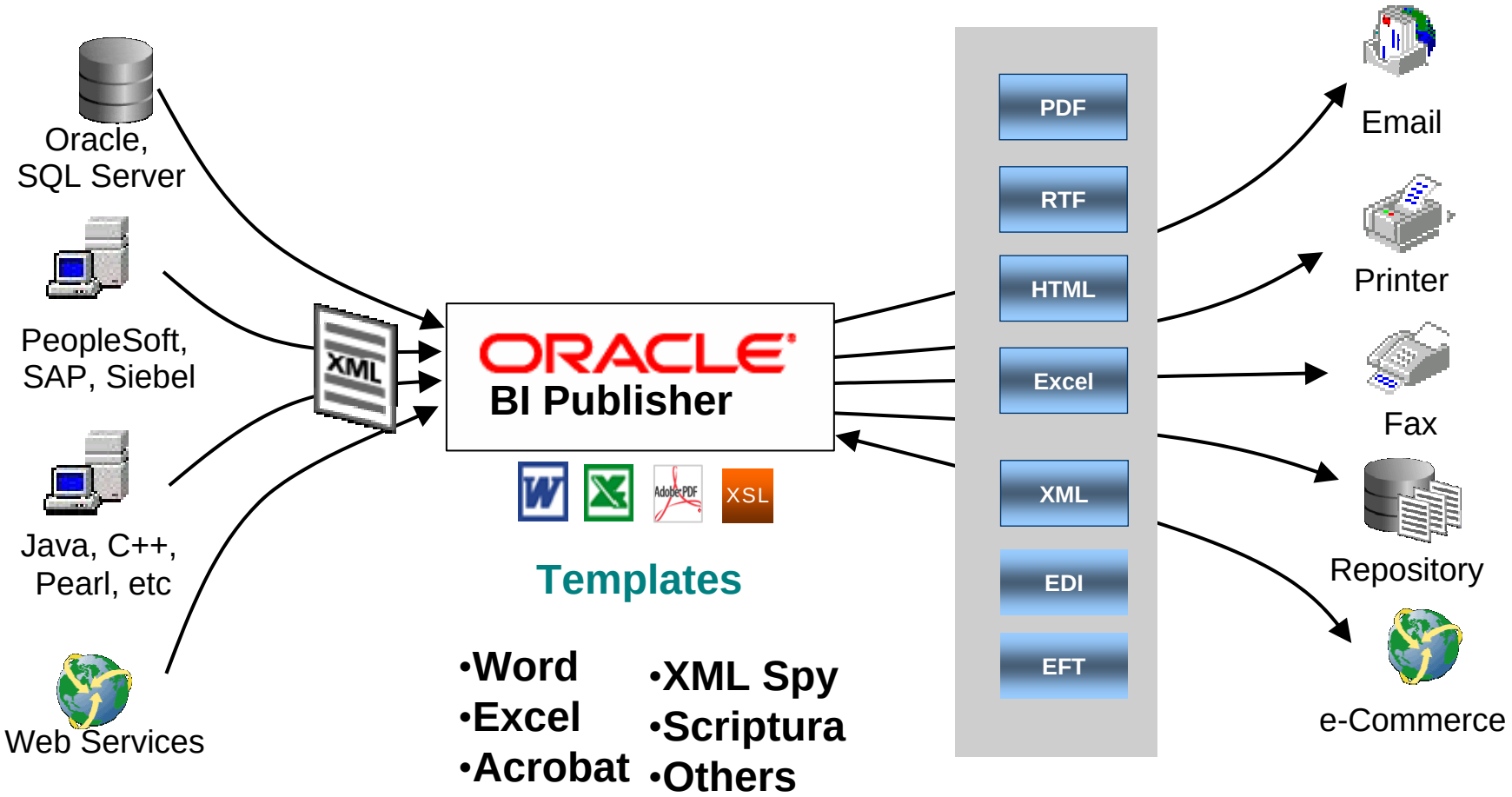
- Developers / Consultants / IT department Tools
  - Create data sources, define data sets and reports using expert tools
    - XMLP Builder
    - XMLP Viewer / Debugger

XML Publisher Enterprise

- New with XML Publisher 5.6
- Fully web-based environment for running, scheduling, designing and administering report
- Server side Install
    - Packaged with OC4J
        - Out of the box install with OC4J via OUI
    - WAR file for all J2EE containers
        - Available for install on any application server
- Client Side Install
    - Template Builder for Word
        - RTF template builder
    - XML Publisher report definition wizard
    - Template Viewer / Debugger

Features

From Data to Destination

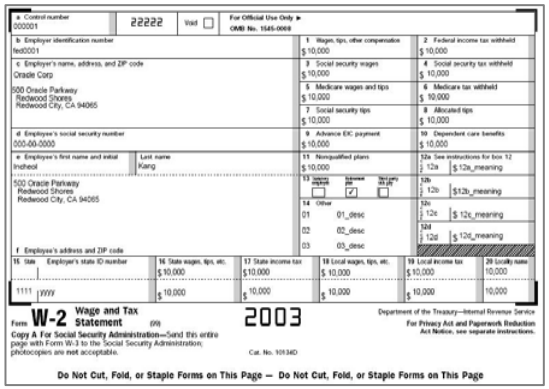


- Word
- Excel
- Acrobat
- XML Spy
- Scriptura
- Others

Data Source **Layout Tools** **Output** **Destinations**

Government Forms

Business Data
- Human Resources
- Procurement



ORACLE
BI Publisher

PDF

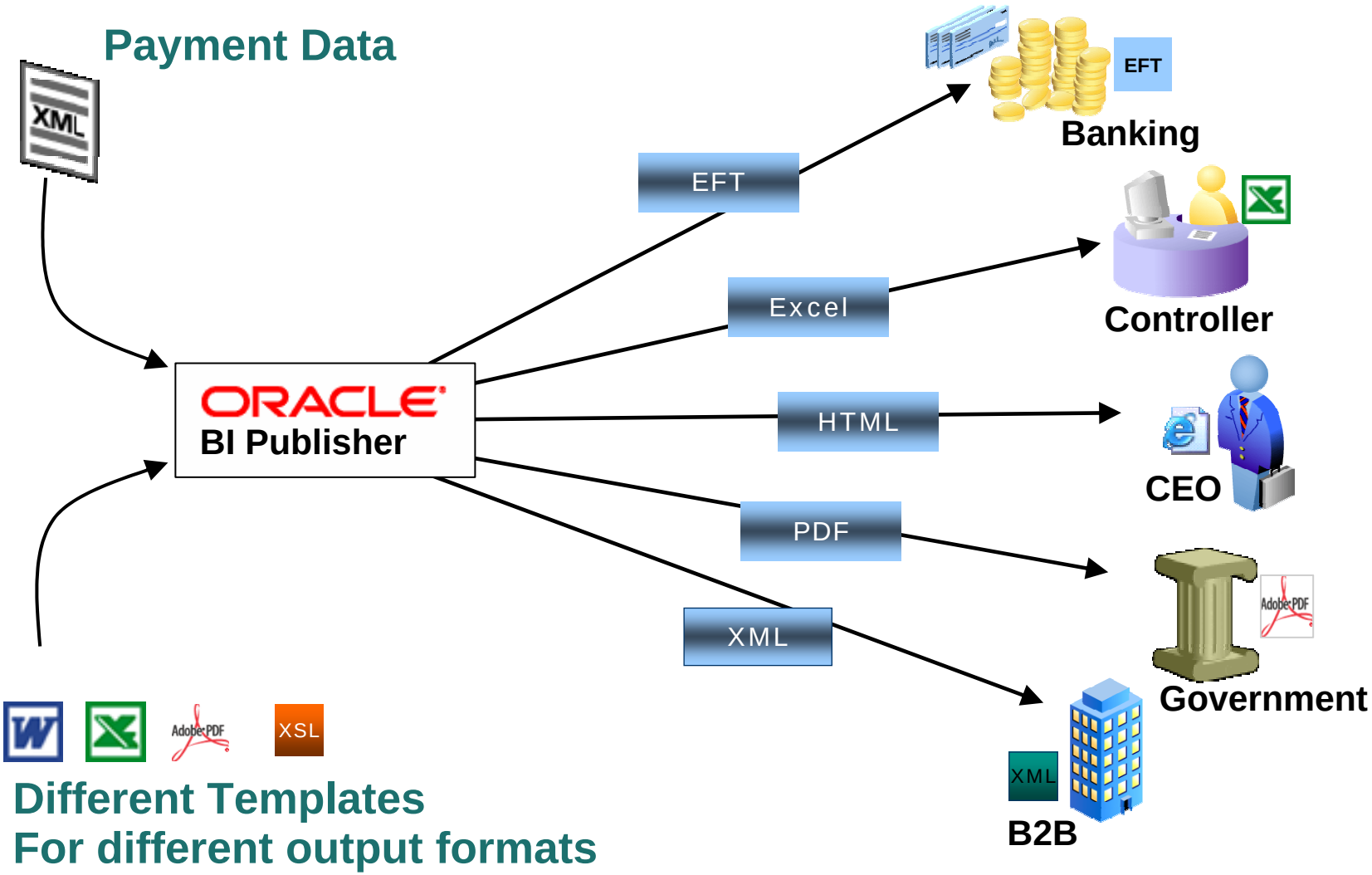
Government

Human Resources
- W2, W4
- 1099

Procurement
- sf26, sf33, sf1449
- OF347

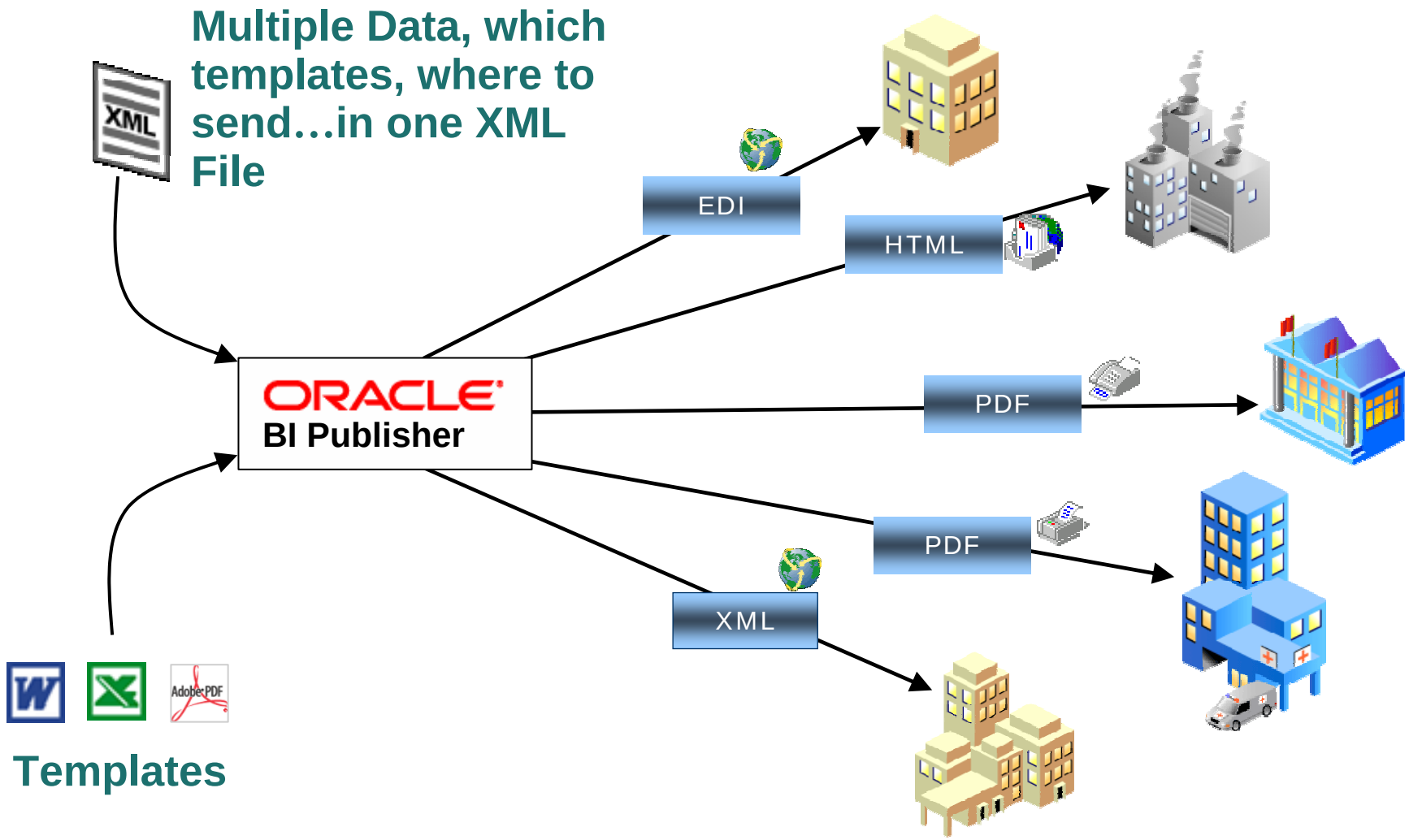
Download PDF forms from Gov. Web Site
Send back the exact form filled with data

Extract Once – Publish Multiple Times



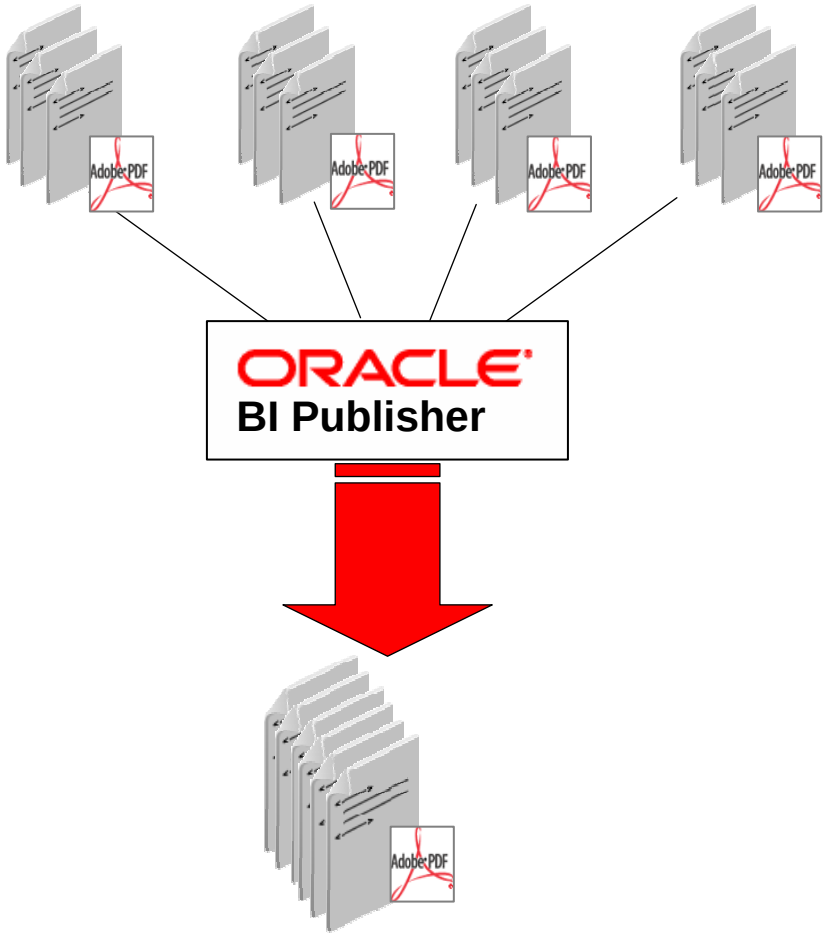
Different Templates
For different output formats

Batch Processing – Bursting



Consolidated Document Publishing

- Generate consolidated documents
  - Briefing Books
  - Shipping Documents
  - Others
- Either BI Publisher or 3rd party PDFs



E Business Suite Applications

EBS Products Utilizing BI Publisher

- HRMS
- DBI/PMV
- Purchasing
- Contracts
- Sourcing
- Quoting
- FSG
- eRecords
- Loans
- Financials Consolidation Hub
- AP / AR / FA
- Order Management
- iStore
- Project Contracts
- Marketing
- Student Services
- Discrete Manufacturing
- Process Manufacturing
- Bill Presentment
- Internal Controls Manager
- Global Financials
- Sub Ledger Accounting
- SCM
- Projects

ORACLE
Human Resources

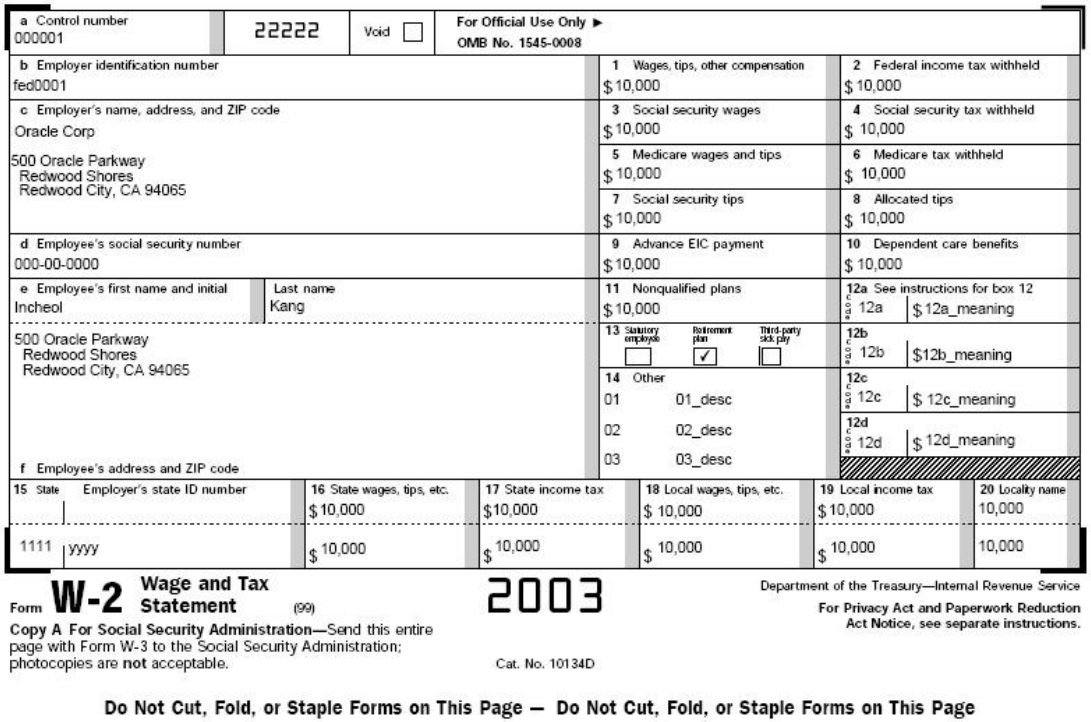
Oracle Human Resources

Business Requirements

- Generate Employee tax forms
- Support multiple states and continuation pages
- Single and Batch processing
- Access from Self Service

Implementation

- PDF Form Templates
- XMLP Common Regions
- XML APIs (Batch)



a Control number 000001	22222	Void ☐	For Official Use Only ▶ OMB No. 1545-0008
b Employer identification number fed0001		1 Wages, tips, other compensation $ 10,000	2 Federal income tax withheld $ 10,000
c Employer's name, address, and ZIP code Oracle Corp 500 Oracle Parkway Redwood Shores Redwood City, CA 94065		3 Social security wages $ 10,000	4 Social security tax withheld $ 10,000
		5 Medicare wages and tips $ 10,000	6 Medicare tax withheld $ 10,000
		7 Social security tips $ 10,000	8 Allocated tips $ 10,000
d Employee's social security number 000-00-0000		9 Advance EIC payment $ 10,000	10 Dependent care benefits $ 10,000
e Employee's first name and initial Incheol	Last name Kang	11 Nonqualified plans $ 10,000	12a See instructions for box 12 12a $ 12a_meaning
500 Oracle Parkway Redwood Shores Redwood City, CA 94065		13 Statutory employee ☐ Retirement plan ✓ Third-party sick pay ☐	12b 12b $12b_meaning
		14 Other 01 01_desc 02 02_desc 03 03_desc	12c 12c $ 12c_meaning
f Employee's address and ZIP code			12d 12d $ 12d_meaning

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
		$ 10,000	$10,000	$ 10,000	$ 10,000	10,000
1111	yyyy	$ 10,000	$ 10,000	$ 10,000	$ 10,000	10,000

Form **W-2** Wage and Tax Statement (99) 2003 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.

Cat. No. 10134D

For Privacy Act and Paperwork Reduction Act Notice, see separate instructions.

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

ORACLE Payments

Oracle Payments

Business Requirements

- Generate Electronic Funds Transfer files
- Support 160 formats
- Very large data input support
- Deliver via FTP, HTTP

Implementation

- eText Templates
- Delivery Manager

```
H1018N031018094458
Q    00000000000000333210310180000000000195740435094459
QPayer Bill To Name Payer Bill To addr line1
094460
T    swift122352BE
094461
T/BE68 5390 0754 7034                00000000013000560094462
TBelComp57 031001 EUR 500 BelComp58 031002 EUR 2500 BelComp59 031002 EUR 3500
00094463
TBelgian Computer Brussels Payee addr line1
I    BelComp57  00000000500EUR094465
I    BelComp58  00000002500EUR094466
I    BelComp59  00000003500EUR094467
I    BelComp60  00000006500EUR094468
U    BE     0060000000500094469
V    no                 000612341100000000000000006000N094470
V    yes                000612341100000000000000006500J094471
T               US Chase Manhattan Chase Southampton Branch APC US Bank Acct 60 Main Street
094472
T/234784342                          00000000006573980094473
TAPC-US331 031001 EUR 2573 APC-US332 031002 EUR 4000
00094474
TAPC HQ 132 Fairgrounds Road
I    APC-US331  00000002573EUR094476
I    APC-US332  00000004000EUR094477
Z    00000000019573094480
```

ORACLE Collections

Oracle Collections

Business Requirements

- Generate dunning letters
- User level customization
- Generate operational reports
- Deliver via multiple channels

Implementation

- RTF Templates
- Conditional formatting
- Delivery Manager

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	$89,344.81	$0.00	$89,344.81
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	$281,904.71	$0.00	$281,904.71
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

ORACLE Sourcing

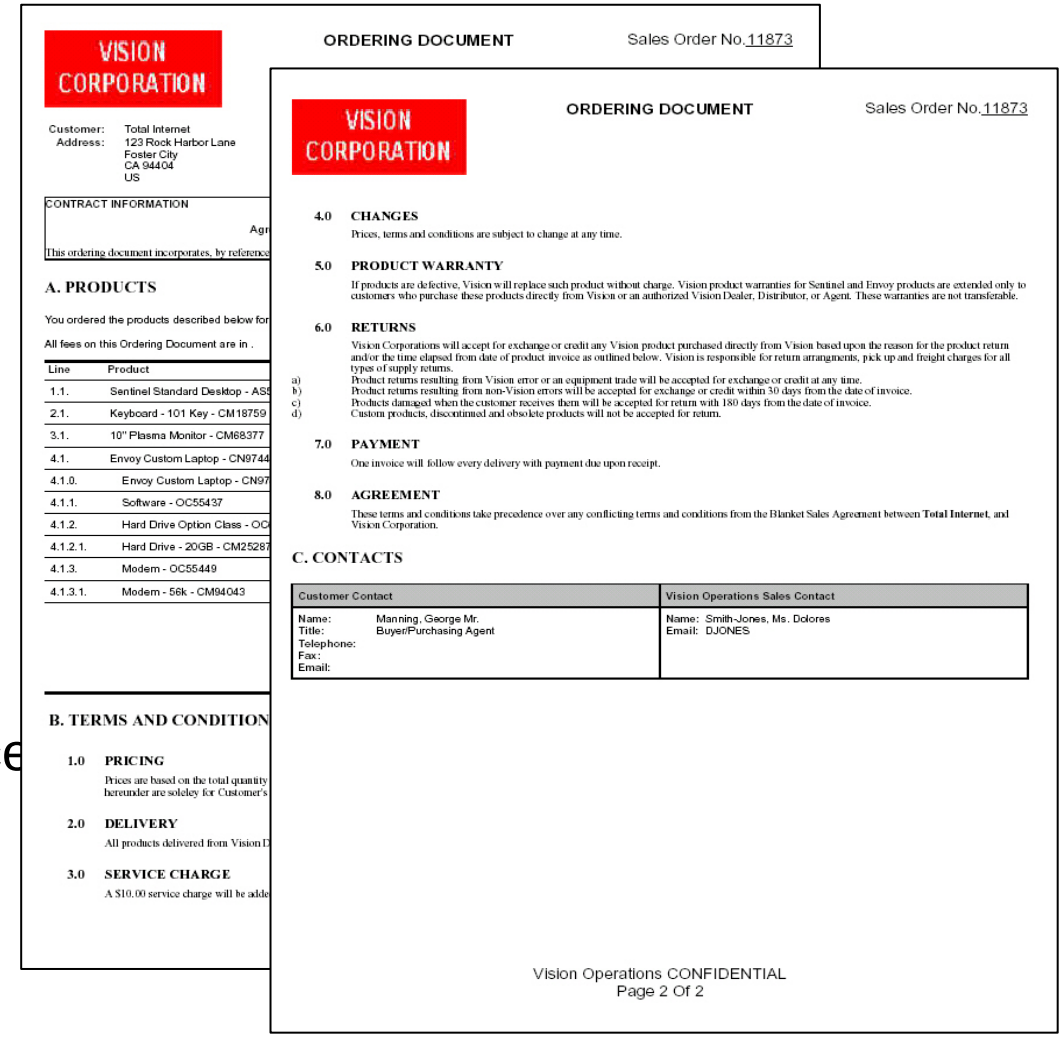
Oracle Sourcing

Business Requirements

- Generate integrated output with Contract info
- Advanced formatting
- Self service interaction

Implementation

- RTF/XSLFO Templates
- Multiple data sources /templates
- Integrated into self service application



VISION CORPORATION

ORDERING DOCUMENT

Sales Order No.11873

Customer: Total Internet
Address: 123 Rock Harbor Lane
Foster City
CA 94404
US

CONTRACT INFORMATION

Agr

This ordering document incorporates, by reference

A. PRODUCTS

You ordered the products described below for

All fees on this Ordering Document are in .

Line	Product
1.1.	Sentinel Standard Desktop - AS5
2.1.	Keyboard - 101 Key - CM18759
3.1.	10" Plasma Monitor - CM68377
4.1.	Envoy Custom Laptop - CN9744
4.1.0.	Envoy Custom Laptop - CN97
4.1.1.	Software - OC55437
4.1.2.	Hard Drive Option Class - OC
4.1.2.1.	Hard Drive - 20GB - CM25287
4.1.3.	Modem - OC55449
4.1.3.1.	Modem - 56k - CM94043

B. TERMS AND CONDITION

1.0 PRICING

Prices are based on the total quantity hereunder are soleley for Customer's

2.0 DELIVERY

All products delivered from Vision D

3.0 SERVICE CHARGE

A $10.00 service charge will be adde

VISION CORPORATION

ORDERING DOCUMENT

Sales Order No.11873

4.0 CHANGES

Prices, terms and conditions are subject to change at any time.

5.0 PRODUCT WARRANTY

If products are defective, Vision will replace such product without charge. Vision product warranties for Sentinel and Envoy products are extended only to customers who purchase these products directly from Vision or an authorized Vision Dealer, Distributor, or Agent. These warranties are not transferable.

6.0 RETURNS

Vision Corporations will accept for exchange or credit any Vision product purchased directly from Vision based upon the reason for the product return and/or the time elapsed from date of product invoice as outlined below. Vision is responsible for return arrangments, pick up and freight charges for all types of supply returns.

a) Product returns resulting from Vision error or an equipment trade will be accepted for exchange or credit at any time.
b) Product returns resulting from non-Vision errors will be accepted for exchange or credit within 30 days from the date of invoice.
c) Products damaged when the customer receives them will be accepted for return with 180 days from the date of invoice.
d) Custom products, discontinued and obsolete products will not be accepted for return.

7.0 PAYMENT

One invoice will follow every delivery with payment due upon receipt.

8.0 AGREEMENT

These terms and conditions take precedence over any conflicting terms and conditions from the Blanket Sales Agreement between **Total Internet**, and Vision Corporation.

C. CONTACTS

Customer Contact	Vision Operations Sales Contact
Name: Manning, George Mr. Title: Buyer/Purchasing Agent Telephone: Fax: Email:	Name: Smith-Jones, Ms. Dolores Email: DJONES

Vision Operations CONFIDENTIAL
Page 2 Of 2

ORACLE Financials

Oracle Financials

Business Requirements

- Generate High Fidelity Output
- Allow end user customization
- 10000+ page output
- No change for report consumers

ORACLE General Ledger
Vision Operations (USA)

Posted Journals
From 01-JAN-99 to 31-JAN-99

Report Date: 8/31/2004
Page 8 of 50

Currency: USD
Balance Type: Actual

Source: Intercompany

Batch: CENTRA: Operations Intercompany 342881: A 4654 — Posted Date: 30-SEP-99

Journal: CENTRA: CT00000069 Intercompany Transfer USD — Category: Intercompany Transfer — Effective Date: 31-JAN-99
Reference: Journal Import Created — Currency: USD

Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-404-7695-0000-000	31-JAN-99	Journal Import Created	CT00000069	3,000.00		0.00
2	01-404-7753-0000-000	31-JAN-99	Journal Import Created	CT00000069		3,000.00	0.00
				Journal Total	3,000.00	3,000.00	0.00

Journal: CENTRA: CT00000070 Intercompany Transfer USD — Category: Intercompany Transfer — Effective Date: 31-JAN-99
Reference: Journal Import Created — Currency: USD

Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-000-1410-0000-000	31-JAN-99	Journal Import Created	CT00000070		12,000.00	0.00
2	01-000-1813-0000-000	31-JAN-99	Journal Import Created	CT00000070		15,000.00	0.00
3	01-402-4163-0000-000	31-JAN-99	Journal Import Created	CT00000070	15,000.00		0.00
4	01-402-5110-0000-000	31-JAN-99	Journal Import Created	CT00000070	12,000.00		0.00
				Journal Total	27,000.00	27,000.00	0.00

Journal: CENTRA: CT00000071 Intercompany Transfer USD — Category: Intercompany Transfer — Effective Date: 31-JAN-99
Reference: Journal Import Created — Currency: USD

Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-000-1410-0000-000	31-JAN-99	Journal Import Created	CT00000071		22,000.00	0.00
2	01-000-1814-0000-000	31-JAN-99	Journal Import Created	CT00000071	15,000.00		0.00
3	01-000-2980-0000-000	31-JAN-99	Journal Import Created	CT00000071	0.00		0.00
4	01-430-4164-0000-000	31-JAN-99	Journal Import Created	CT00000071		15,000.00	0.00
5	01-430-5110-0000-000	31-JAN-99	Journal Import Created	CT00000071	22,000.00		0.00
				Journal Total	37,000.00	37,000.00	0.00

Journal: CENTRA: CT00000072 Intercompany Transfer USD — Category: Intercompany Transfer — Effective Date: 31-JAN-99
Reference: Journal Import Created — Currency: USD

Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-000-1410-0000-000	31-JAN-99	Journal Import Created	CT00000072		26,000.00	0.00
2	01-000-1814-0000-000	31-JAN-99	Journal Import Created	CT00000072	34,000.00		0.00

Implementation

- RTF Templates
- Scalable transformation
- Concurrent Manager Integration

DEMO