


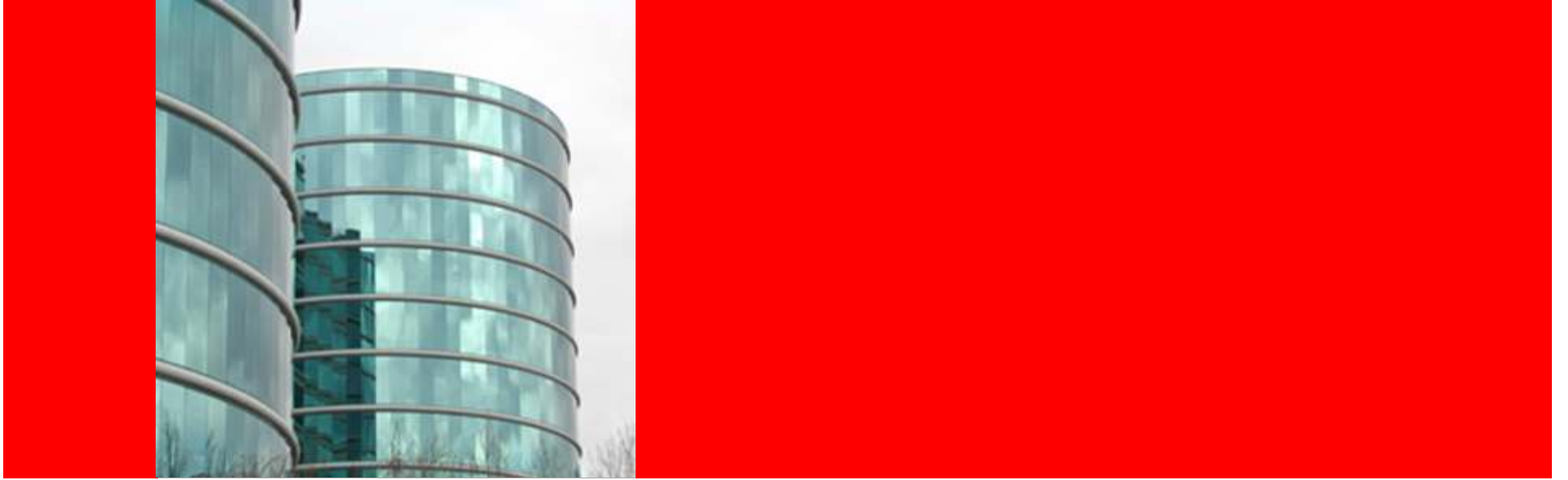
**ORACLE®**



The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

# How Do You XML Publish in Oracle EBS?

Tim Dexter  
Group Manager



**ORACLE®**



# Meet the Experts



## Applications and Industries Lounges @ Oracle OpenWorld 2007

**Moscone West - 2nd floor (overlooks 3), Wed. 2.30 - 5.30**

- 1. Latest on BI Publisher for Oracle Applications (2.30pm to 4.00pm only)**
- 2. Things You Can Do Today To Be Better Prepared for Oracle Fusion Applications**
- 3. Applications Lifecycle Management Strategy**
- 4. Managing Your Oracle Applications Better with Oracle Enterprise Manager**
- 5. Migrating your Reports to BI Publisher Automatically (4.00pm to 5.30pm only)**





## Why XML Publisher?

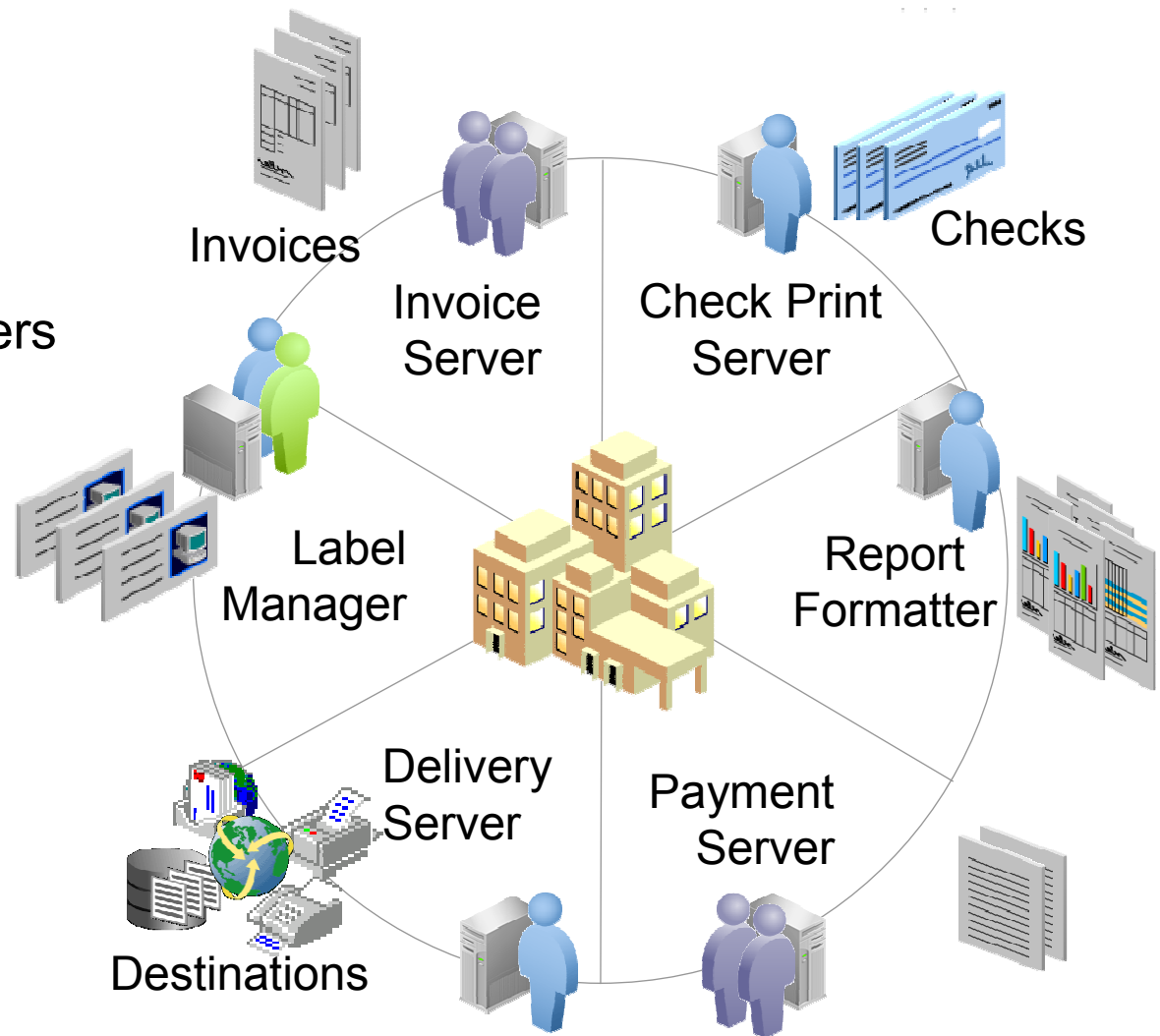
**Tell Us Tim!**

**We Know  
Already!**

# Reporting Environments B.P.

- Have to rely on multiple reporting solutions
- Highly-skilled engineers required to maintain servers and report formats

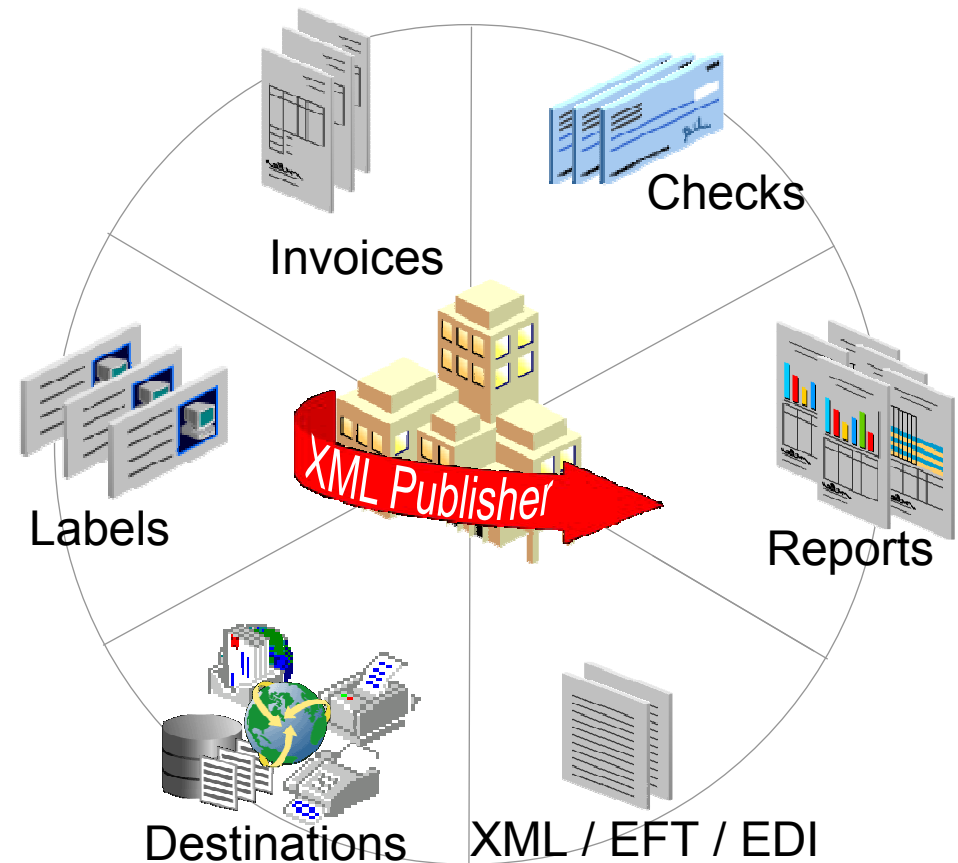
- ✗ Costly
- ✗ Time consuming
- ✗ Complex systems
- ✗ Expensive maintenance
- ✗ Labor intensive





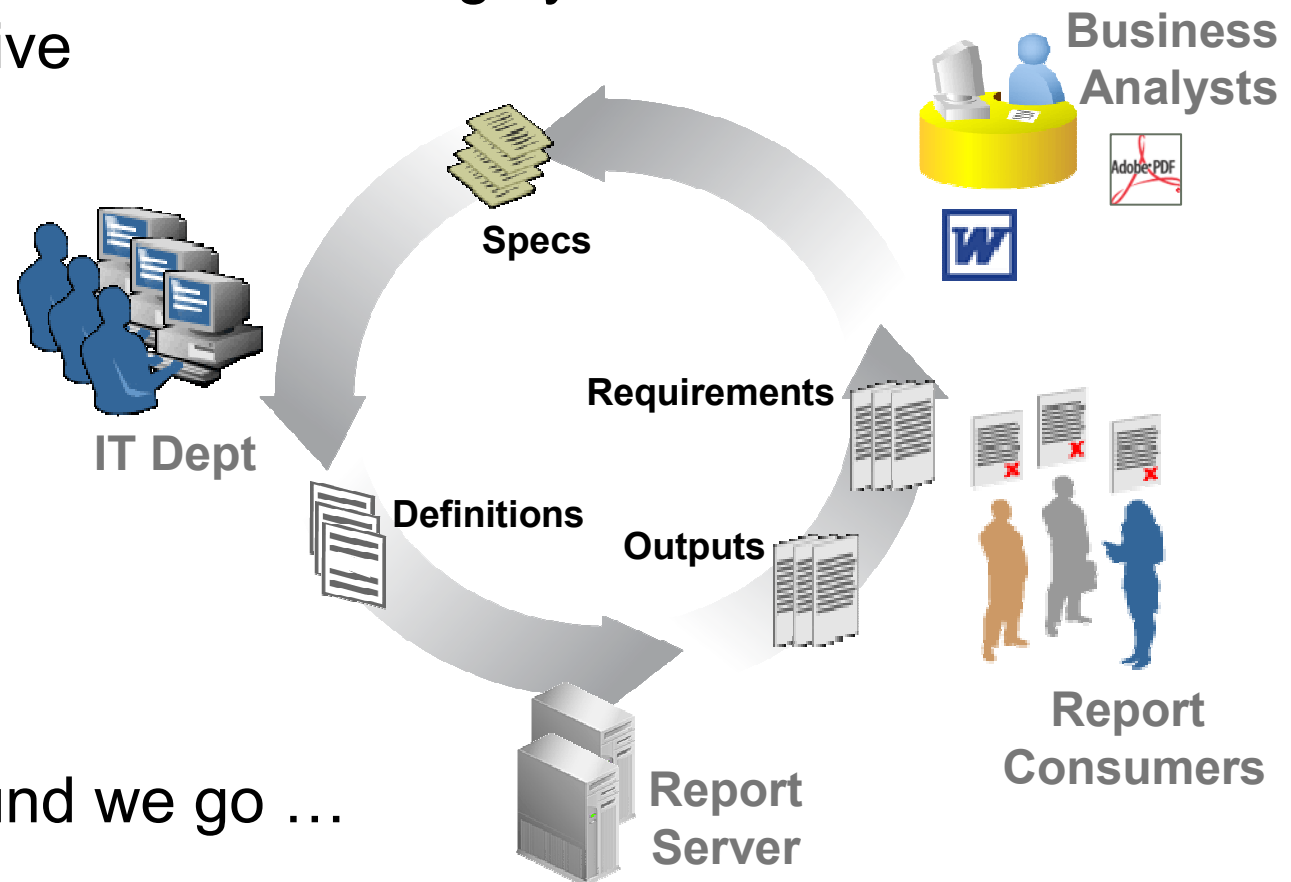
# Reporting Environments A.P.

- Oracle XML Publisher
  - Authoring
  - Managing
  - Delivering
- Your Business Documents
  - ✓ Meet Business Requirements
  - ✓ Remove Complexity
  - ✓ Reduce Maintenance Cost
  - ✓ Reduce Total Cost



# The Report Development Cycle of Pain

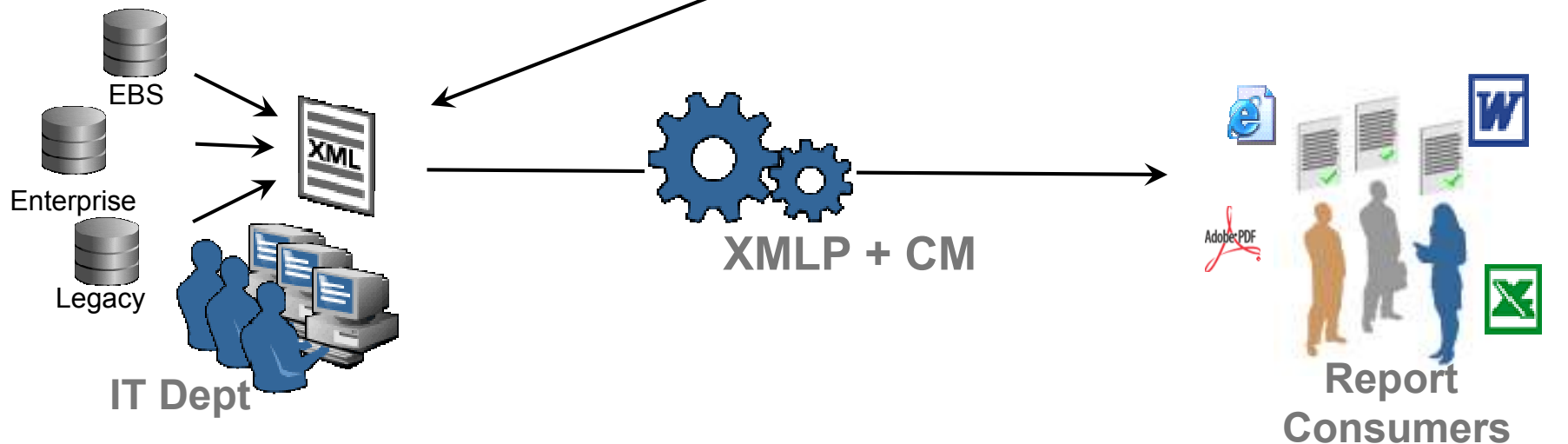
- ✗ Mimic report requirements
- ✗ Slow development and testing cycle
- ✗ Labor intensive
- ✗ Inflexible



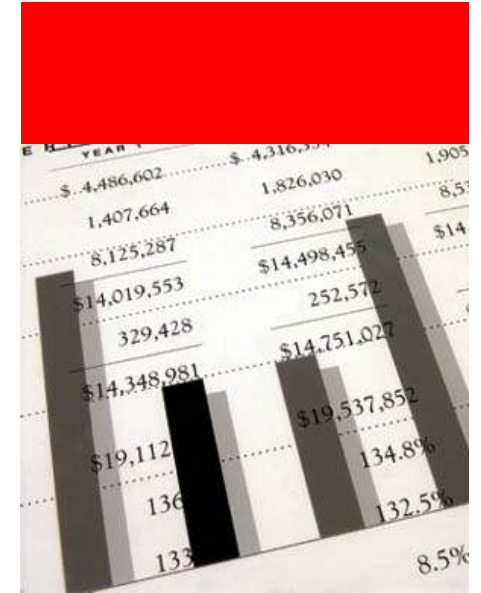
Round and round we go ...

# XML Publisher Breaks That Cycle

- ✓ Business Analysts build/test layouts
- ✓ IT department focus on data
- ✓ More flexible
- ✓ Faster development / deployment
- ✓ Easier Maintenance

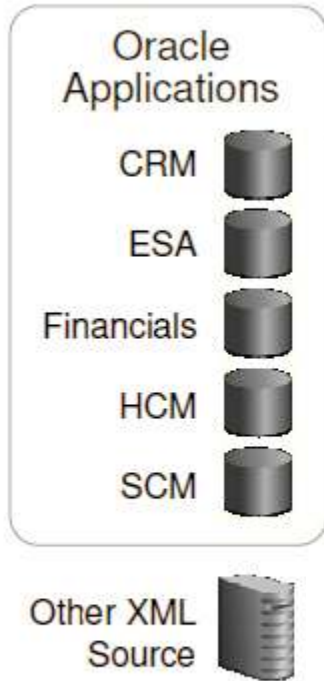


How does it work?

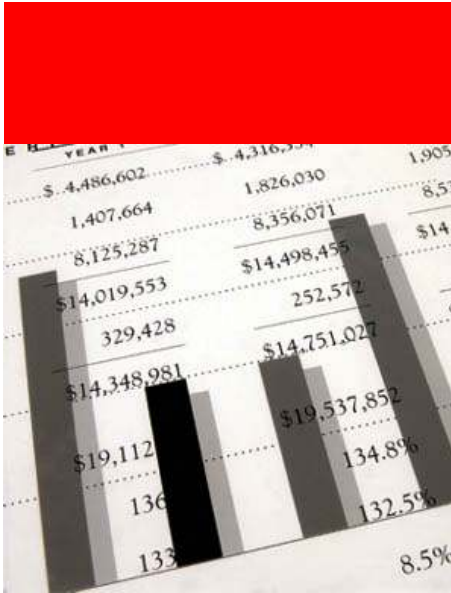


# XML Publisher Under the Covers

## Data Sources



**Who has more than EBS  
in their organization?**



# It's everywhere ... its reporting glue

PeopleSoft



J.D. Edwards



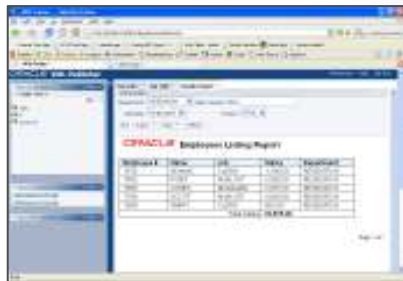
Siebel



E-Business Suite



**ORACLE**  
XML Publisher



Enterprise

BIEE

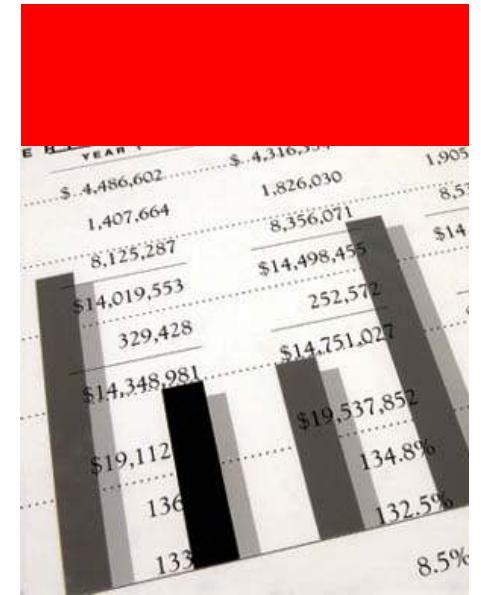


Oracle Database



Oracle Retail

# XML Publisher Features





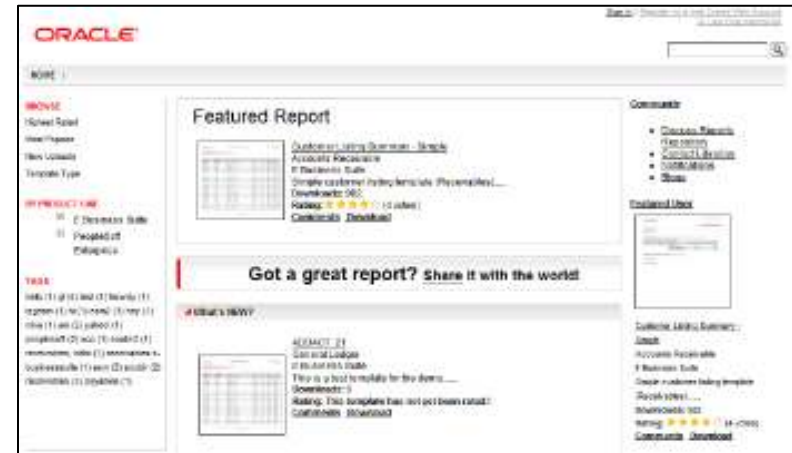
# Are you Extracting?

- Fast, scalable extraction engine
- Integrated into concurrent manager
- Offers all that Oracle Reports offers plus 30-40% faster
  - Multiple queries + joins
  - Event triggers
  - Flexfield support
  - Data Structure
  - Formula/Summary columns
  - Java API layer for OAF support
  - Data Bursting
  - Distributed Queries\*
- Migration tools available from RDF to Data Template
- Data Template builder coming!

```
<dataTemplate name="EMPLOYEES" defaultPackage="" description="Employee Data">
- <properties>
  <property name="include_parameters" value="true" />
  <property name="include_null_Element" value="true" />
  <property name="xml_tag_case" value="upper" />
  <property name="db_fetch_size" value="500" />
  <property name="scalable_mode" value="off" />
  <property name="include_rowsettag" value="false" />
  <property name="debug_mode" value="off" />
</properties>
- <parameters>
  <parameter name="pDeptNo" dataType="number" defaultValue="" />
</parameters>
<decimals />
- <dataQuery>
- <sqlStatement name="DEPT" dataSourceRef="">
  - <![CDATA[
      SELECT DEPTNO,
             ISSAME,
             LOC,
             CURSOR (SELECT EMPNO,
                           from dept
                           where deptno = nvl (:p_DeptNo, deptno)
      order by deptno
  ]]>
</sqlStatement>
```

# Are you Sharing?

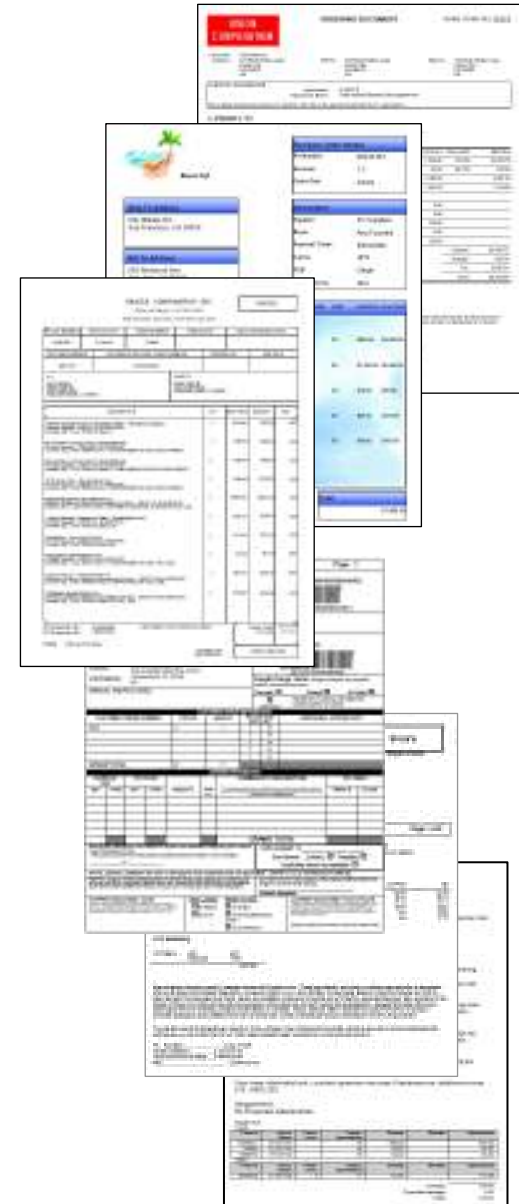
- Reports Repository will allow you to find/share your XMLP templates
- Oracle development will load all templates to the repository
- Take a template – give a template ... please!
- Web 2.0 features with abilities to rate templates, leave comments, tag your template



*Enter Joe stage right for a stunning RR demo!*

# Are you CFOing?

- That's Customer Facing Output!
  - Invoices, Sales Orders, Packing Slips, BOLs
  - Receipts, Purchase Orders, Dunning Letters
- Publisher can handle advanced layouts
  - Batch printing
  - Repeat headers on each page
  - Reset page numbering inside the batch
  - Last page only printing
  - T&Cs support for duplex output
  - Page number exclusion
- All CFO generating EBS modules offer out of the box integration
  - Bill Presentment Architecture
  - Advanced Collections
  - Purchasing
  - Manufacturing



# How's your Checking?

- Create check templates
- Include MICR fonts and conditional check signature images
- 11i Release
  - One off patch available from 11i Payables team to integrate publisher template into Payment Format process – also supports eText templates for EFT - Patch: 4303528
- Release 12
  - A new Payments module – shipping OOTB check and EFT formats
  - Single, customizable data extract available



## Oracle Partner - Evergreen Data Systems

- Offering secured hardware check security solution implementation

# Do you PDF Form?



## Business Data

- Human Resources
- Procurement



## Human Resources

- W2, W4
- 1099



- Pre-fill forms
- PDF Mapping Tool

W-2 Wage and Tax Statement 2003

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

P112 EXPENSE AND BENEFIT 2003-03



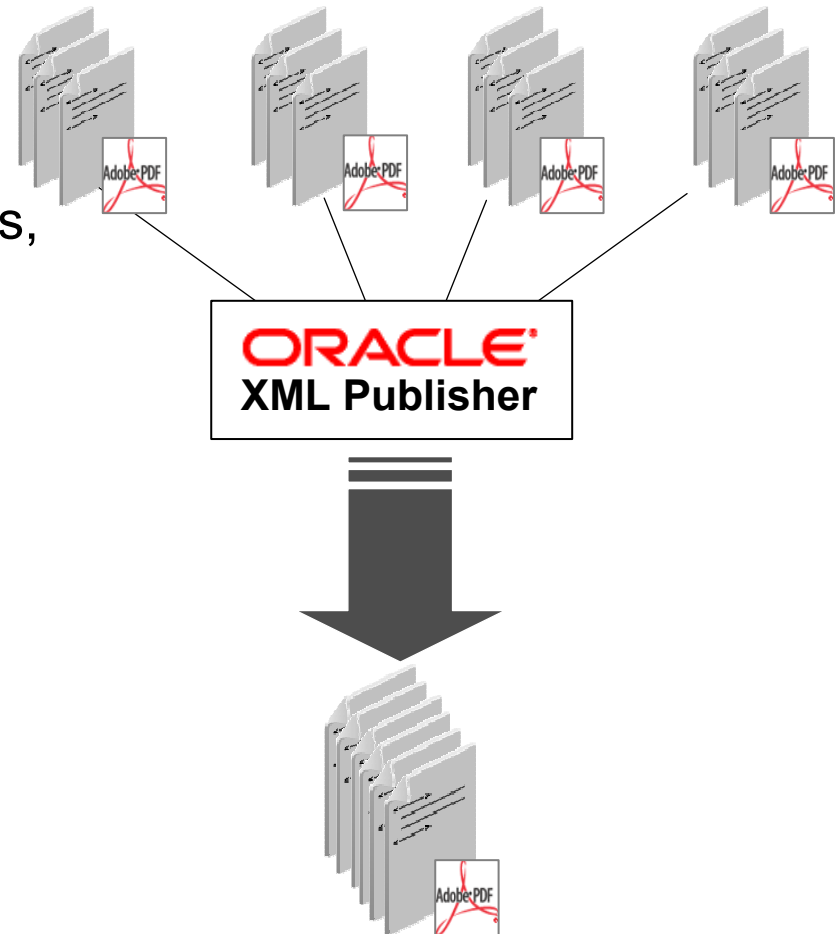
Government

## Procurement

- sf26, sf33, sf1449
- OF347

# Are you Consolidating?

- Generate consolidated documents
  - Briefing Books, Shipping Documents, etc
    - XML Publisher or 3<sup>rd</sup> party PDFs
    - Page numbering
    - Bookmarks
    - Start/ End Pages
    - Overlays
    - Cross Reference Links
    - Table of Contents



# Are you Bursting?

Schedule Report  
Report Parameters  
Output format and  
Job Properties  
Report Format  
Report Formatting  
Report Format  
Notification  
Email Addresses

**Monthly Salary Report** Page 1

Manager: Steven King  
Department: Sales 2

Position	Employee	Monthly Salary	Annual Salary
Sales Manager	John Russell	14,000	168,000
	Karen Partners	13,500	162,000
	Alberto Elmarantz	12,000	144,000
	Gerald Cambrault	11,000	132,000
	Blair Zlotkey	10,500	126,000
Salary Averages		12,200	146,400
Salary Totals		61,500	732,000
Salary Averages for Sales 2		12,200	146,400
Salary Totals for Sales 2		61,500	732,000
Salary Averages for Steven King		14,000	168,000
Salary Totals for Steven King		14,000	168,000

Position	Employee	Monthly Salary	Annual Salary
Sales Representative	Janeke King	10,000	120,000
	Patrick Sully	8,500	102,000
	Alan McEwan	9,000	108,000
	Lindsay Smith	8,000	96,000
	Louise Doran	7,500	90,000
	Seath Seval	7,500	90,000
Salary Averages		8,500	102,000
Salary Totals		51,000	612,000
Salary Averages for Sales 2		8,500	102,000
Salary Totals for Sales 2		51,000	612,000
Salary Averages for Karen Partners		10,000	120,000
Salary Totals for Karen Partners		10,000	120,000

Manager: John Russell  
Department: Sales 2

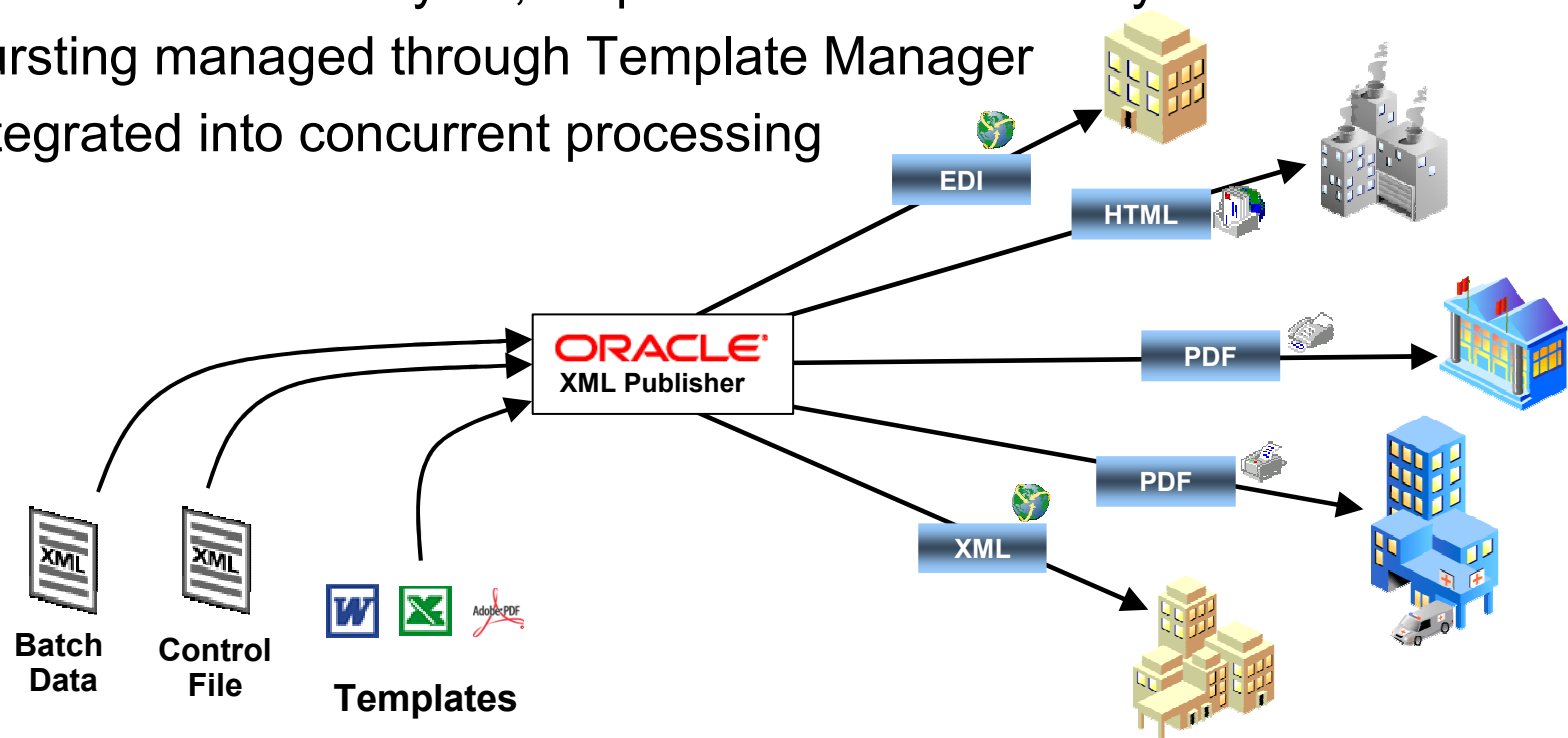
Position	Employee	Monthly Salary	Annual Salary	
Sales Representative	Peter Tucker	10,000	120,000	
	David Bernstein	9,500	114,000	
	Petar Hall	9,000	108,000	
	Christopher Olsen	8,000	96,000	
	Nanette Cambrault	7,500	90,000	
	Oliver Turvaut	7,000	84,000	
	Salary Averages		8,500	102,000
	Salary Totals		51,000	612,000
Salary Averages for Sales 2		8,500	102,000	
Salary Totals for Sales 2		51,000	612,000	
Salary Averages for John Russell		10,000	120,000	
Salary Totals for John Russell		10,000	120,000	

ort. Manager: All

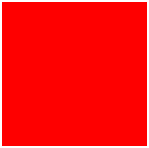
- Burst Report
- Public
- Save Data for Republish
- Save Output
- Use Unicode (UTF8)

# Are you Bursting?

- Burst individual documents from a batch
- Dynamic generation based on data
- Deliver in desired layout, output format and delivery channel
- Bursting managed through Template Manager
- Integrated into concurrent processing







# Bursting

```

<dataTemplate name="EMPLLOYEE" dataUri="http://...">
  <parameters>
    <parameter name="include_employee" value="true" />
    <parameter name="include_mail_address" value="true" />
    <parameter name="include_tel_area" value="true" />
    <parameter name="include_tel_office" value="true" />
    <parameter name="include_mail_address" value="true" />
    <parameter name="include_tel_area" value="true" />
    <parameter name="include_tel_office" value="true" />
    <parameter name="include_working_schedule" value="false" />
    <parameter name="include_work" value="true" />
  </parameters>
  <include uri="http://..."/>
  <table>
    <thead>
      <tr>
        <th>NAME</th>
        <th>ADDRESS</th>
        <th>TEL</th>
        <th>WORKING_SCHEDULE</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>SUGIYAMA, HIROSHI</td>
        <td>1-1-1 Yamanote-cho</td>
        <td>03-1234-5678</td>
        <td>0900-1700</td>
      </tr>
    </tbody>
  </table>
</dataTemplate>

```

Batch Data

+

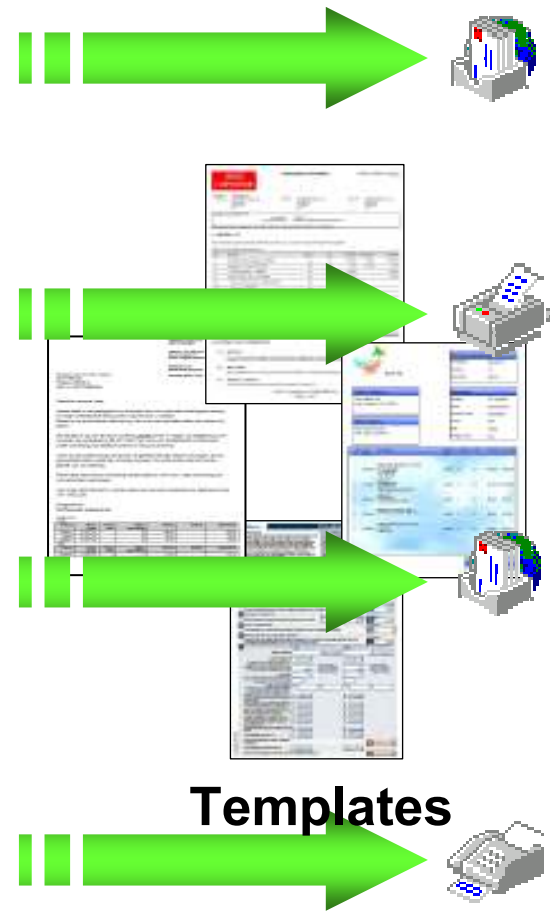


Split

+

+

+



Templates

Output

Deliver

# Got Labeling?

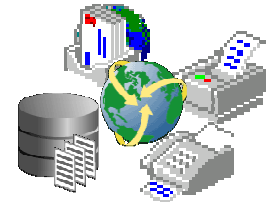
- Use publisher to create label templates and extracts
- Interface to WMS or other Apps modules to get XMLP generating the output
- Use open source conversion tools to get outputs to required printer formats



## Oracle Partner - Zebra Technologies solution

- Releasing integration with XMLP
- Using Zebra Designer and Zebra Enterprise Connector
- Labels communicated to ZPL or ZPL compatible printers
- Get out to the Zebra booth for a demo - 3738, West Hall

# Do you Deliver?



- Rich set of java delivery APIs
- Can be hooked to the concurrent manager to deliver documents out of EBS
  - EMAIL, FAX, Print, WEBDav, FTP, FileSystem
- Fine level control over delivery process
- Bursting Engine can also be to deliver documents

## Oracle Partner - STR Software

- FAX, Print, Email
- Tight XMLP / CM integration
- Providing UI to monitor delivery job

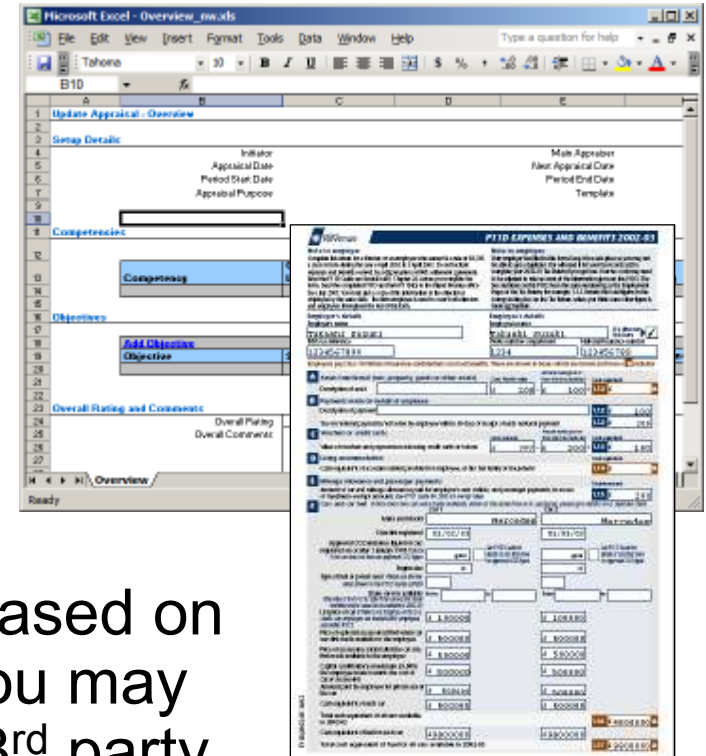
# Are you Translating?

- No need for expensive language-specific printers
- XML Publisher ships with full set of Unicode Fonts
- Scalable font embedding
- XML Publisher is alone in supporting
  - CJK, BiDi, Unicode, MLS
- Supporting 185 languages, 244 territories using the XLIFF translation standard
- No need for MLS Apps patches

Возвращение Рн Писан в Писан	Russian Chinese GBK	“ 福利係表現超 手藝料 ”	Hebrew	עברית
<b>UNICODE SUPPORT</b>	Le Président chinois Hu Jintao	French Chinese Big5 Vietnamese	“ 福利係表現 超手藝料 ”	Cách đánh chữ Việt trong
أبو زيد إدارة البريد الحكومية أبو زيد	အိုက်စတင်အိတ် အိုက်စတင်အိတ် အိုက်စတင်အိတ် အိုက်စတင်အိတ်	Economía china mantiene rápido crecimiento, informa de APEC	Arabic Thai Spanish Greek	Διαβάστε και οι είκοσι emails με ό επιτεύγματα οίκοι
Japanese	教の字源京 特集	Turkish Korean	denetim ve bilimlerinden	교수님- 이번엔 포스트 A+주서 이메일요

# Do you Data Capture?

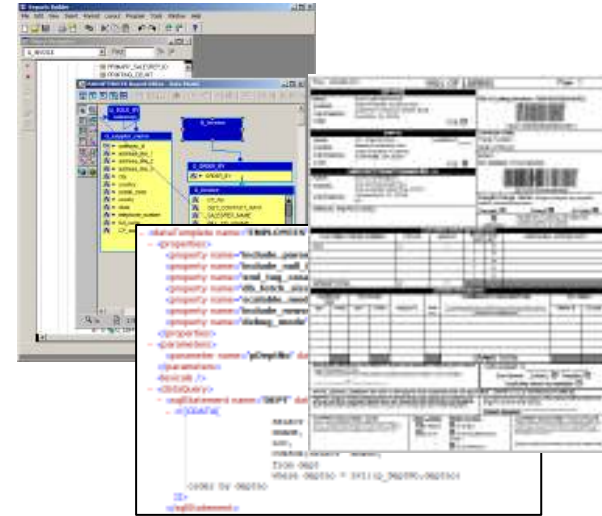
- Publisher has a great set of APIs to read
  - PDF Forms
  - Excel files
- You can build data entry screens based on existing PDF and Excel files that you may already have or are supplied by a 3<sup>rd</sup> party
- Render the data entry files in an OAF page using the Publisher common region
- Use Publisher to extract the data from files to enter/update records
- Really fast UI Development!



# Are you Converting?

## Release 12 Facts

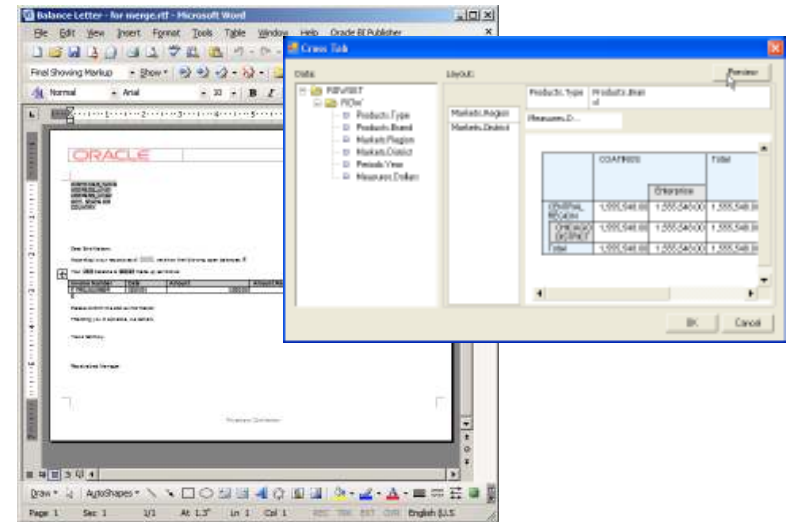
- Publisher is used across entire division from Financials to SCM to CRM.
- Over 800 seeded XML Publisher templates across 55 products
- HRMS using many government forms
- Payments team using XMLP for all payments
- Financial Applications has consolidated many data sources and providing multiple templates
- R12.x project to migrate remaining reports to XML Publisher format
- Public tools to migrate custom Oracle Reports to XML Publisher platform available for 11i too



# Are you Templating?

## RTF Template Enhancements

- Brought Forward/Carried Forward
- Updateable Variables
- Parameters
- Batch Processing Enhancements
- Restart page numbering
- Reset header and footer
- Fixed-row enumeration
- Drawing/Shape support
- Background and Watermark support
- SVG image support
- SVG chart output support
- End on Odd/Even page
- Currency formatting
- Multicolumn Pages
- Initial Page Number
- Check boxes
- If-then-Else
- Number / Date Formatting
- PDF bookmark support
- Last page only support
- Word Art/Org Charts
- Advanced Barcode Support
- Runtime Optimization



# RTF Template Enhancements

SVG Image

ORACLE

Invoice

Oracle Corporation  
500 Oracle Parkway  
Redwood Shores  
CA 94065  
USA  
Tel: + 650 507 000  
Fax: + 650 507 000

Batch support

Barcodes

Invoice Address

Attn: Accounts Payable  
Field Boxmore Healthcare Packaging  
Nottingham  
Phoenix Centre  
Millenium Way West  
Nottingham NG8 6AW

www.oracle.com

Page 2 of 2

Invoice Code:



Invoice Information

Invoice Number:	200402
Invoice Date:	29-JUL-04
Payment Terms:	Immediate
Payment Due:	29-AUG-04
Your VAT #:	234236464-44

Currency Formatting

Fixed Row Enumeration

Description	UOM	Quantity	Unit Price	VAT %	Total Net
Test Line 27	Sheet	5000	0.15	17.50	726.00
Test Line 28	Sheet	5000	0.15	17.50	726.00
Test Line 29	Sheet	5000	0.15	17.50	726.00
Test Line 30	Sheet	5000	0.15	17.50	726.00
Test Line 31	Sheet	5000	0.15	17.50	726.00
Test Line 32	Sheet	5000	0.15	17.50	726.00
Test Line 33	Sheet	5000	0.15	17.50	726.00
Test Line 34	Sheet	5000	0.15	17.50	726.00
Test Line 35	Sheet	5000	0.15	17.50	726.00
Test Line 36	Sheet	5000	0.15	17.50	726.00
Test Line 37	Sheet	5000	0.15	17.50	726.00
Test Line 38	Sheet	5000	0.15	17.50	726.00
Test Line 39	Sheet	5000	0.15	17.50	726.00
Test Line 40	Sheet	5000	0.15	17.50	726.00
Page Total:					10,152.00

Last Page Only

Page Totaling

Special Instructions	Total Goods	GBP	2,178.00
This is an instruction	Total VAT	GBP	376.59
	Invoice Total	GBP	2,554.59

Oracle Corporation  
Registered office: 500 Oracle Parkway, Redwood Shores, CA 94065, USA

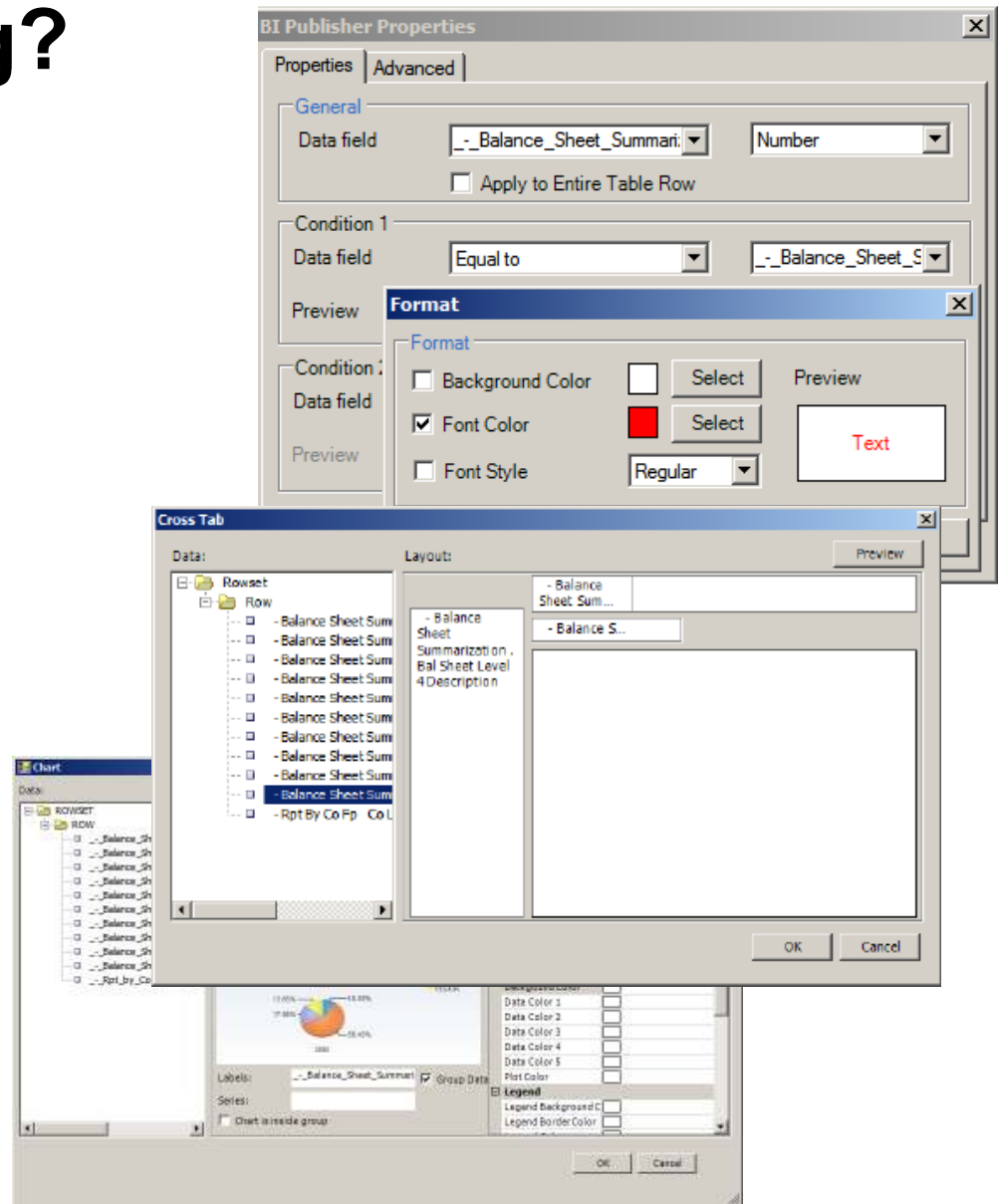
ORACLE



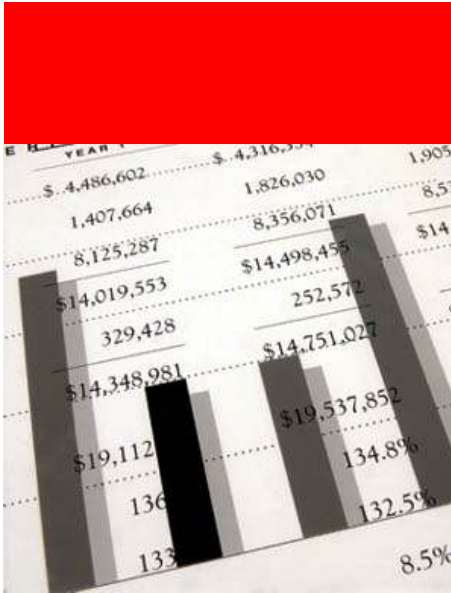
# Are you Building?

## Template Builder

- Conditional Formatting dialogs
- Cross Tab Wizard
  - Multiple Levels
  - Totals
- Enhanced Chart Dialog
  - Multiple Line Charts
  - 3D Charts with Gradients
  - Color Schemas
  - Real time Preview
- Table Wizard
- Translation Support
- Template Validation



# XML Publisher Futures



# Will you be XBRLing?

## Coming soon - XBRL Publisher

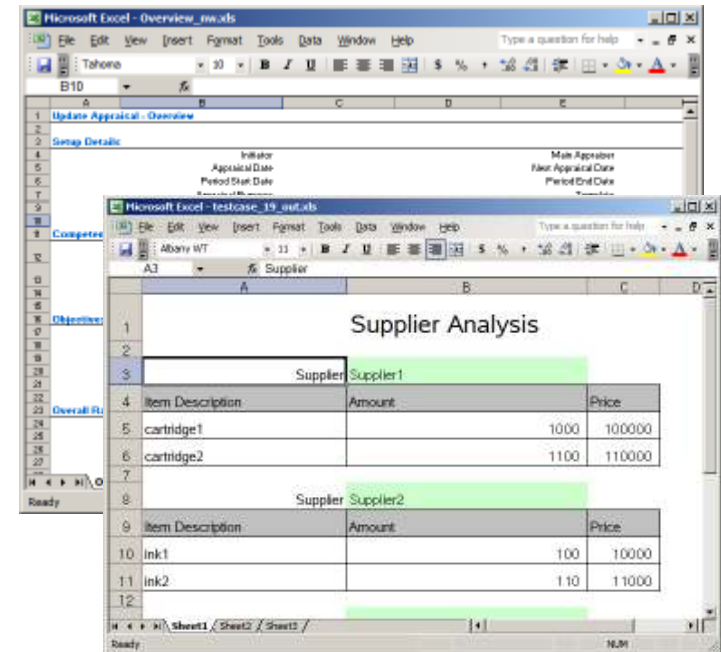
- Based on XMLP technology
- Bring together disparate XML sources e.g. FSGs, XMLP extracts, system extracts, custom extracts
- Map combined data to published XBRL taxonomies
- Run base requests, generate XBRL and deliver via the concurrent manager
- Available for 11i now - patch 5745329

The image displays three screenshots of the Oracle XBRL Publisher web interface. The top screenshot shows the 'Administration' tab with a search bar and a 'Details' button. The middle screenshot shows the 'Administration' tab with a 'Generate Report' button and a 'Details' button. The bottom screenshot shows the 'Administration' tab with a 'Generate Report' button and a table of reports.

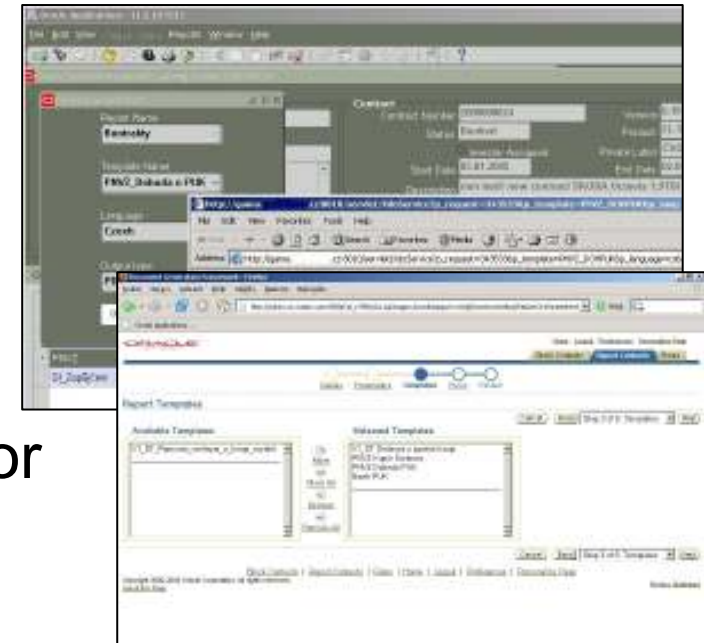
Report Code	Report Name	Status	Generated By	Generated On	Generated At
10000001	10000001_10000001_10000001	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000002	10000002_10000002_10000002	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000003	10000003_10000003_10000003	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000004	10000004_10000004_10000004	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000005	10000005_10000005_10000005	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000006	10000006_10000006_10000006	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000007	10000007_10000007_10000007	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000008	10000008_10000008_10000008	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000009	10000009_10000009_10000009	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00
10000010	10000010_10000010_10000010	New Processed	System	10/10/2007 10:00:00	10/10/2007 10:00:00

# Will you be Excel Templating?

- At last they are coming!
- Planned for R12 only
- Build Excel layouts against any XML data
- Nice FSG integration coming
- Supporting
  - Master - Detail<sup>n</sup>
  - Formulae
  - Macros
  - Cell/Sheet references
  - Dynamic URLs
- Will only be from Excel to Excel
- Integrated into Template Manager and Concurrent Manager
- Template Builder planned



# Will you be DGFinG?



## Document Generation Framework

- Using the personalization framework for OAF and Forms
- Add buttons/links to call publisher to format the current data on the page/form
- User able to choose template and output format for real time document generation
- Minimal setup required and NO code!

# Are you looking for Answers?

XMLP Pages - <http://www.oracle.com/technology/products/xml-publisher>

XMLP Blog - <http://blogs.oracle.com/xmlpublisher>

XMLP Forum - <http://forums.oracle.com/forums/forum.jspa?forumID=245>

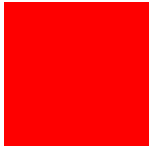
search.oracle.com

XML Publisher



or

oracle.com



# Q & A

QUESTIONS  
ANSWERS



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**ORACLE®**