

# XML Publisher and Oracle EBS: Automated Document Delivery via Email & Fax

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Panelists  
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# About the Speaker

- **STR Software**
  - Located in Richmond, VA
  - Focused on document delivery solutions since 1988
  - Over 1,100 licenses of AventX in 47 states and 21 countries
  - Oracle Certified Partner with staff of Oracle Certified Professionals
  - [www.strsoftware.com](http://www.strsoftware.com)
- **Ben Bruno**
  - President and founder of STR Software in May 1986
  - 804-897-1600 ext. 100 and [ben.bruno@strsoftware.com](mailto:ben.bruno@strsoftware.com)

# Agenda

- Document Delivery Needs and Requirements
- Building a Document Delivery Solution
- Integrating with and without XML Publisher
- Integrating with Delivery Manager
- Integrating with AventX
- Panelists Sharing their Success Stories in Automated Document Delivery
- Q&A

“We just upgraded to 11i and would like to use XML Publisher to create customized reports from Oracle EBS and then fax, email, or print them based upon the supplier’s preferred communication method.”

“Is anyone faxing purchase orders and RFQ documents submitted as a batch?”

“How can I fax an Oracle output report?”

“Does anyone know how to integrate a 3<sup>rd</sup> party fax solution with XML Publisher?”

“We have multiple organizations within our corporation. Can I apply different forms to our faxed output based upon the organization and document type?”

# “Building a Solution”

## Building a Solution: Questions to Ask

- Will documents be in multiple formats, i.e. PDF, Excel, etc?
- Will the user's want to type in the fax number or email address? Or will the process be completely automated?
- If automated, will the report include many documents in the same request (batch processing)? If yes, then how will the report separate into individual documents?

## Building a Solution: Questions to Ask

- Will the user want to attach other documents to the primary document, i.e. terms and conditions, diagrams, etc.?
- Will the document be sent to different destination types, i.e. email, fax, print?
- Will the process require sending documents to multiple recipients?

## Building a Solution: Questions to Ask

- What method will be used to deliver a confirmation?
  - Individual emails per document
  - Scheduled summary reports
- When should the confirmation be sent?
- What should the confirmation look like?
- Who should receive the confirmation?

## Building a Solution: Questions to Ask

- Who will manage failed documents? Or successful documents that need to be transmitted again?
- Where will users manage their documents? Inside or outside of Oracle EBS?
- How long will documents and their transmission history be saved?

# Fundamentals of Document Delivery



# Oracle EBS Document Submission Options

## Document Submission: In Oracle EBS

- Oracle EBS does not provide a standard interface to email and fax any report
- Oracle EBS recently added a few options to users for the purchase order report
  - 3 Purchase Order Options:
    - Purchase Order Approval - Workflow
    - Purchase Order Summary - Tools / Communicate
    - Submit Request (“Fax Enable” Fields)



# PO Submission: PO Approval Form

Approve Document (Vision Operations) - 4563

Approval Details Additional Options

**Encumbrance**

Reserve       Unreserve      Unreserve Date

Use GL Override       Use Document GL Date to Unreserve      Accounting Date

**Approval**

Submit for Approval      Forward From

Forward      Approval Path

Forward To

Note

Change

Summary

**Transmission Methods**

Print       XML

Fax      FAX Number        EDI

E-Mail      E-Mail Address

OK Cancel

# PO Submission: Supplier Sites

Supplier Sites (Vision Operations: USD) - STR Software, 20025

Site Name: **RICHMOND** Alternate Name:

Country: **United States**

Address: **11505 Allecingie Parkway** Alternate Address:

City: **Richmond** State: **VA** Postal Code: **23235**

Province:  County:  Inactive On:

Language:

General | Contacts | Accoun... | Control | Payment | Bank A... | EDI | Invoice ... | Withhol... | Tax Re... | Purchas...

**Site Uses**

Pay  Purchasing

Primary Pay  RFQ Only  Procurement Card

Customer Number:

Shipping Network Location:

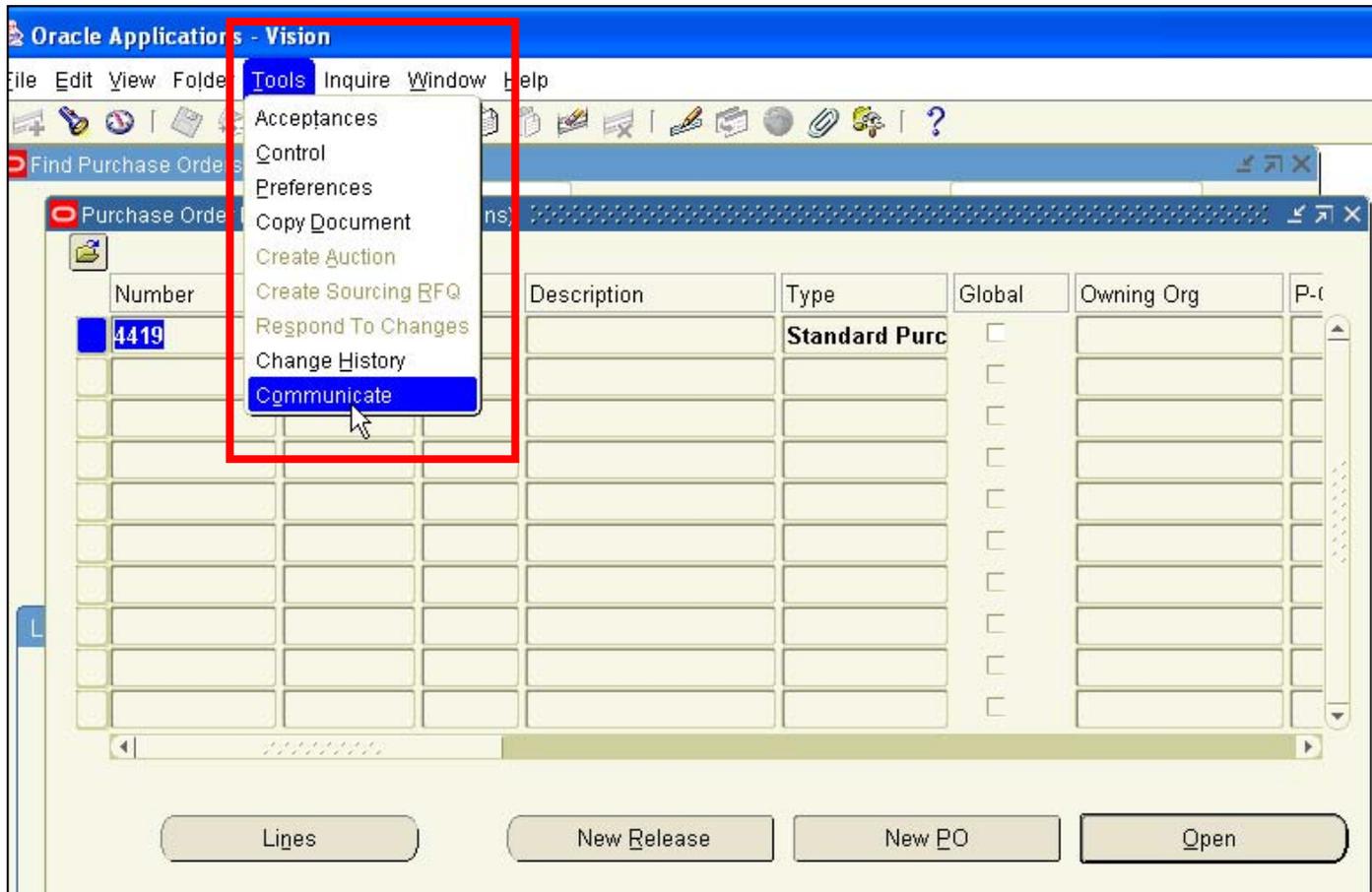
Supplier Notification Method: **E-mail**

**Communication**

Voice: Area Code:  Number:  Telex:

Fax: **804** **897-1638** E-mail: **sales@strsoftware.com**

# PO Submission: PO Communicate



# PO Submission: PO Communicate

Communicate (Vision Operations)

Select one of the communication methods below :

Communication

Print

Fax

Email

Fax number

Email Address

PO without contract terms

Language

OK Cancel

# PO Submission: Submit Request

Navigator - Purchasing Super User

Functions Documents Processes

Requests: Submit Request

Run this Request...

Name **Printed Purchase Order Report(Portrait)** Copy...

Parameters

Language **American English** Language Settings... Debug Options

At these Times...

Run the Job **As Soon as Possible** Schedule...

Upon Completion...

Save all Output Files

Layout

Notify

Print to **development** Options...

Help (C) Submit Cancel

# PO Submission: Submit Request

**Parameters**

Buyer Name, Employee Number:

Purchase Order Numbers From:

To:

Release Numbers From:

To:

Release Dates From:

To:

Approved:

Test:

Print Releases Option:

Sort By:

Dynamic Precision Option:  9,999,999.99

**Fax Enable**  Yes

**Fax Number**

Print Canceled Lines:

## “Fax Enable” Features

- Limited to Only Purchase Orders
- No Email
- Fax Fields Not Pre-Populated
- Only One Purchase Order

# Oracle EBS Confirmation and Management Options

## Document Confirmation and Management: In Oracle EBS

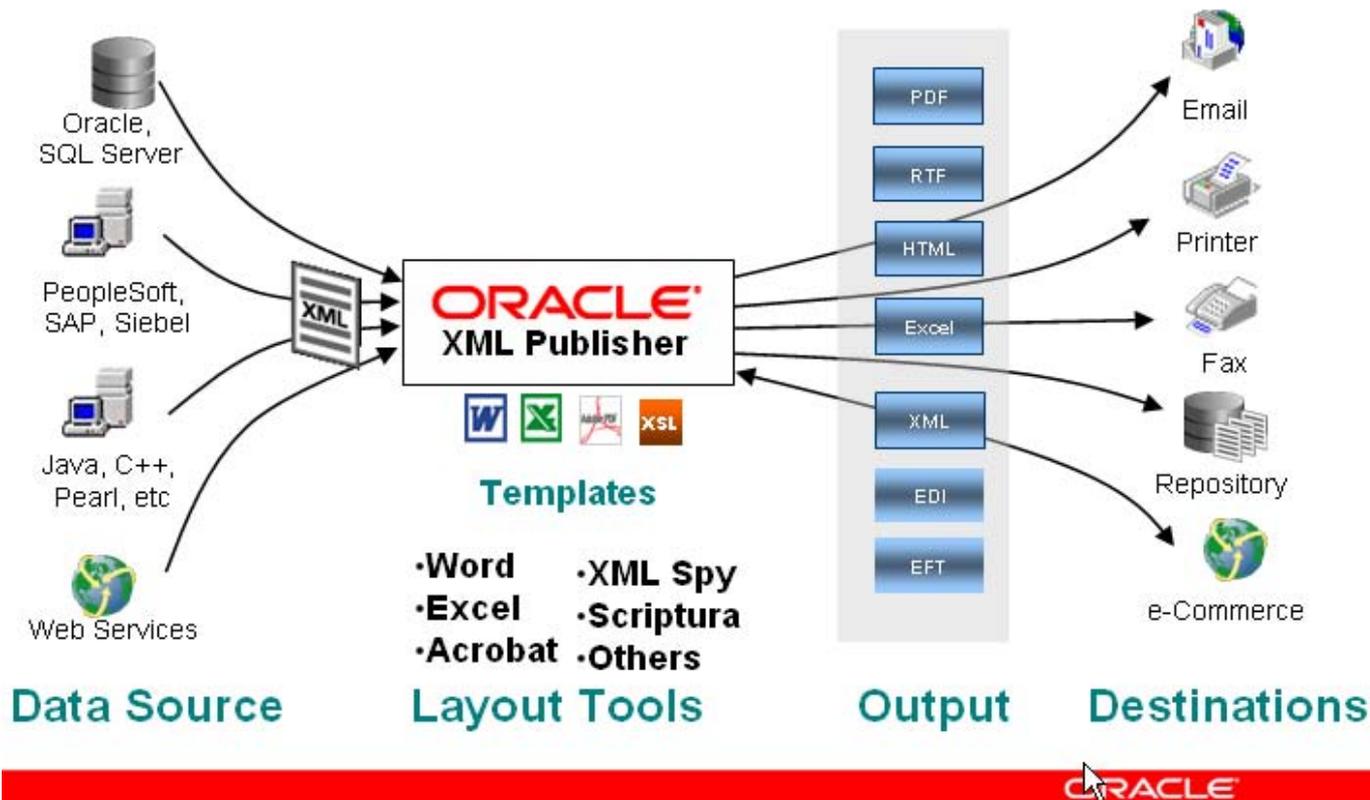
- **Confirmation**
  - For email via workflow mailer, only email bounce backs when email is sent to an invalid address.
- **Management**
  - For fax and email, you are 100% reliant on the 3rd party product you choose to deliver your POs for their acknowledgement and management capabilities.



# Oracle EBS Document Formatting and Delivery with XML Publisher

# Document Delivery with XML Publisher

## From Data to Destination



# PO Transmission: Email – Without XML Publisher

<b>Vision Services</b> 90 Market Street Philadelphia , PA 19103-4211 US		<u>SHIP TO</u> District of Columbia Office used in Services SoB 1401 Pennsylvania Avenue Washington , DC 20002 US		<table border="1"> <tr> <th colspan="2">Purchase Order</th> </tr> <tr> <td>PURCHASE ORDER NO. 3226</td> <td>REVISION 0</td> </tr> </table>		Purchase Order		PURCHASE ORDER NO. 3226	REVISION 0
Purchase Order									
PURCHASE ORDER NO. 3226	REVISION 0								
<u>SUPPLIER</u> Office Supplies, Inc. 3605 Warrensville Center Road Shaker Heights OH 44122		<u>BILL TO</u> District of Columbia Office used in Services SoB 1401 Pennsylvania Avenue Washington, DC 20002 US		<table border="1"> <tr> <td>DATE OF ORDER 10-JUN-04</td> <td>BUYER Chappell, Mr. Ted</td> </tr> <tr> <td>DATE OF REVISION</td> <td>BUYER</td> </tr> </table>		DATE OF ORDER 10-JUN-04	BUYER Chappell, Mr. Ted	DATE OF REVISION	BUYER
DATE OF ORDER 10-JUN-04	BUYER Chappell, Mr. Ted								
DATE OF REVISION	BUYER								
CUSTOMER ACCT. NO.	SUPPLIER NO.	PAYMENT TERMS	FREIGHT TERMS	F.O.B.	SHIP VIA				
	1008	30 Net (terms date + 30)	Due	Origin	DHL				
CONFIRM TO/TELEPHONE				REQUESTOR/DELIVER TO					
Line	Part Number / Description	Delivery Date	Quantity	UOM	Unit Price	Tax	Extended Price		
1	X Business Cards, Box of 250								
	Ship To Please refer to Ship To Address at top of page		2	BOX	(USD)35	N	(USD)70		
<b>Total</b>							(USD)70		

- HTML in Email Body
- Fax and Email Different Look

# PO Transmission: Fax Without XML Publisher

```

{{begin}}{{fax 804-897-1638}}{{doctype pofax}}
                                     4565    0    1

                                     3455 108th Avenue
                                     Seattle, WA 98101
                                     United States

STR Software                          90 Fifth Avenue
11505 Allecingie Parkway              New York, NY 10022-3422
Richmond, VA 23235                   United States
United States

                20025      12-OCT-06 B Lowe

45 Net (terms date + 45)              Origin

Due

All prices and amounts on this order are expressed in : US dollar
1  BUSCARDS                          3.00 BOX          35          105.00  N
   Business Cards, Box of
   250
   o SHIP TO:
     Address at top of page
    
```

- Text output has a few “Fax Tags” in header
- Requires 3<sup>rd</sup> party fax solution to process “Fax Tags”

# PO Approval/Communicate Setup Changes

## 1. Change Concurrent Program output format to XML

*System Administrator → Concurrent → Program → Define*

The screenshot shows the 'Concurrent Programs' window in Oracle System Administrator. The main window is titled 'Concurrent Programs' and displays details for the program 'Print Purchase Orders'. The 'Output' section is expanded, showing the 'Format' dropdown menu set to 'XML'. A red arrow points to this dropdown. Other settings in the 'Output' section include 'Save (C)' checked, 'Print' checked, 'Columns' set to 80, 'Rows' set to 45, and 'Style' set to 'Portrait'. The 'Request' section shows 'Type' as an empty field, 'Incrementor' as an empty field, and 'MLS Function' as an empty field. The 'Executable' section shows 'Name' as 'POXPRPOP' and 'Method' as 'Oracle Reports'. The 'Request' section has several checkboxes: 'Use in SRS' (unchecked), 'Run Alone' (unchecked), 'Enable Trace' (unchecked), 'Allow Disabled Values' (unchecked), 'Restart on System Failure' (checked), and 'NLS Compliant' (checked). The 'Output' section has a 'Printer' field. At the bottom, there are buttons for 'Copy to...', 'Session Control', 'Incompatibilities', and 'Parameters'. On the left, a 'Navigator - System Administrator' window shows the tree structure with 'Concurrent:Program:Define' selected.

# PO Approval/Communicate Setup Changes

## 2. Set PO Output Format to PDF

*Purchasing Superuser → Setup → Organizations → Purchasing Options*

The screenshot shows the 'Purchasing Options (Vision Operations)' window with the 'Control' tab selected. The 'PO Output Format' is set to 'PDF', highlighted by a red arrow. Other settings include Price Tolerance Percentage at 10%, Enforce Full Lot Quantity set to 'Advisory', Receipt Close Point set to 'Received', and Cancel Requisitions set to 'Optionally'. The right side of the window contains several checkboxes, some of which are checked.

Field	Value	Checkbox	Value
Price Tolerance Percentage	10 %	<input type="checkbox"/>	Enforce Price Tolerance Percentage
Price Tolerance Amount		<input type="checkbox"/>	Enforce Price Tolerance Amount
Enforce Full Lot Quantity	Advisory	<input checked="" type="checkbox"/>	Display Disposition Messages
Receipt Close Point	Received	<input checked="" type="checkbox"/>	Notify if Blanket PO Exists
Cancel Requisitions	Optionally	<input checked="" type="checkbox"/>	Allow Item Description Update
PO Output Format	PDF	<input type="checkbox"/>	Enforce Buyer Name
SBI Buying Company Identifier		<input checked="" type="checkbox"/>	Enforce Vendor Hold
		<input type="checkbox"/>	Gapless Invoice Numbering

# PO Approval/Communicate Setup Changes

## 3. Choose your template

*Purchasing Superuser → Setup → Purchasing → Document Types  
(Default: Standard Purchase Order)*

**Document Types (Vision Operations)**

— Document

Type	Subtype	Name	Quotation Class
Purchase Order	Standard	Standard Purchase Ord	

**Attributes**

- Owner Can Approve
- Approver Can Modify
- Can Change Forward-To
- Can Change Forward-From
- Can Change Approval Hierarchy
- Disable

Security Level: **Public**

Access Level: **Full**

Forward Method: **Direct**

Archive on: **Approve**

Default Hierarchy: **Materials**

Approval Workflow: **PO Approval**

Workflow Startup Process: **PO Approval Top Proce**

Approval Transaction Type:

Autocreate Workflow:

Autocreate Workflow Startup Process:

Document Type Layout: **Standard Purchase O...**

# PO Approval/Communicate Setup Changes

## 4. Modify Pre-Seeded XSL-FO Template as necessary

*XML Publisher Administrator > Templates > Modify in Text Editor*

**ORACLE XML Publisher** Close Window Preferences Help Diagnostics

**Templates** Data Definitions Administration

Templates >  
View Template: Standard Purchase Order Stylesheet

**General** Update Edit Configuration

Name: Standard Purchase Order Stylesheet  
 Application: Purchasing  
 Type: XSL-FO  
 Default File: PO\_STANDARD\_XSLFO.xsl  
 Default File Language: English  
 Default File Territory:   
 Description:

Code: PO\_STANDARD\_XSLFO  
 Data Definition: Standard Purchase Order Data Source  
 Start Date: 12-Apr-2004  
 End Date:   
 Subtemplate: No

**Template Files**  
 Preview Format: PDF

File Name	Language	Territory
PO_STANDARD_XSLFO.xsl	English	

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- $Header: PO_STANDARD_XSLFO.xsl 115.12.11510.6 2005/02/14 11:55:54 manram sl -->
<!-- dbdrv: none -->

<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
>

<!-- Attribute Set for table header labels with right align and space at end-->
  <xsl:attribute-set name="table_head">
    <xsl:attribute name="font-size">8pt</xsl:attribute>
    <xsl:attribute name="font-family">Times</xsl:attribute>
    <xsl:attribute name="space-end">3pt</xsl:attribute>
  </xsl:attribute-set>
<!-- Attribute Set for table header labels with right align and space at end-->
  <xsl:attribute-set name="header_head">
    <xsl:attribute name="font-weight">bold</xsl:attribute>
    <xsl:attribute name="font-size">8pt</xsl:attribute>
    <xsl:attribute name="font-family">Helvetica</xsl:attribute>
  </xsl:attribute-set>
  
```



# PO Transmission: Email – With XML Publisher



PO Number	Revision	Page
4562	0	1

Vision Operations  
90 Fifth Avenue  
New York, NY 10022-3422  
United States

Supplier:  
Office Supplies, Inc.  
3605 Warrensville Center Road  
Shaker Heights, OH 44122  
United States

**Ship To:**  
90 Fifth Avenue  
New York, NY 10022-3422  
United States  
**Bill To:**  
90 Fifth Avenue  
New York, NY 10022-3422  
United States

Supplier No. 1009	Order Date 06-OCT-2006	Revision Date	Buyer Green, Terry
Payment Terms 30 Net (terms date + 30)	Ship Via UPS	FOB Origin	

Line	Part Number / Description	Quantity	UOM	Unit Price	Tax	Amount
1	BUSCARDS Business Cards, Box of 250	2	BOX	35	N	70.00
PO Number must appear on all shipping papers, packages, bills of lading, & invoices.				Total:		70.00 (USD)
Subject to attached Terms & conditions.				By		

This template was created by STR Software to demonstrate document delivery of XML Publisher output using our AventX Oracle Connector. For more information contact: sales@strsoftware.com or (804) 897-1800 extension 2

- PDF Attachment
- Fax and Email Look the Same

# PO Transmission: Fax – With XML Publisher

```

|{ (BEGIN) }
|{ (FAX 804-897-1638) }
|{ (ATTACH /disk1/oraapps/vis1comm/admin/out/VIS1_grimlock/o2842252.out) }
|{ (END) }
    
```



Separate fax command file



Vision Operations  
90 Fifth Avenue  
New York, NY 10022-3422  
United States

PO Number	Revision	Page
4562	0	1



Separate PDF data file

Supplier:  
Office Supplies, Inc.  
3605 Warrensville Center Road  
Shaker Heights, OH 44122  
United States

Ship To:  
90 Fifth Avenue  
New York, NY 10022-3422  
United States  
Bill To:  
90 Fifth Avenue  
New York, NY 10022-3422  
United States

Supplier No. 1009	Order Date 06-OCT-2006	Revision Date	Buyer Green, Terry
Payment Terms 30 Net (terms date + 30)	Ship Via UPS	FOB Origin	

Line	Part Number / Description	Quantity	UOM	Unit Price	Tax	Amount
1	BUSCARDS Business Cards, Box of 250	2	BOX	35	N	70.00
Total:						70.00 (USD)
Subject to attached Terms & conditions.				By <i>Ted Chappell</i>		

This template was created by STR Software to demonstrate document delivery of XML Publisher output using our AventX Oracle Connector. For more information contact: sales@strsoftware.com or (804) 897-1800 extension 2

- Requires 3<sup>rd</sup> party fax solution to process command file



## XML Publisher Integration: Recap

- For non XML Publisher purchase orders, fax and email have a different look and feel.
- Easy setup to concurrent program to format document via XML Publisher
- For email, delivery is handled through a separate process, Workflow Mailer
- For fax, commands are simply written out in order for a 3rd party solution to take over and actually fax the document.

# Integrating with Delivery Manager

# Integrating with XML Publisher's Delivery Manager

- What is the “Delivery Manager”
  - A set of JAVA APIs
  - Facilitates the delivery of documents through “Channels”
    - Printer Channel
    - Fax Channel
    - Email Channel
    - WebDAV Channel
    - HTTP / HTTPs Channel
    - FTP Channel
    - “Custom” Delivery Channel

## Integrating with XML Publisher's Delivery Manager

- What is needed to integrate with Delivery Manager?
  - Requires a developer with programming knowledge of JAVA and SQL
  - XML Publisher v5.6.2 or higher
  - BI Publisher v10.1.3.2 or higher

## Integrating with XML Publisher's Delivery Manager

- What are the steps to integrate with Delivery Manager with EBS?
  - Step # 1 - Install and configure 3rd party packages
  - Step # 2 - Develop Java based classes against XML Publisher Delivery Manager API
  - Step # 3 - Integrate Java classes with Oracle EBS
- Transmission via Fax (Two Options)
  - Integrate with CUPS > efax or FAX4CUPS > Fax Modem
  - Create a "Custom Delivery Channel"
- Transmission via Email
  - Uses standard SMTP calls to Delivery Manager API

## Integrating with XML Publisher's Delivery Manager

- Current Fax Limitations when using CUPS
- No user interface to type in fax numbers
- Only allows for one fax number
- Limited functionality using “freeware” applications, i.e. FAX4CUPS, efax
  - Only text and postscript output
  - No document scheduler to handle retries, fax busy signals, etc.
  - Class 2 Fax Modems

# AventX from STR Software

## AventX: Fundamentals of Document Delivery

- Document Submission
- Document Transmission
- Document Acknowledgement
  
- AventX Oracle Connector (AOC)
- AventX Toolkit for Oracle (ATKO)

## AventX Oracle Connector (AOC)

- Any version from 10.7 through R12
- Any output from Oracle Reports and XML Publisher
- Looks like it was written by Oracle themselves
- Document Submission
  - Interactive Delivery
  - Automatic Delivery
  - Application Program Interface (API)

# AOC Submission: Interactive Delivery

- Deliver ANY document to ANY destination using Submit Request

**Submit Request**

**Run this Request...**

Name: **Printed Purchase Order Report(Portrait)** Copy...

Parameters: **All..1169.1171.....Yes..2.No..Yes.No**

Language: **American English** Languages...

**At these Times...**

Run the Job: **As Soon as Possible** Schedule...

**Upon Completion...**

Save all Output Files

Notify: Options...

Print to:

Help (B) Submit Cancel

# AOC Submission: Interactive Delivery

- Common submission interface for ANY Oracle report

Subject:

**Options**

Terms Conditions

Hold

Recipients Acknowledgements Cover Page

Pick list from

Delivery Address	Name	Company
joe.smith@bigcorp.com	Joe Smith	Big Corporation
804-897-1638	Tina Soles	STR Software

Cancel Submit

# AOC Submission: Interactive Delivery

**AvenX(tm) Interactive Delivery**

Subject:

**Options**

Terms Conditions

Hold

Recipients Acknowledgements Cover Page

Email	Name
<input type="text" value="pstock@vision.com"/>	<input type="text" value="Pat Stock"/>
<input type="text" value="jbond@vision.com"/>	<input type="text" value="Jim Bond"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

# AOC Submission: Interactive Delivery

**AventX(tm) Interactive Delivery**

Subject:

**Options**

Terms Conditions

Hold

Recipients   Acknowledgements   **Cover Page**

Name:

Remarks:

# AOC Submission: Automatic Delivery

## Automatic | Batch

**Submit Request**

**Run this Request...**

Name: **Printed Purchase Order Report(Portrait)**

Parameters: **All..800.1000.....Yes..2.No..Yes.No**

Language: **American English**

Buttons: Copy...

Buttons: Language Settings... Debug Options...

**At these Times...**

Run the Job: **As Soon as Possible**

Button: Schedule...

**Upon Completion...**

Save all Output Files

Layout: \_\_\_\_\_

Notify: \_\_\_\_\_

Print to: **AventX Automatic**

Button: Options...

Buttons: Help (C) Submit Cancel

## AOC Submission: API

- Application Program Interface provides ability to submit documents from any location in Oracle EBS (such as workflow, forms, packages, etc.)
- Only requires knowledge of PL/SQL
- Fully documented reference guide with code examples

# AOC Transmission: Attachments

Purchase Orders (Vision Operations) - 4570

PO, Rev **4570** **0** Type **Standard Purchase Order** Created **18-OCT-2006 13:33:13**

Supplier **Office Supplies, Inc.** Site **OFFICESUPPLIES** Contact **Olden, Maxwell**

Ship-To **V1- New York City** Bill-To **V1- New York City** Currency **USD**

Buyer **Soles, Tina** Status **Incomplete** Total **0.00**

Attachments - 4570

Seq	Category	Description	Data Type	May Be Changed
10	To Supplier	Shipping Instructions	File	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Entity Name: PO Header

Open Document...

Document Catalog... Approve...

Include Related Documents

# AOC Acknowledgement: Native Oracle Forms

The screenshot displays two Oracle Forms windows. The background window shows a table of fax delivery status for Request ID 2789607. The foreground window provides a detailed view of the entry with Fax ID BRAA0001.

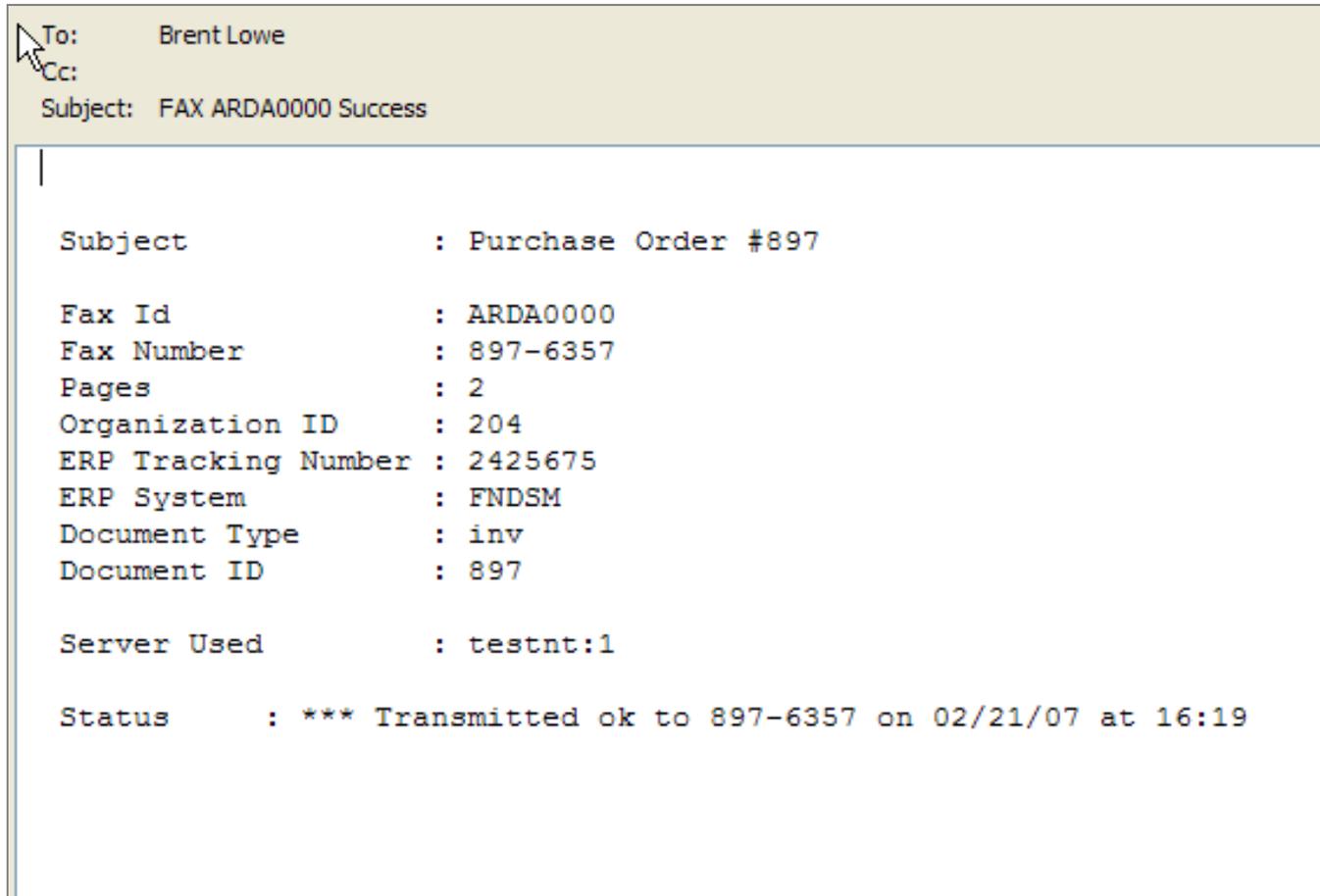
Fax ID	Delivery Address	Subject	Date	Status	Status Message	Host
BRAA0000	2162833365	Purchase Order #1171	07-MAR-06 10:38 AM	Ready		grimlock
BRAA0001	olden.maxwell@strso	Purchase Order #1171	07-MAR-06 10:42 AM	Success	No msg	grimlock
CRAA0000	4045559177	Purchase Order #1169	07			
CRAA0001	8971638	Purchase Order #1169	07			
DRAA0000	2037969000	Purchase Order #1170	07			
p3	PRINTJOB		07			

Request ID	2789607	Fax ID	BRAA0001
Login	TSOLES	Hostname	grimlock
Subject	Purchase Order #1171		
<b>Recipient</b>			
Delivery Address	olden.maxwell@strsoftware.com		
To	Maxwell Olden		
Company	Office Supplies, Inc.		
<b>Transmission</b>			
Status	Success		
Status Message	No msg		
Transmission Date	07-MAR-06 10:42 AM	Pages	3 of 3

Buttons: Refresh Data, Manage Document, OK

# AOC Acknowledgement: Confirmation Emails



# AOC Acknowledgement: Reporting

The image shows two overlapping dialog boxes from the Oracle AOC interface. The background dialog is titled 'Submit Request' and contains the following fields:

- Run this Request...** (with a 'Copy...' button)
- Name:** AventX Oracle Connector Admin Report
- Parameters:** (empty text field)
- Language:** American English

The foreground dialog is titled 'Parameters' and contains the following fields:

- Report Type:** Summary (dropdown menu)
- Start Date:** (empty text field)
- End Date:** (empty text field)
- Document Type:** (empty text field)
- User Name:** (empty text field)
- Org ID:** (empty text field)
- Request ID:** (empty text field)
- Delivery Address:** (empty text field)
- Show Successful:** Y
- Show Unsuccessful:** Y
- Show Format Errors:** Y
- Show Statistics:** Y

At the bottom of the 'Parameters' dialog are buttons for 'OK', 'Cancel', 'Clear', and 'Help'.

# AOC: Fundamentals of Document Delivery

- Document Management in Oracle EBS
  - Allows user to resend documents that fail or need to be resent from inside of Oracle EBS

AverIX(m) Delivery Status: Administrator

Fax ID	Delivery Address	Subject	Date	Status	Status Message	Host
FRAA0000	2162833365	Purchase Order #4501	07-MAR-06 11:23 AM	Ready		grimlock
FRAA0001	pstock@vision.com	Purchase Order #4501	07-MAR-06 11:23 AM	Success	No msg	grimlock
FRAA0002	lbrown@rgtsinc.com	Purchase Order #4501	07-MAR-06 11:23 AM	Success	No msg	grimlock

Buttons: Refresh Data | **Manage Documents** | View Details...

## AventX Toolkit for Oracle

- What is it?
  - Truly a toolkit that leverages XMLP Delivery Manager
- Who is it aimed at?
  - XMLP consultants and companies that would prefer to ‘build their own’ solution
- How is it implemented?
  - AventX Software installs in less than 30 minutes
  - Using sample code, you can create a working system in less than a day!

## AventX Toolkit for Oracle

- What tools does it provide?
  - CUPS printer to fax and email
    - Simple. Dynamic fax/email info but all confirmations and cover page info is 'hard coded'
  - Custom channel to fax and email
    - Different properties for multiple destinations, cover page, confirmations and acknowledgement
  - Bursting tools
  - Working examples and sample code

## AventX Toolkit for Oracle

- Why use this toolkit?
  - Better Submission
    - Single source – all email and faxes flow through same queue for easy management
    - Deliver ANY document type from PDF, TEXT, PCL, PS, MS office documents and more
  - Better Transmission
    - Choice of delivery mechanisms via premise-based multi-line network fax servers and ASP fax servers
    - Include multiple email attachments and dynamic email message bodies

## AventX Toolkit for Oracle

- **Better Acknowledgement**
  - Multiple email confirmations based on the success or failure of a document
  - Multiple management interfaces for users and administrators to redeliver or correct errant document information
- **Better support – NOT freeware**
- **Simply better and easier to use!**

## Success Stories: A Common Theme

- Desire to Fax using XML Publisher Output
- Existing Fax Solution
- Short Timeframe

## Document Delivery at Equinix

Rishi Sethi, Director of IT Applications, Equinix

- StreamServe formatting package for checks, consolidated invoices, purchase orders, etc.
- AventX installed in fall 2000 and used for fax and email of StreamServe output for invoices and POs
- Upgraded Oracle EBS to v11.5.10 in August 2006
- Converted consolidated statements to XML Publisher
  - 800 to 1000 invoices in a batch run monthly
  - Other documents to be converted soon
- AventX has been used in conjunction with XML Publisher for the document delivery through Fax and Email

## Benefits Enjoyed from XMLP and AventX

“Since upgrading to v11.5.10 and converting the consolidated invoice statements to XML Publisher, our users and support staff are much happier with the improvements to system performance and document maintenance. Best of all, we continue to benefit from automated document delivery with AventX. The team at STR Software is extremely helpful, knowledgeable and always available to help me and my team. We like that in a vendor!”

*Rishi Sethi*

*Director IT Applications, Equinix*

## Polk County (Bartow, FL)

- June 26th: Contacted STR Software
- June 27th: Attended web demo
- July 19th: Issued PO for AventX
- September 21st: Completed remote installation of AventX
- October 6th: AventX goes live

Daily Usage: Fax 100 outbound pages of POs

“The demonstration proved that the product supports ‘out of the box’ advanced features of XML Publisher. We were especially impressed with how your demonstrator effortlessly weaved through the screens, queries, commands, reports, etc. You clearly know Oracle...Our users will never leave Oracle EBS to deliver and manage their Purchase Orders.”

*Buddy Storey  
Purchasing Director, Polk County*



- December 19th: Contacted STR Software
- January 4th: Attended web demo
- January 9th: Issued PO for AventX
- Jan 18th & 19th: On-site installation
- January 19th: AventX goes live

Daily Usage: Outbound faxing of 800  
invoices and purchase orders (10% emailed)



“There is a huge advantage when you take the time for a thorough competitive review of products, including a live demonstration, and choose a software solution engineered to provide the latest functionality and exceptional customer service.”

*Steve Peppard, CIO  
American Tire Distributors*



- July 10th: Contacted STR Software
- July 12th: Attended web demo
- July 14th: Issued PO for AventX
- July 31st: AventX and Oracle EBS go live

Daily Usage: Fax 50 outbound POs & RFQs

“After viewing your web demo of AventX, I knew that our current solution was not going to meet my same level of satisfaction.”

*Karen Thingelstad, Procurement Manager  
Minnkota Power Cooperative*

“Our PO and RFQ templates are working without a hitch, we can fax and email the same document to multiple locations, just like we envisioned... STR Software also has the option of faxing from the PO Approval or Summary forms; AventX is integrated extremely well with Oracle.”

*Tim Sanger, Systems Programmer II  
Minnkota Power Cooperative, Inc.*



- April 26th: Consultant contacts STR Software
- April 27th: Remote installation of AventX
- May 18th: PO issued for AventX
- June 12th: AventX is implemented and goes live

Daily Usage: Fax 2,500 to 3,000 pages of outbound purchase orders

“I have been in IT for over thirty-five years,  
and never, in my life, have I found a  
product that was installed in one day and  
has been used flawlessly ever since.”

*Dave Fitzsimmons, VP of Corporate Systems  
Rogers Communications, Inc.*

## Summary

- Native functionality of Oracle EBS for email and fax is limited to single document purchase orders ONLY
- XMLP formatted purchase order output is delivered the same for email, fax and print
- Java delivery manager is a start for document delivery but requires programming talent to complete
- Third-party solution is required for actual “fax delivery”
- Search for a solution that makes it easy for the Oracle user to submit, transmit and confirm delivery of ANY document
- Questions? Call Ben Bruno at 800-897-7097 x100 or email at [ben.bruno@strsoftware.com](mailto:ben.bruno@strsoftware.com) or web [www.strsoftware.com](http://www.strsoftware.com)



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# Q & A