

Bill Presentment Architecture : A Flexible Invoicing Solution : Let's Get Those Bills Paid On Time !

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Introduction

This presentation gives an insight into Oracle's Bill Presentment Architecture in R12. It describes setups that can be accomplished by an end user with minimal technical assistance, with the focus on interaction with various Oracle modules to retrieve billing data, and offers tips for implementing all the functionality needed for a full-fledged invoicing solution. It also shares industry best practice invoicing formats and explains the flexibility of various delivery options available out-of-the-box.

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1 DOCUMENT PURPOSE

This document provides the necessary guidance for using Bill Presentment Architecture Feature of Oracle.

The target audience for this document is Functional Implementers and Implementation Consultants for Oracle EBusiness Suite applications.

2 UNDERSTANDING BPA

2.1 Overview

1. Oracle Bill Presentment Architecture is a bill presentment tool that helps to create and present comprehensive and more-customer-focused invoices that increase the likelihood and timeliness of payment.
2. BPA provides the architecture to retrieve billing data from multiple data sources, including transaction flexfields and other data not interfaced and stored in Oracle Receivables. This means that the physically presented bill is no longer limited to information contained within Oracle Receivables. BPA provides template-based configuration of online and printed bills, thereby giving the ability to select the content of the bill, choose the layout design, display parent billing lines and drilldown details, and then set up the assignment of these billing templates by defining rules based on criteria. Oracle BPA is part of the Oracle E-Business Suite, an integrated set of applications that are engineered to work together.
3. BPA provides all the invoice specific functionality needed for a full-fledged invoicing solution from Applications

2.2 Framework And Illustration

BPA helps bypass the complex coding and customization traditionally associated with creating customer or industry centric invoices. It can help lower the cost of doing business while increasing the efficiency of billing and collections groups. Using an intuitive, easy-to-use portal page, we can graphically design the content and layout of the invoices, as well as dictate the source of billing data.

By following a simple five-step process, we can create a customized billing template, and preview it with actual transaction data.

1. **Create Template to present bills**
2. **Template Assignment**
3. **View online bills**
4. **Register Data Sources**
5. **Print BPA invoices**

Each of these steps are indicated below with appropriate screenshots

2.2.1 Create Template To Present Bills

The next step is to design billing templates for each transaction class, choosing the layout and content to determine how the billing data should appear in an online or printed bill. We can design custom templates or use the default invoice template provided by Oracle

The following screenshots illustrate the steps to create a custom bill template

Template Management > Templates > Create Template: General Information

ORACLE Bill Management

Home Logout Preferences Help Personalize Page Diagnostics

Template Management | Template Assignment | Print Management | Configuration

Templates | Content Items | External Templates

General Information | Primary Page Design | Details Page Design | Print Setup | Preview

Create Template: General Information

* Indicates required field

Cancel Save Step 1 of 5 Next Finish

* Template Name: HL Custom Invoice Template

Template Description: HL Custom Invoice Template

Transaction Class: Invoice

Primary Data Source: Oracle Receivables

Supplementary Data Source: None

Tax Format: Oracle Receivables Tax Printing Option

Cancel Save Step 1 of 5 Next Finish

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help | Personalize Page | Diagnostics

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Define a template name for a specific transaction class and primary data source as shown in above screenshot

Template Management > Templates > Create Template: Primary Page Design

General Information | Primary Page Design | Details Page Design | Print Setup | Preview

Create Template: Primary Page Design

Template: HL Custom Invoice Template II

Cancel Save Back Step 2 of 5 Next Finish

Show Icon Legend

Header Select Content and Layout

Lines and Tax

Footer

To design the primary page of the template, use 'Select Content and Layout' icons for the three blank content areas: Headers, Lines and Tax, and Footer

Using the icons, we can perform additional operations like splitting the content areas horizontally and vertically; moving swapping or duplicating the content items and layout; and updating properties like spacing, width and labels

Primary Page Design > Header > Select Content and Layout - I

General Information | Primary Page Design | Details Page Design | Print Setup | Preview

Primary Page Design: Select Content and Layout

Template: HL Custom Invoice Template

Content Area: Header

Cancel Apply

Content

Select available content items to add to the content area. Use the reorder icons to specify the content order.

Data Source View: Oracle Receivables : Invoice Header: View Go

Available Content Items

Selected Content Items

Operating Unit Name

Outstanding Balance

Outstanding Balance With Tokens

Payments and Credits

Primary Sales Rep Name

Purchase Order Number

Purchase Order Revision

Remaining Charges

Remaining Freight

Remaining Line Amount

Remaining Tax

Bill To Customer Name

Bill To Address Formatted

Ship To Customer Name

Ship To Address Formatted

Remit To Address Formatted

Transaction Number

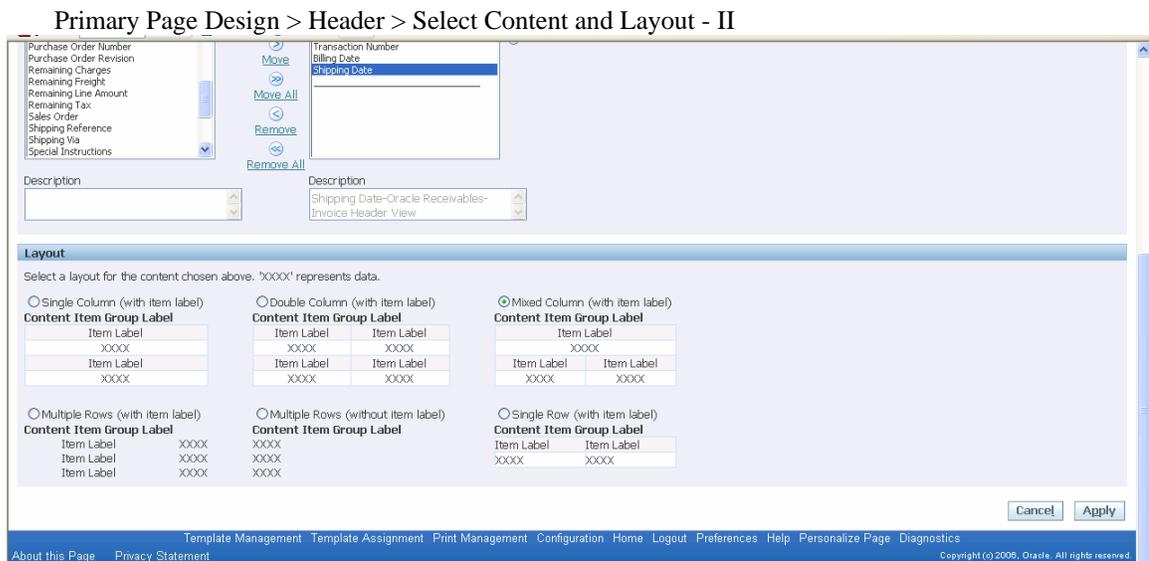
Billing Date

Shipping Date

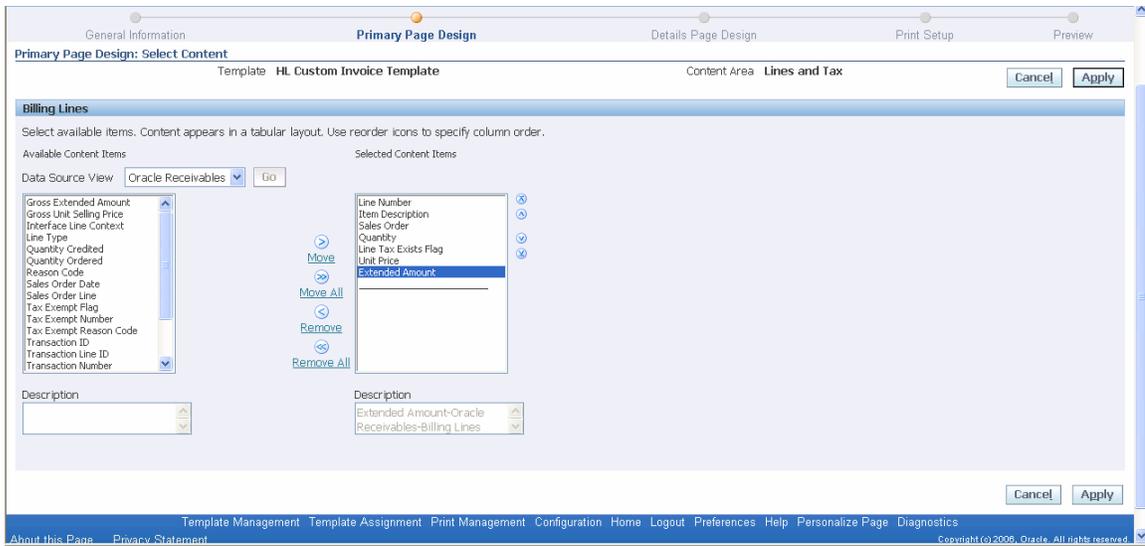
Move

Move All

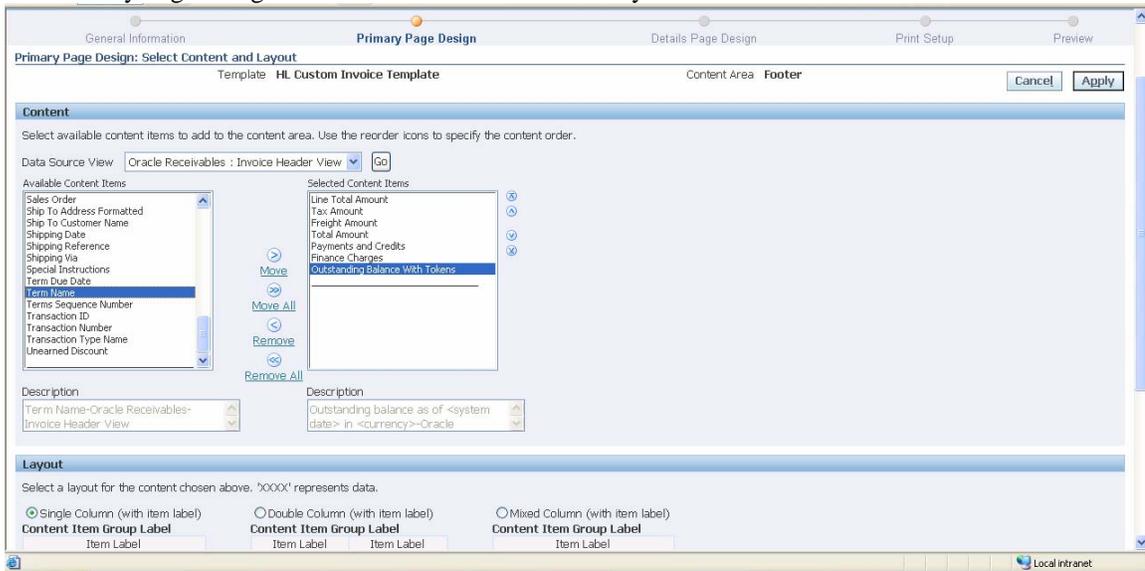
Fig a. Content Area -> Header



Primary Page Design > Lines and Tax > Select Content and Layout



Primary Page Design > Footer> Select Content and Layout



Once the content and layout for each section is selected, the Invoice template will appear as given below:

Header						
Bill To Customer Name <Bill To Customer Name>						
Bill To Address Formatted <Bill To Address Formatted>			Ship To Customer Name <Ship To Customer Name>			
Remit To Address Formatted <Remit To Address Formatted>			Ship To Address Formatted <Ship To Address Formatted>			
Shipping Date <Shipping Date>			Billing Date <Billing Date>		Transaction <Transaction Number>	
Lines and Tax						
Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
<Line Number>	<Item Description>	<Sales Order>	<Quantity>	<Line Tax Exists Flag>	<Unit Price>	<Extended Amount>
Footer						
Tax <Tax Amount>			SubTotal <Line Total Amount>		Shipping <Freight Amount>	
Payments and Credits <Payments and Credits>			Total <Total Amount>		Financial Charges <Finance Charges>	
Outstanding balance as of <system date> in <currency> <Outstanding Balance With Tokens>						

Template Management > Templates > Create Template: Print Setup

General Information Primary Page Design Details Page Design **Print Setup** Preview

Create Template: Print Setup Template: **HL Custom Invoice Template** Cancel Save Back Step 4 of 5 Next Finish

Enter page dimensions in whole numbers or decimals.
* Indicates required field

Page Setup

Page Setup: A4
Unit of Measure: Inches

* Paper Height: 11.69
* Paper Width: 8.27
* Top Margin: 0.5
* Bottom Margin: 0.5

* Right Margin: 0.5
* Left Margin: 0.5
Page Number: Top Left
Font: Arial
Font Size: 10pt

Header Options

Header Display: Primary Header first page
 Primary Header every page
 Primary Header first page, Secondary Header all other pages

Footer Options

Footer Display: Primary Footer last page only
 Primary Footer every page

Cancel Save Back Step 4 of 5 Next Finish

Template Management Template Assignment Print Management Configuration Home Logout Preferences Help Personalize Page Diagnostics

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Enter information for the layout of the printed bill in the Print Setup step

Template Management > Templates > Create Template: Preview

Given below are the preview of the default Invoice template provided by Oracle. The default invoice template has been split into two screenshots below for better viewing.

Default Invoice Template - I

Show Icon Legend

Logo Area
<Company Logo>

Bill-to Address Bill To: <Bill To Customer Name> <Bill To Address Formatted>	Ship-to Address Ship To: <Ship To Customer Name> <Ship To Address Formatted>	Space Area	Remit Message Area <Default Message 1>
Remit-to Address Remit To: <Remit To Address Formatted>		Trans Number, Dates Invoice <Transaction Number> Billing Date Shipping Date <Billing Date> <Shipping Date>	
PO,SO Numbers Purchase Order Number <Purchase Order Number> Sales Order <Sales Order>		Shipping, Cust Ref Shipping Reference Ship Via <Shipping Reference> <Shipping Via> Customer Number Customer Location <Customer Number> <Customer Location>	

Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax
<Term Name>	<Term Due Date>	<Primary Sales Rep Name>	<Customer Contact Name>	<Customer Phone>	<Customer Fax>

Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
-----------------	--------------------	---------------------------	-------------------------	------------	-------------------	------------------------

Default Invoice Template - II

	<Customer Number> <Customer Location>
--	--

Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax
<Term Name>	<Term Due Date>	<Primary Sales Rep Name>	<Customer Contact Name>	<Customer Phone>	<Customer Fax>

Item Num	Description	Sales Order Number	Quantity Shipped	Tax	Unit Price	Extended Amount
<Line Number>	<Item Description>	<Sales Order>	<Quantity>	<Line Tax Exists Flag>	<Unit Price>	<Extended Amount>

Special Instructions <Default Message 2> <Default Message 3>	Invoice Subtotals SubTotal <Line Total Amount> Tax <Tax Amount> Shipping <Freight Amount> Total <Total Amount>
Instructions Area	Invoice Payments Payments and Credits <Payments and Credits> Financial Charges <Finance Charges> Outstanding balance as of <Outstanding Balance With <system date> in <currency> Tokens>

Cancel Save Back Step 2 of 5 Next Finish

Template Management Template Assignment Print Management Configuration Home Logout Preferences Help Diagnostics

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Template Management > Templates > Search Template

Note that the search is case insensitive

Template Name: HL Custom Invoice Template

Primary Data Source: [Dropdown]

Transaction Class: [Dropdown]

Supplementary Data Source: [Dropdown]

Tax Format: [Dropdown]

Format: [Dropdown]

Status: [Dropdown]

Go Clear

Select Template: Mark as Complete Go Create

Select	Template Name	Primary Data Source	Supplementary Data Source	Transaction Class	Tax Format	Template Format	Status	Update	Duplicate	Delete	Interactive Preview
<input checked="" type="checkbox"/>	HL Custom Invoice Template	Oracle Receivables	None	Invoice	Oracle Receivables Tax Printing Option		Incomplete				

The last template creation step involves marking the template as 'Complete'

2.2.2 Template Assignment

This step consists of:

- Defining Rules
- Assigning Template to Rule

BPA uses rules to determine which template to use to display online or print a bill. When we define a rule, we specify one or more criteria for content item values. We can create different rules to assign templates to present online bills and printed bills. When we select a bill to view online or print, BPA reviews the rules in the order we specify until it finds a match, and then uses the template associated with the rule to format the bill

Template Assignment > Assignment Rules

Template Assignment: Assignment Rules >

Create Assignment Rule: General Information

* Indicates required field

Rule Name: HL Custom Invoice Rule

Rule Description: HL Custom Invoice Rule

Primary Data Source: Oracle Receivables

Supplementary Data Source: None

Cancel Continue

Rule Order

Select the order to apply this rule for the online bill and printed bill. Choice lists display the current order.

Online Bill

Insert: First After rule: Default Invoice Rule-2

Printed Bill

Insert: First After rule: Default Invoice Rule-2

Attribute Matching Criteria

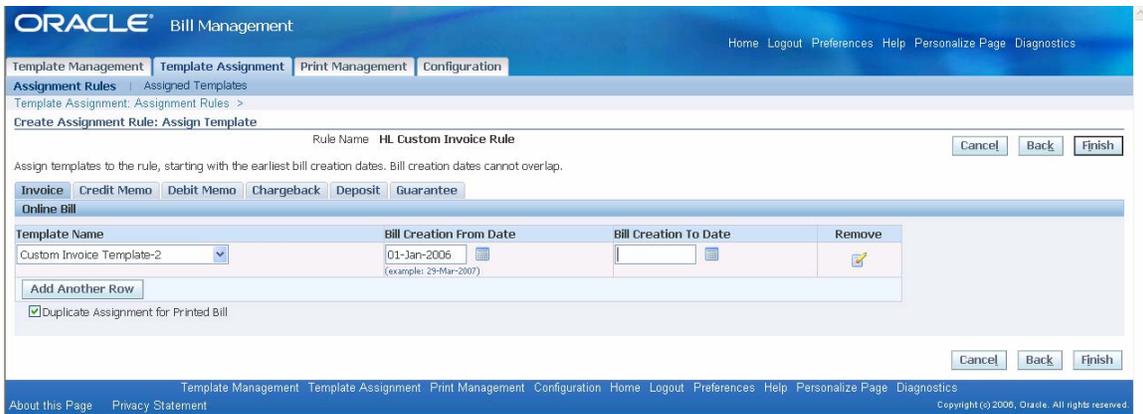
Select attributes and enter matching criteria.

Match: All attributes Any attributes

Attribute Name	Condition	Value	Remove
No data exists.			
Add Attribute	Batch Source		Go

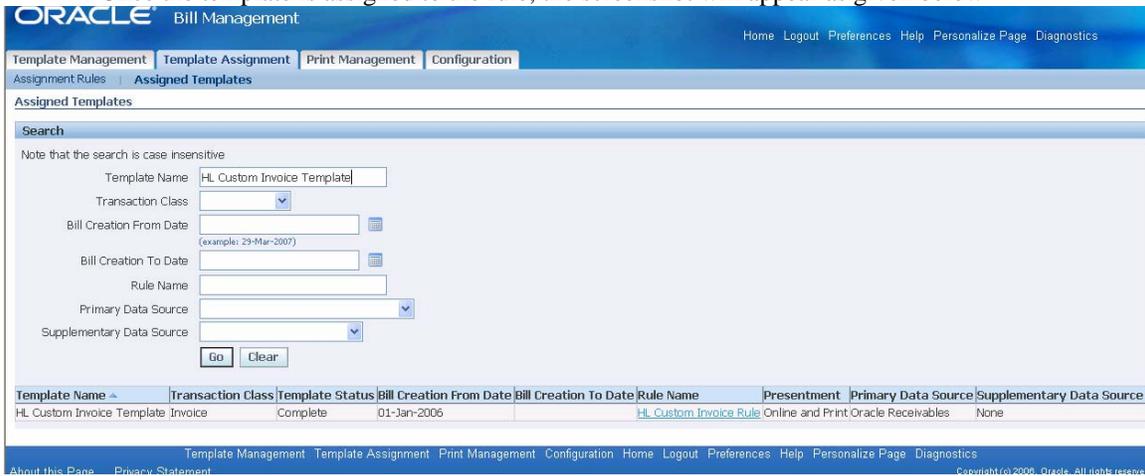
Define a rule name and specify the attribute matching criteria

Assign a template to the rule defined in above step



Template Assignment > Assigned Templates

Once the template is assigned to the rule, the screenshot will appear as given below



2.2.3 View Online Bills

Internal users and external customers can view bills online using Oracle Receivables, Oracle iReceivables, Oracle Collections or other calling application. When a user selects a transaction number, the assignment engine in BPA determines which template to use to display the bill. When viewing a bill, all the features and functionality of BPA's Interactive Preview, such as drilldown to transaction details are available to the user.

Navigate to Template Management section and select the template we wish to interactively preview. Click on Interactive preview icon

ORACLE Bill Management

Home Logout Preferences Help Personalize Page Diagnostics

Template Management | **Template Assignment** | Print Management | Configuration

Templates | Content Items | External Templates

Templates

Search

Note that the search is case insensitive

Template Name: HL Custom Invoice Template

Primary Data Source: [Dropdown]

Transaction Class: [Dropdown]

Supplementary Data Source: [Dropdown]

Tax Format: [Dropdown]

Format: [Dropdown]

Status: [Dropdown]

Go Clear

Select Template: Mark as Complete [Dropdown] Go Create

Select All Select None

Select	Template Name	Primary Data Source	Supplementary Data Source	Transaction Class	Tax Format	Template Format	Status	Update	Duplicate	Delete	Interactive Preview
<input checked="" type="checkbox"/>	HL Custom Invoice Template	Oracle Receivables	None	Invoice	Oracle Receivables Tax Printing Option		Complete				

Select to interactively preview template

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help | Personalize Page | Diagnostics

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Select the transaction number and click on Online Preview icon

Search

Search for a transaction to preview the template.

Operating Unit: Vision Operations

Transaction Number Low: [Input]

Transaction Number High: [Input]

Customer Name: [Input]

Transaction Class: **Invoice**

Primary Data Source: **Oracle Receivables**

Supplementary Data Source: **None**

Go

Select Transactions: Print

Previous 1-10 Next 10

Select All Select None

Select	Transaction Number	Operating Unit	Transaction Class	Customer Name	Online Preview	Print Preview
<input type="checkbox"/>	10000000	Vision Operations	Invoice	World of Business		
<input type="checkbox"/>	10000041	Vision Operations	Invoice	World of Business		
<input checked="" type="checkbox"/>	10000061	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000062	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000063	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000064	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000065	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000066	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000067	Vision Operations	Invoice	Computer Service and Rentals		
<input type="checkbox"/>	10000068	Vision Operations	Invoice	World of Business		

The screenshot given below shows a preview of the online bill

Your Company Logo

Bill To:
Computer Service and Rentals
301 Summit Hill Drive
CHATTANOOGA, TN 37401

Ship To:
Computer Service and Rentals
50 King Street
TORONTO ONTARIO M5H3Y2
CANADA

Remit To:
PO Box 680978
ATTN: Accounts Receivable
Vision Corporation
NEW YORK, NY 10022

Please include the invoice number on all remittances and include remittance copy with postal payments.

Invoice	
10000061	
Billing Date	Shipping Date
04-Jan-1996	04-Jan-1996
Purchase Order Number	
Sales Order	
11000	
Shipping Reference	Ship Via
Customer Number	Customer Location
1006	Chattanooga (CPS)

Terms	Due Date	Salesperson	Customer Contact	Contact Phone	Contact Fax
Net 15	19-Jan-1996	Manley, Ms. Elaine			

Item Num	Description	Quantity	Shipped	Tax	Unit Price	Extended Amount
1	Consulting/Training	20	No		1,100.00	22,000.00
2	Sentinal Multimedia	150	No		10,000.00	1,500,000.00

Special Instructions
For questions regarding this invoice, please contact salesperson.
A 1.5% finance charge is added to all past due invoices. All software is licensed in accordance with the terms and conditions of the Software License and Services agreement or the referenced GSA Schedule contract.

SubTotal	1,522,000.00
Tax	0.00
Shipping	0.00
Total	1,522,000.00
Payments and Credits	1,522,000.00
Financial Charges	0.00
Outstanding balance as of 29-Mar-2007 in CAD	0.00

About this Page

2.2.4 Data Retrieval

- Register Oracle applications and third-party data sources and their corresponding database views and content items
- Support Oracle Receivables transaction flexfields
- Retrieve billing data from multiple data sources at runtime
- Pre-defined data sources include Oracle Receivables, Oracle Service Contracts, and Oracle Order Management

Data Sources

Oracle Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Data Sources

Search

Note that the search is case insensitive

Data Source Name:

Data Source Description:

Data Source Level:

Oracle Receivables Interface Context:

Status: Enabled

Go Clear

Select Data Source: Mark as Enabled Go Register

Select All | Select None

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input checked="" type="checkbox"/>	Oracle Projects	Oracle Projects	Supplementary	PA INVOICES	Enabled				
<input type="checkbox"/>	Oracle Receivables	Oracle Receivables	Primary		Enabled				
<input type="checkbox"/>	Oracle Receivables Balance Forward	Oracle Receivables Balance Forward	Primary		Enabled				

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Register Data Source

ORACLE Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources >

Register Data Source

* Indicates required field

* Data Source Name:

Data Source Description:

Data Source Level: **Supplementary**

* Oracle Receivables Interface Context:

Cancel Apply

Cancel Apply

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Search Context Code

Cancel Select

Search

To find your item, select a filter item in the pulldown list and enter a value in the text field, then select the "Go" button.

Search By:

Results

Select	Quick Select	Context Code	Context Name	Description
<input checked="" type="radio"/>		PA INVOICES	PA INVOICES	Project Accounting Invoices
<input type="radio"/>		PA Internal Invoices	PA Internal Invoices	Project Accounting Internal Invoices

Results: Oracle Receivables Interface Context

Register Data Source

ORACLE Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources >

Register Data Source

* Indicates required field

* Data Source Name:

Data Source Description:

Data Source Level: **Supplementary**

* Oracle Receivables Interface Context:

Cancel Apply

Cancel Apply

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Register Data Source – Confirmation

Oracle Bill Presentation A... x Oracle Bill Presentation Archi... Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Confirmation
Data source Projects has been registered.

Data Sources

Search
Note that the search is case insensitive

Data Source Name:
 Data Source Description:
 Data Source Level:
 Oracle Receivables Interface Context:
 Status: Enabled
 Go Clear

Select Data Source: Mark as Enabled Go Register

Select All | Select None

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input type="checkbox"/>	Oracle Projects	Oracle Projects	Supplementary	PA INVOICES	Enabled				
<input type="checkbox"/>	Oracle Receivables	Oracle Receivables	Primary		Enabled				
<input type="checkbox"/>	Oracle Receivables Balance Forward	Oracle Receivables Balance Forward	Primary		Enabled				

Synchronize Data Source

Oracle Bill Management Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Data Sources

Search
Note that the search is case insensitive

Data Source Name:
 Data Source Description:
 Data Source Level:
 Oracle Receivables Interface Context:
 Status: Disabled
 Go Clear

Select Data Source: Mark as Enabled Go Register

Select All | Select None

Select	Data Source Name	Data Source Description	Data Source Level	Oracle Receivables Interface Context	Status	Update	Synchronize	Views	Delete
<input type="checkbox"/>	OKL Contracts	OKL Contracts	Supplementary	OKL_CONTRACTS	Disabled				
<input type="checkbox"/>	Oracle Order Management	Oracle Order Management	Supplementary	ORDER ENTRY	Disabled				
<input type="checkbox"/>	Oracle Service Contracts	Oracle Service Contracts	Supplementary	OKS CONTRACTS	Disabled				
<input checked="" type="checkbox"/>	Projects	Data Source for Projects	Supplementary	PA Internal Invoices	Disabled				
<input type="checkbox"/>	XX2054	Test 2054 Supp Data Source	Supplementary	ORDER ENTRY	Disabled				

Synchronize Flexfield Content Items

ORACLE Bill Management

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Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources >

Synchronize Hexfield Content Items

Data Source: Projects

Cancel Apply

Header and Footer

Column Name	*Item Name	Item Display Label	Template Item	Assignment Attribute
No results found.				

Lines and Tax

Column Name	*Item Name	Item Display Label	Template Item
INTERFACE_LINE_ATTRIBUTE1	Provider Project Number	Provider Project Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE2	Draft Invoice Number	Draft Invoice Number	<input checked="" type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE3	Receiving Operating Unit	Receiving Operating Unit	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE4	Project Manager	Project Manager	<input checked="" type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE5	Cross Charged Project Number	Cross Charged Project Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE6	Line Number	Line Number	<input type="checkbox"/>
INTERFACE_LINE_ATTRIBUTE7	Type	Type	<input type="checkbox"/>

Cancel Apply

Register View

ORACLE Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources > Views >

Register View: General Information

Data Source: Projects
Display Area: Header and Footer

Cancel Continue

* Indicates required field

* View Name

View Description

* Display Name

Appears as a choice in Template Management

Cancel Continue

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Search and Select View

Search and Select: View Name

Cancel Select

Search

To find your item, select a filter item in the pulldown list and enter a value in the text field, then select the "Go" button.

Search By:

Results

Select	Quick Select	Object Name	Object Type	Status
<input type="radio"/>	<input type="checkbox"/>	ARBPA_PABV_CUSTOMER_INVOICES	VIEW	VALID

Cancel Select

Register View: General Information

Oracle Bill Management

Home Logout Preferences Help

Template Management | Template Assignment | Print Management | Configuration

Data Sources | Hyperlinks

Configuration: Data Sources > Views >

Register View: General Information

Data Source: **Projects** Display Area: **Header and Footer**

* Indicates required field

* View Name:

View Description:

* Display Name: Appears as a choice in Template Management

Template Management | Template Assignment | Print Management | Configuration | Home | Logout | Preferences | Help

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Register View: Parameters and Content Items

Data Sources | Hyperlinks

Configuration: Data Sources > Views >

Register View: Parameters and Content Items

Data Source: **Projects** Display Area: **Header and Footer** View Display Name: **Projects Customers**

Parameters

Select column name and value to filter the view.

Parameter Type	Column Name	Value	Remove
No data exists			
<input type="button" value="Add Parameter"/>	<input type="text" value="Fixed Value"/>	<input type="button" value="Go"/>	

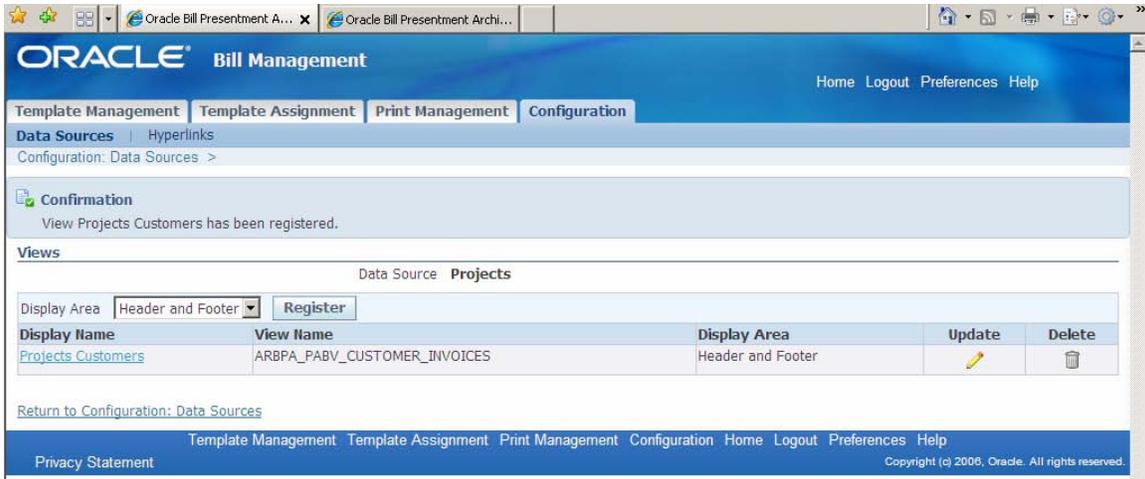
Content Items

Previous 1-10 Next 10

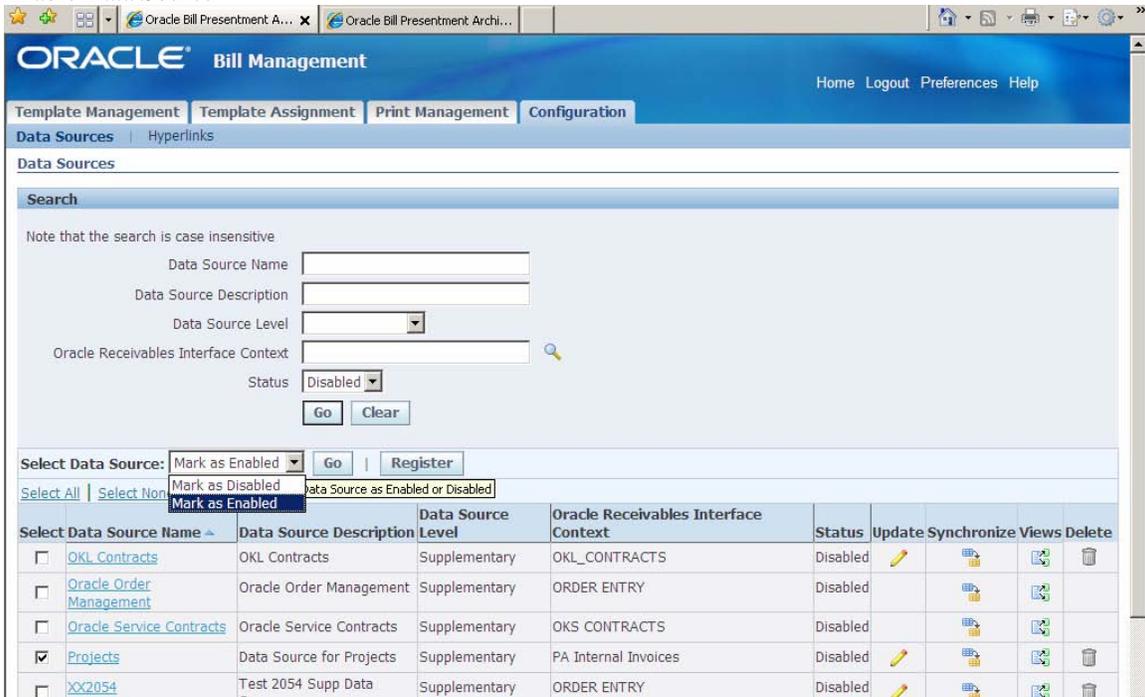
Column Name	*Item Name	Item Display Label	Template Item
AGREEMENT_ID	Agreement Id	Agreement Id	<input checked="" type="checkbox"/>
APPROVED_BY_PERSON_ID	Approved By Person Id	Approved By Person Id	<input checked="" type="checkbox"/>
APPROVED_DATE	Approved Date	Approved Date	<input checked="" type="checkbox"/>
AR_INVOICE_NUMBER	Ar Invoice Number	Ar Invoice Number	<input checked="" type="checkbox"/>
BILL_THROUGH_DATE	Bill Through Date	Bill Through Date	<input type="checkbox"/>
CREATED_BY	Created By	Created By	<input type="checkbox"/>
CREATION_DATE	Creation Date	Creation Date	<input type="checkbox"/>
CUSTOMER_TRX_ID	Customer Trx Id	Customer Trx Id	<input checked="" type="checkbox"/>
DRAFT_INVOICE_NUM	Draft Invoice Num	Draft Invoice Num	<input checked="" type="checkbox"/>

Internet 100%

Confirm View Registration

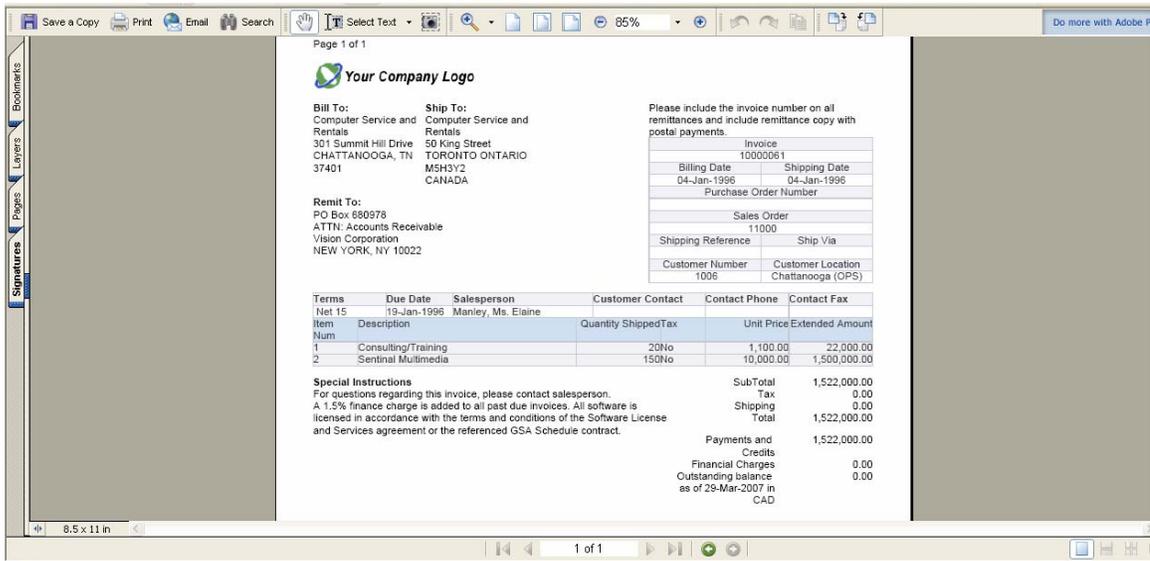


Enable Data Source



2.2.5 Print BPA Invoices

BPA provides the flexibility to print a single transaction or batch of transactions through the print management tab or alternatively by launching the BPA transaction print program from Forms-based applications such as Oracle Receivables. BPA generates a PDF file for printed bills as shown in the screenshot below:



2.2.6 Delivery Options

Invoice Print BPA Master program generates one PDF file for each group of invoices and stores it as the output file of the concurrent program. The PDF file can be saved and emailed as attachment to the Customers

3 Configuration Items

3.1 Define Profile Options

This section lists the profile options that are used to specify how BPA controls access to and processes data:

AR: BPA Detail Access Enabled

Determines whether a user can access the details page of an online invoice. If set to Yes, user can access the details via the billing lines hyperlink. If set to No, no hyperlink is displayed. Default is set to Yes.

AR: BPA Attachment Update Enabled

Controls whether attachments are updateable on BPA online bills. If set to Yes, the customer can view, add, or delete an attachment when viewing the online invoice. If set to No, the customer can only view the attachment. No default is set for this.

OIR: Bill Presentment Architecture Enabled

Determines whether iReceivables will use BPA to present invoices. If set to Yes, the BPA bill is displayed from iReceivables. If set to No, the standard iReceivables bill is displayed. Default is set to Yes.

HZ: Enable DQM Party Search

Set this option to enable DQM searching for customers in Interactive Preview. If this is not set, DQM search will not work properly for customer search. No default is set for this.

AR: BPA Print Attachment Category

To print attachments with printed bills, configure the AR: BPA Print Attachment Category profile option. While printing a transaction the profile option triggers printing associated PDF attachments that match the specified document category. This applies to both internal and external templates. We can set this profile option at the site, application, responsibility, and user level.

4 Key Features

BPA provides extensive abilities and flexibility to design an online bill that best suits the customer and the company. Some of the features of BPA are-

1. *Retrieve Billing Data from Any Source*

BPA provides flexibility to incorporate billing information into invoices from any source, not just Oracle Receivables. With access to all pertinent information, customers can more quickly understand and pay their bills.

2. *Template Management*

Allows billing personnel to create multiple billing templates based on customer need using the user-friendly Template Management UI.

- Layout design and content item selection
- Option to print summary lines with or without child lines
- Flexible tax formatting, including itemization and summarization
- Page setup capability for printed bills

- Flexible header and footer format design for printed bills
3. *Interactive Preview*
Interactive preview feature helps to preview the template [in online preview and print preview mode] using any transaction in Oracle Receivables.
 4. *External Template Upload*
Supports invoice printing using external customer-provided templates.
 - Upload of PDF or RTF templates
 - Support of uploading files in multiple languages
 - Mapping of external file field names to BPA content items
 - Option to display itemized tax
 5. *Template Assignment*
Supports assignment of billing templates to different customers or customer categories based on user-defined criteria.
 - Ability to define assignment rules and order them by preference
 - Rules applied based on ordering and bill creation dates
 - Choice of different assignments and ordering for online and printed bills
 - Default templates and assignment rule provided
 6. *Invoice Batch Printing*
Supports batch printing of invoices.
 - Batch print request submission and monitoring via BPA User Interface
 - Batch print request submission and monitoring via Oracle Receivables
 - Generation of printed invoice in PDF format
 7. *Drilldown Capability*
Provides progressive drilldown capability from billing lines to billing details, as well as drilldown from any hyperlinked attribute on the online bill.

5 Benefits

In Summary the key benefits of the BPA functionality are listed below

1. *Expedite Payment and Improve Cash Flow*
The invoice designs we create can be assigned to particular customers or particular transactions. This format consistency will help customers process their bills quickly. To efficiently address disputes, billing personnel, receivables clerks, and collectors can view bills in Oracle iReceivables, Oracle Receivables, or Oracle Collections, in the same format the customer sees.
2. *MLS enabled*
BPA is MLS-enabled. Templates can be created using any available session language. When printing bills, BPA selects the appropriate template file based on language associated with customer's address
3. *Template for transaction classes other than Invoice*
BPA supports template creation for invoices, credit memos, debit memos, chargebacks, guarantees and deposits. Oracle provides seeded templates for the above mentioned transaction classes
4. *Flexibility to incorporate Company logo*
Custom images and messages can be incorporated in BPA templates

5. *Access to Attachments*
Provides ability to view, add, update and delete attachments from BPA online bills
6. *Incorporate hyperlinks on online invoices*
BPA supports creation of hyperlinks and associating them to any content presented in wer online bill, including in the billing lines or in the detail lines. Links can be generic, such as access to a company home page, or they can be transaction-specific, such as access to the actual sales order listed on the bill.
7. *Grouping of billing lines*
For Oracle Service Contracts bills, we can provide summarized billing lines for customers who desire less detail than is stored in Oracle Receivables.
8. *Restrict access to details information*
BPA enforces security control on the level of billing details external users are allowed to view online