Project Support for Sales and Purchase Order Processing (DA1197)

Further Information

Click below to view your selection of in-depth information for this project:

Link to a **Powerpoint** project walkthrough.

Benefits Statement

In a project-based business, accurate collection of costs for projects is critical to the measurement of profit by project. A number of enhancements have been made to make coding of the relevant transactions more efficient.

A project code can be entered at header level on Purchase Orders and Purchase Requisitions, defaulting to the lines and saving time. Expense codes can now be defaulted based on the product or service category.

In SOP and Telesales, a project code can be entered at header level and defaulted to the individual lines improving efficiency in order and invoice entry. In addition, expense codes can be added at a detail level allowing cost of sales information to be posted as an expense to the project in addition to the revenue. Expense and revenue codes can be defaulted based on the product or service category.

EDI AP Invoice Import now supports project coding and EDI POP Order Export can now be configured to send the project code in the header as a reference.

Legal, Fiscal and any Standards Considerations

There are no Legal or Fiscal, or any standards considerations for this project.

Overview

This project improves the way the Project Accounting integrates with other areas of the product:

Sales Order Processing

The Cost of Sales Codes program now allows you to specify a revenue code to post the sales to and an expense code for the Cost of Sale posting. Although a revenue code can be specified without an expense code, if an expense code is entered then a revenue code must also be entered.

Sales Orders (including Quotations, Standard Orders, Scheduled Orders, Sales Invoices and Sales Credits) allow you to allocate a project code to them at the header level. This is copied down to the detail lines as the default project code. The browse on project codes can be restricted to just those projects related to the current customer. The default revenue and expense codes on detail lines may come from several sources:

Stock lines
- System key OPCOS set to YES
    - The revenue and expense codes will be taken from the Cost of Sale matrix if a relevant record exists If either one or both of the codes are blank in the matrix record they will remain blank in the order detail lines..
    - If a Cost of Sale matrix record does not exist the revenue and expense codes will be taken from the OPPREXP and OPPRREV / OPPRREVxxx system keys, where xxx represents the Stock GL Category in the stock record.
- System key OPCOS set to NO
    - An expense code is not required.
    - The revenue code will be taken from the OPPRREV / OPPRREVxxx system keys.

Service lines
- System key OPSERVCOS set to YES
    - The revenue code will be taken from the Service record.

- If there is no revenue code on the Service record it will be taken from the Cost of Sale matrix if a record exists. If the code is blank in the matrix record it will remain blank in the order detail lines.

- The expense code will be taken from the Cost of Sale matrix if a record exists. If the code is blank in the matrix record it will remain blank in the order detail lines.

- If a Cost of Sale matrix record does not exist the revenue and expense codes will be taken from the OPPREXP and OPPRREV / OPPRREVxxx system keys, where xxx represents the Stock GL Category for the service.

- System key OPSERVCOS set to NO

  - The revenue code will be taken from the Service record.

  - If there is no revenue code on the Service record it will be taken from the OPPRREV / OPPRREVxxx system keys.

  - An expense code is not required.

The Sales Order Service Code maintenance program now allows a revenue or expense code to be held against each service code. The code will be used as a default revenue / expense code when service codes are used in Sales Order Processing. The system key OPSERERVAL controls which type of code can be used. It may be set to **IGNORE**, to allow both Expense and Revenue codes to be used. It may be set to **WARN**, to allow both but to warn if an Expense code is used. It may also be set to **PREVENT** to allow only Revenue codes, preventing the entry of Expense codes.

EDI Input

Accounts Payable Invoice Import

Project codes will be derived from header level or detail level delivery codes in the import file. The delivery code will obtain the project code from a supplier lookup entry. The EDI stock lookup has been amended to allow expense codes to be entered.

When an EDI import file is processed; a delivery code will be looked for at the detail line level, if none is found the header level will be checked. If the supplier lookup holds a General Ledger code the detail lines will be processed as normal. If it holds a project code it will be used and an expense code will be obtained from the stock lookup, if available, or the stock records if not.

> **Note**   The availability of delivery codes in the detail or header sections of the formatted EDI import file depends on the setting of the "lvl" field (L=detail, H=header, B=both) in the EDI Output customer/ supplier static data NAD section.

Detail line project codes are only available if you use Edifact, they are not available if you use Tradacoms.

Purchase Order Processing Order Export

Project codes from POP order header and detail lines will populate EDI delivery code fields at both header and detail line level.

Detail line project codes are only available if you use Edifact, they are not available if you use Tradacoms.

Purchase Order Processing

The Purchase Order Entry and Requisition Entry options allow you to allocate a project code at the header level. This is copied down to the detail lines as the default project code. The default expense codes on product lines come from the stock records.

When sales orders create back-to-back purchase orders the header level project code on the sales order is copied to the purchase order header. No line level codes are copied.

> **Note**   The system key EIPRDISEX has also been introduced to hold a default expense code for discounts.

The Purchase Order Service Code maintenance program now allows a revenue or expense code to be held against each service code. The code will be used as a default revenue / expense code when service codes are used in Purchase Order Processing. The system key POSERERVAL controls which type of code can be used. It may be set to **IGNORE**, to allow both Expense and Revenue codes to be used. It may be set to **WARN**, to allow both but to warn if a Revenue code is used. It may also be set to **PREVENT** to allow only Expense codes, preventing the entry of Revenue codes.

The use of project and expense codes on purchase orders is further enhanced by the introduction of Project Accounting Accruals, see DA1218 - Project Accounting Accruals for further details.

Technical Data

You must read the Implementation section before attempting to install this project

This section details important information relating to the installation of this project. If you require any further assistance please contact Customer Support.

Implementation - Existing Sites And/Or Existing Data

Licensing

- Project **DA1197** (Project Support for Sales and Purchase Order Processing) must be licensed for it to become available.

System Keys

The system keys listed in the System Keys section need to be set up as described.

Data Dictionary Changes

The additional data required for this project is stored in new tables which are detailed in Data Dictionary Changes

The files can be created by running the *Create New Project Files* application and specifying a project code of **DA1197**.

Options

Not applicable.

Forms Changes

Fields have been added to existing Forms and are not suspended:

Suspended Fields

The fields listed in the Suspended Fields section need to be unsuspended:

Conversions

Not applicable.

Definition of Terms

Not applicable.

Implementation - New Installations With New Data

Licensing

- Project **DA1197** (Project Support for Sales and Purchase Order Processing) must be licensed for it to become available.

System Keys

The system keys listed in the System Keys section need to be set up as described.

Options

Not applicable.

Suspended Fields

The fields listed in the Suspended Fields section need to be unsuspended:

Definition of Terms

Not applicable.

System Keys

	Description	Value	Used By
EIPRDISEX	Default expense code to be used if discount lines need to be written.	Valid expense code	Invoice Generation
OPDEFCODES	Use the default Expense and Revenue codes when a Project code has not been entered on the sales order header	YES or NO	SOP orders, invoices, credit notes, standard orders and quotations. Scheduled orders.
OPPREXP	Default Expense code.	Blank, or a valid Expense code	SOP orders, invoices, credit notes, standard orders and quotations. Scheduled orders.
OPPRREV	Default Revenue code.	Blank, or a valid Revenue code	SOP orders, invoices, credit notes, standard orders and quotations. Scheduled orders.
OPPRREVxxx	Default Revenue code for stock General Ledger Category xxx	Blank, or a valid Revenue code	SOP orders, invoices, credit notes, standard orders and quotations. Scheduled orders.
OPSERERVAL	Defines the type of validation for browse and selection of Expense and Revenue codes during Sales Order Service Code Maintenance.	PREVENT WARN IGNORE	Sales Order Service Code Maintenance
PODEFCODES	Use the default Expense and Revenue codes when a Project code has not been entered on the purchase order header	YES or NO	POP orders, Requisitions
POSERERVAL	Defines the type of validation for browse and selection of Expense and Revenue codes during Purchase Order Service Code Maintenance.	PREVENT WARN IGNORE	Purchase Order Service Code Maintenance

Data Dictionary Changes

Sales Order Processing

Cost of Sales Project Extension (sop_cost_of_sale_p, opcospjxm)

Column	Type	Array	Key	Reference	Values	Notes
cost_of_sales	char (6)		1	Sales GL category + Stock GL category		
expense_code	char (20)			Expense code		
revenue_code	char (20)			Revenue code		

Order Header Project Extension (sop_order_head_pj, ophdpjm)

Column	Type	Array	Key	Reference	Values	Notes
order_no	char (10)		1	Order number		
project_code	char (20)			Project code		

Order Detail Project File Extension (sop_order_det_prjx, opdtprxm)

Column	Type	Array	Key	Reference	Values	Notes
order_no	char (10)		1	Order number		
order_line_no	char (4)		1	Order line number		
expense_code	char (20)			Expense code		

Scheduled Orders

Order Header Project Extension (schedule_header_pj, sohdpjm)

Column	Type	Array	Key	Reference	Values	Notes
schedule_number	char (14)		1	Schedule number		
project_code	char (20)			Project code		

Purchase Order Processing

PO Header Project Extension (pop_order_head_pj, pohdpjm)

Column	Type	Array	Key	Reference	Values	Notes
order_no	char (10)		1	Order number		
project_code	char (20)			Project code		

PO Requisition Header Project Extension (pop_requisition_pj, poreqpjm)

Column	Type	Array	Key	Reference	Values	Notes
current_status	char (1)		1	Requisition status		
requisitioner	char (8)		1	User ID of requisition creator		
num	char (9)		1	Order number		
project_code	char (20)			Project code		

Forms

The following fields have been added to existing forms and are NOT suspended:

	Application	Form	Subform	Field
op	cost_of_sales	main	detail	exp_code_p expense_code rev_code_p revenue_code
		print_form	heading	exp_code_head rev_code_head
			detail	expense_code revenue_code
	order_entry	nl_code_form_pr		exp_code_p expense_code
	invoice_entry	nl_code_form_pr		exp_code_p expense_code
so	sched_entry	nl_code_form_pr		expense_code_p expense_code
po	po_entry	extra_header	extra_header	project_code_prompt project_code
pq	requisition_entry	header		project_code_prompt project_code

Suspended Fields

The following fields need to be unsuspended:

	Application	Form	Subform	Field(s)
op	order_entry	header_details		proj_code_prompt project_code
	invoice_entry	header_details		proj_code_prompt project_code
	order_enquiry	detail_enquiry_alloc		proj_code_head proj_code_prompt
		detail_enquiry_desp		proj_code_head proj_code_prompt
		detail_enquiry_reqd		proj_code_head proj_code_prompt
so	sched_entry	main2		proj_code_prompt project_code
	sched_enquiry	sub_header		proj_code_prompt project_code