

eprintise® FlexField Overview

Who Is eprentise?

In 2007 eprentise was founded on its original product, FlexField

- Enables customers to make unprecedented changes to their financial chart of accounts while maintaining transactional history and data integrity.



ORACLE

Partner

In 2009 we introduced our Consolidation, Divestiture, and Reorganization products

- Transformational software which can copy, change, filter, or merge all elements of Oracle EBS financial systems to address ever-changing business needs, such as regulatory compliance and growth opportunities.

Transformation to Optimization

One-time usage to subscription model

In 2020 we began expanding to new markets with our C Collection analytics suite, and our Audit Automation software

- C Collection analytics provides transparency and identifies potential problem areas with transactional data. This allows users to reduce costs, leverage opportunities across the enterprise, improve business processes, and increase the confidence level of the users in their data, processes, and operations.



COLLECTION®



CRYSTALLIZE
ANALYTICS®

- Automated Audit provides internal auditors and the finance team with drill-down data from a balance sheet report into the transaction-level detail. The software covers hundreds of Data Facets® for the entire enterprise domain and builds in consistent audit processes and workflows across the organization.

Automated Audit®

Example Customer Solutions

Organization	Business Problem	eprentise Solution
General Electric	Create an enterprise-wide, standard chart of accounts, simplify and reorganize various operations, separate parts of their business, and merge data and operations for almost every division of GE.	GE has used all of the eprentise products: consolidation with Global Research to consolidate the India/China instance with the US/Germany instance, divestiture to spin off the consumer credit card business, reorganization for legal entities and operating units for Power & Water, Calendar change for Oil & Gas, and over 50 FlexField projects, some utilizing different filtering criteria to implement a global chart of accounts within all divisions.
Yankee Candle (Newell Brands)	Have a European Instance and a North America Instance. To streamline operations in preparation for eventually moving their supply chain to the Cloud, YC wanted to consolidate into a single global instance. Eur had a different calendar, a different chart of accounts, and a separate item master.	eprentise Consolidation software was used to bring all the data from Europe into the US instance. In order to accomplish this, there were several key flexfield structures that needed to be modified including the asset category, the system item, the asset key, the stock locators, and the customer territory flexfields. eprentise Reorganization software was used to change these as well as changing the EUR calendar and merging the two item masters across the instances. FlexField software was used to change the chart of accounts.
ESCO	As part of a larger initiative to transfer ownership of 18 inventory organizations physically in Canada and Australia yet accounted for in the U.S. ledger to the respective ledgers for those two countries, inventory orgs needed to be copied to new structures. Copying needed to be used instead of moving the data to the new ledger, LE, and OU since it allowed the SCM team to use the replicated data for analysis and forecasting.	eprentise Reorganization software was used to copy the data as of a certain point in time and record the movement as a sale of inventory. The on-hand balances and all transaction history was also copied to the new target ledger, LE, and OU. Since the currency of the target ledger was different than that of the source ledger, eprentise currency change software was also required.
Very Large High-Tech Company	Client needed to increase the length of the company (balancing) segment from 2 digits to 4 digits to create room for all the new businesses that they were adding and provide the capability to add 1.67M additional company codes. With a database size of greater than 50TB, one of the biggest challenges was the downtime required to perform such a massive update. Another concern was that any structural changes to their value sets or accounting flexfields would require more post conversion updates to align with the new structure extending the downtime past an acceptable weekend length.	Using FlexField software to change the COA, the entire project downtime for all the pre and post steps was approximately 18.5 hours with the FlexField portion only taking 3 hours for the update. By reusing the CCIDs, the conversion allowed them to retain all existing value sets and accounting flexfields exactly as is without updating the COA/Value Set ID's or Titles.

Proven Out-Of-The-Box Software Products

The collage displays various eprantise software interfaces for financial consolidation and reorganization. The top left shows the 'Project: RA Consolidation' dashboard with a 'Consolidation Ruleset Workflow' diagram. The top center features the 'Project: Divestiture Project for ERPP' interface, including a 'Create Rule' form with fields for Rule Type, Rule Template, Authority Type, and Selection Criteria. The top right shows a 'Divestiture' workflow diagram with steps like 'Map Accounting Flexfield', 'Map COA', 'Map Segments', 'Map Values', and 'Map Code Combinations'. The bottom left shows a 'Project: RA Reorganization' interface with a 'Create Rule' form and a table of reorganization data. The bottom center shows a 'Reorganization' interface with a 'Create Rule' form and a table of reorganization data. The bottom right shows a 'Reorganization' interface with a 'Create Rule' form and a table of reorganization data.

Consolidation Ruleset Workflow

Note: Click on the button next to the rule to execute the rule. Rules must be executed only when the rule is available for execution. The color of the button will change.

Project: Divestiture Project for ERPP

Logged In As: BUSINESSUSER

Create Rule

Rule Type: Filter Rule
Rule Template: Filter by Legal Entity Organization
Authority Type: Instance
Authority: ERPP-51-UNEN
Rule Name: Filter By Legal Entity

Selection Criteria

Legal Entity: ABC Company Limited
Balancing Segment Value: 01

Rules

Project: RA Reorganization

Logged In As: BUSINESSUSER

Create Rule

Rule Type: Change Rule
Rule Template: Merge Set of Books Inventory Orgs
Authority Type: Instance
Authority: BARRICK
Rule Name: Merge Set of Books under new COA

Selection Criteria

Mapping File: C:\BARRICK\Barrick Inv Orgs under new COA
Load Mapping File

	A	B	C
1	INVENTORY_ORG	CURRENT_OPERATING_UNIT	NEW_OPERATING_UNIT
2	Vision Operations	Vision Operations	
3	Seattle Manufacturing	Vision Operations	
4			

Project: RA Reorganization

Logged In As: BARRICK_RO

Create Rule

Rule Type: Change Rule
Rule Template: Add Adjusted Periods to Accounting Calendar
Authority Type: Instance
Authority: GLD02N-Instance
Rule Name: Run-4 ADD ADJ Pds to Barrick Gold 12

Selection Criteria

New Calendar File: J:\PDC-4-Change-Of-Accounting-Calendar
Load New Calendar

Project Approach: eprentise FlexField® Software

Why is FlexField® the industry-leading solution for changing the accounting flexfield?

- ❑ Designed for the business user.
- ❑ Built-in features automatically update related information to maintain the relational integrity among data.
- ❑ Error-checking that identifies exceptions and alerts the user, even across multiple COAs.
- ❑ Simple graphical user interface that takes you through the FlexField process.
- ❑ Out-of-the-box software to meet any requirements, whether it is adding or reducing the number or size of segments, mapping 1 segment to many or many segments or values to one, or re-ranging values.
- ❑ Retains all history, allowing for streamlined reporting and complete, consistent, and correct information.

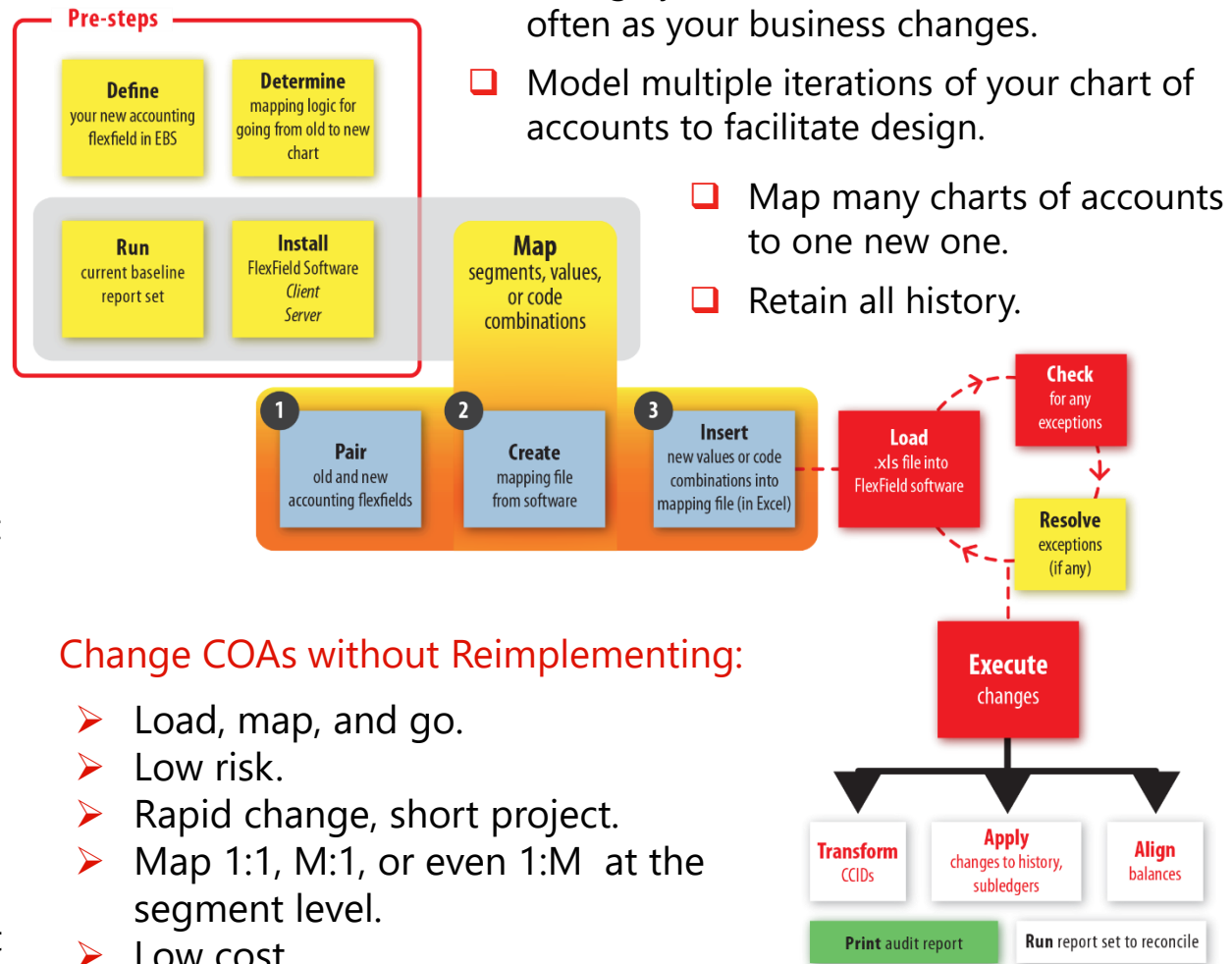
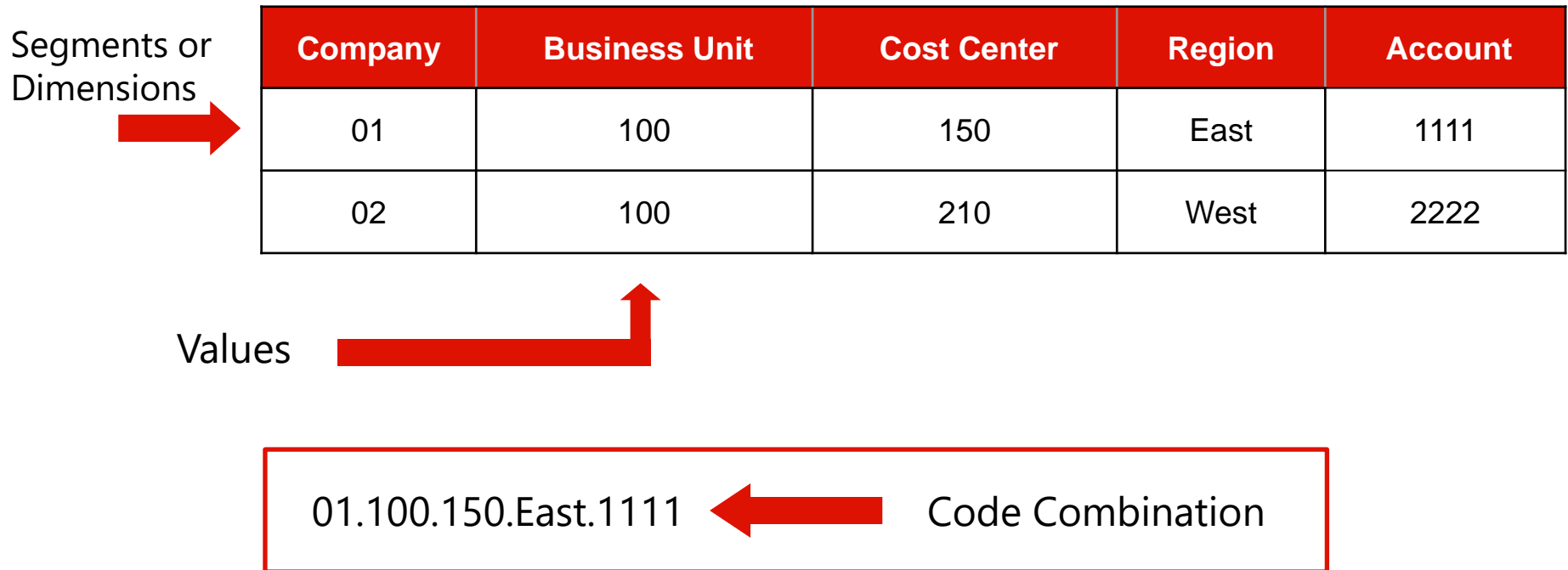


Chart of Accounts In E-Business Suite


Flexfield Components

Accounting Flexfield Structure: Segments, Values, Code Combinations



Set Up Environment

- ❑ Create a Test Environment
- ❑ Set Up Oracle Applications
- ❑ Create FFIELD Schema and Tablespace
 - Create a new FFIELD schema in the Oracle Applications database with a unique password. You'll use this password to log on to FlexField.
 - Grant the FFIELD schema a DBA privilege.
 - Create a new FFIELD tablespace sized about 2GB for every 100GB database size.
 - Assign the FFIELD tablespace exclusively to the FFIELD schema.
 - Make the FFIELD tablespace the default tablespace for the FFIELD schema.
- ❑ Run the FlexField installer to populate objects



You are Connected to the VIS Oracle Applications (11.5.10.2) Instance

About




Accounting Flexfield Solutions:

FlexField software allows companies to change and model their chart of accounts in Oracle® E-Business Suite (EBS).

Accounting Flexfield

Add-ons

- HR Cost Allocation Flexfield
- Split Balancing Segments
- Grants Accounting
- Federal Budgeting
- Archive Instance
- Flexfield Filter by Ledger BSV
- Flexfield Filter by Ledger



1 → **2** → **3**


Define **Map** **Transform**

Use **Define > Map > Transform** functions to change the accounting flexfield.

Use additional add-ons for other functions.

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Environment Report

 You are Connected to the VISDEVFL Oracle Applications (12.2.0) Instance

Prepare Instance

Map Accounting Flexfield

Execute Change

Prepare Instance

Map to New COA

Map Segments

Map Values

Map Code Combinations

Execute Changes

Prepare Instance

Prepare Instance is 0% complete

Task Description	Task Status
Validate Flexfield Product Environment	Completed
Validate Oracle Applications Environment	Completed
Collect Database Objects	Completed
Validate Database Objects	Completed
Collect Accounting Flexfield Information	Completed
Validate Accounting Flexfield Information	Completed

Load Parameter File...

Update Parameters

Environment Report

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Environment Report

Instance Name: VIS Oracle Applications (12.1.1) Instance

FlexField Parameters

Database Size:

Database Size	Used Space	Free Space
220 GB	184 GB	36 GB

FlexField Parameters:

Parameter Name	Parameter Value
LARGE_TABLE_ROW_COUNT	150000000
CTAS_UPDATE	NO
TRUNCATE_INSERT	NO
LARGE_TABLE_NUM_ROWS	500
LARGE_TABLE_UPDATE	NO
REUSE_CCIDS	YES
LOG_MODE	NO
BACKEND_LOADING	NO
PARALLEL_JOBS_COUNT	5
PARALLEL_SQL_COUNT	8
ENABLE_PARALLEL_DML	YES
ROWS_COMMIT_COUNT	30000
VERSION	513
FF_MODULE_USED	NULL
BAL_SEG_FILTER	NULL
SOURCE_SOB_ID	NULL
AUTO_EXECUTE_CHANGES	YES

NOTE: For changing FlexField parameters use [Update Parameters] Button

Improve performance for large tables

Change parameters based on number of CPUs and parallel jobs

Database Parameters

Database Parameters:

Parameter Name	Parameter Value
Archiver	STOPPED
job_queue_processes	2
log_buffer	10485760
parallel_max_servers	8
pga_aggregate_target	1073741824
sga_max_size	1073741824
undo_management	AUTO
undo_retention	900
undo_tablespace	UNDO_TBS
Database Version	11.1.0.7.0
Application Version	12.1.1

Space available in UNDO tablespace:


Tablespace Name	Total(GB)
UNDO_TBS	.600006103515625

Space available in TEMP tablespace:

Tablespace Name	Space Allocated(GB)	Space Available(GB)
EPRENTISET	19.53	19.53
TEMP1	98	98
TEMP2	98	98

Change parameters to add Undo and Temp Tablespace

Prepare Instance

 You are Connected to the VISDEVFL Oracle Applications (12.2.0) Instance

Prepare Instance

Map Accounting Flexfield

Execute Change

Prepare Instance

Map to New COA

Map Segments

Map Values

Map Code Combinations

Execute Changes

Prepare Instance

Prepare Instance is 0% complete

Task Description	Task Status
Validate Flexfield Product Environment	Completed
Validate Oracle Applications Environment	Completed
Collect Database Objects	Completed
Validate Database Objects	Completed
Collect Accounting Flexfield Information	Completed
Validate Accounting Flexfield Information	Completed

Load Parameter File...

Update Parameters

Environment Report

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Mapping The Accounting Flexfield: Segments And Values Or Code Combinations

New Mapping Must be Derived from Old Segment Values

Segments

Current Segment	Company	→	Company	New Segment	1:1
Current Segment	Cost Center	→	Cost Center + Location	New Segments	1:M*
Current Segment	Product Line + Cost Center	→	Line of Business	New Segment	M:1

** Segment Level Only*

Values or Code Combinations

Current Value	Company 01	→	Company 100	New Value	1:1
Current Values	Cost Centers 01 02 03	→	Activity 101	New Value	M:1
Mapping Many-to-One Consolidates Data					
Current Value	CO – CC – ACT 01 – 10 – 1000 01 – 20 – 1500	→	CO – CC – ACCT – LOC 100 – 300 – 16000 – 200	New Value	

Segment Mapping

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Progress FR Accounting Flexfield <-> Progress UK Accounting Flexfield

NO CHANGE ☐

Current Segments

Name	Description	Map?
SPUFR_CB	SPUFR_CB	<input type="checkbox"/>
SPUFR_PROGRAMME	SPUFR_PROGRAMME	<input type="checkbox"/>
SPUFR_CRB	SPUFR_CRB	<input checked="" type="checkbox"/>
SPUFR_DOSSIER	SPUFR_DOSSIER	<input type="checkbox"/>
SPUFR_CC	SPUFR_CC	<input type="checkbox"/>

New Segments

Name	Description	Map?
Public Services	Public Services	<input checked="" type="checkbox"/>
Organisation	Organisation	<input type="checkbox"/>
Cost Centre	Cost Centre	<input type="checkbox"/>
Account	Account	<input type="checkbox"/>
Analysis	Analysis	<input type="checkbox"/>

The Following Segment Mappings Have Been Defined:

Current Segments	New Segments	Type	Status	Delete?
------------------	--------------	------	--------	---------

New Mapping
Save Mapping
Delete Mapping
Print

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Map Segments and Values or Code Combinations

Segment Mapping

1 → 1 Mapping

M → 1 Mapping

1 → M Mapping

Segment Mapping

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Progress FR Accounting Flexfield <-> Progress UK Accounting Flexfield

NO CHANGE ☐

Current Segments

Name	Description	Map?
SPUFR_CB	SPUFR_CB	<input checked="" type="checkbox"/>
SPUFR_PROGRAMME	SPUFR_PROGRAMME	<input checked="" type="checkbox"/>
SPUFR_CRB	SPUFR_CRB	<input type="checkbox"/>
SPUFR_DOSSIER	SPUFR_DOSSIER	<input type="checkbox"/>
SPUFR_CC	SPUFR_CC	<input type="checkbox"/>

New Segments

Name	Description	Map?
Organisation	Organisation	<input checked="" type="checkbox"/>
Cost Centre	Cost Centre	<input type="checkbox"/>
Account	Account	<input type="checkbox"/>
Analysis	Analysis	<input type="checkbox"/>
Output	Output	<input type="checkbox"/>

The Following Segment Mappings Have Been Defined:

Current Segments	New Segments	Type	Status	Delete?
SPUFR_CRB	Public Services	One-to-One	Mapping Defined	<input type="checkbox"/>

New Mapping
Save Mapping
Delete Mapping
Print

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Map Segments and Values or Code Combinations

Segment Mapping

1 → 1 Mapping

M → 1 Mapping

1 → M Mapping

Segment Mapping

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA **Map Segments** Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Progress FR Accounting Flexfield <-> Progress UK Accounting Flexfield

NO CHANGE ☐

Current Segments

Name	Description	Map?
SPUFR_DOSSIER	SPUFR_DOSSIER	<input type="checkbox"/>
SPUFR_CG	SPUFR_CG	<input type="checkbox"/>
SPUFR_OPERATION	SPUFR_OPERATION	<input checked="" type="checkbox"/>
SPUFR_SOURCE_FIN	SPUFR_SOURCE_FIN	<input type="checkbox"/>
SPUFR_ANALYTIQUE	SPUFR_ANALYTIQUE	<input type="checkbox"/>

New Segments

Name	Description	Map?
Cost Centre	Cost Centre	<input checked="" type="checkbox"/>
Account	Account	<input type="checkbox"/>
Analysis	Analysis	<input checked="" type="checkbox"/>
Output	Output	<input type="checkbox"/>

The Following Segment Mappings Have Been Defined:

Current Segments	New Segments	Type	Status	Delete?
SPUFR_CRB	Public Services	One-to-One	Mapping Defined	<input type="checkbox"/>
SPUFR_CB,SPUFR_PROGR...	Organisation	Many-to-One	Mapping Defined	<input type="checkbox"/>

New Mapping
Save Mapping
Delete Mapping
Print

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Map Segments and Values or Code Combinations

Segment Mapping

1 → 1 Mapping

M → 1 Mapping

1 → M Mapping

Segment Mapping

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Progress FR Accounting Flexfield <-> Progress UK Accounting Flexfield NO CHANGE

Current Segments

Name	Description	Map?
SPUFR_CB	SPUFR_CB	<input type="checkbox"/>
SPUFR_PROGRAMME	SPUFR_PROGRAMME	<input type="checkbox"/>
SPUFR_CRB	SPUFR_CRB	<input type="checkbox"/>
SPUFR_DOSSIER	SPUFR_DOSSIER	<input type="checkbox"/>
SPUFR_CC	SPUFR_CC	<input type="checkbox"/>

New Segments

Name	Description	Map?
Account	Account	<input type="checkbox"/>
Output	Output	<input type="checkbox"/>

The Following Segment Mappings Have Been Defined:

Current Segments	New Segments	Type	Status	Delete?
SPUFR_CRB	Public Services	One-to-One	Mapping Defined	<input type="checkbox"/>
SPUFR_CB,SPUFR_PROGR...	Organisation	Many-to-One	Mapping Defined	<input type="checkbox"/>
SPUFR_OPERATION	Cost Centre,Analysis	One-to-Many	Mapping Defined	<input type="checkbox"/>

New Mapping Save Mapping Delete Mapping Print

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Map Segments and Values or Code Combinations

Changes CCID everywhere

- ☐ All setups
- ☐ All subledgers
- ☐ All history
- ☐ Looks as though the new chart of accounts was part of the original implementation
- ☐ Full audit trail, drill down, roll up
- ☐ Built in exception reporting

Create Mapping Files

1:M – Mapping of Cost Center to (Cost Center and Location)

	A	B	C		D		E		F		
			CC Value	CC Description	New CC Value	New CC Description	New LOC Value	New LOC Description			
Current Cost Center Segment Values and Descriptions	1	01	US		00	Default	101	US			New Cost Center and Location Segment Values and Descriptions
	2	02	Overseas Distribution		02	Overseas Distribution	000	Default			
	3	03	France		00	Default	303	France			
	4	27	Consulting Services		04	Consulting Services	000	Default			
	5	95	IT Operations		05	IT Operations	000	Default			
	6	99	Toronto		00	Default	199	Toronto			

M:1 – Mapping of (Region, Account, Product) to Account

	A	B	C	D	E	F	G	H		
	Reg Value	Reg Description	Account Value	Account Description	Product Value	Product Description	New Account Value	New Account Description		
Current Region, Account, and Product Segment Values and Descriptions	1	01	Southwest	1400	SALES COMMISSIONS	001	computer	140000	SALES COMMISSIONS GENERAL	New Account Segment Values and Descriptions
	2	01	Southwest	1405	SALES COMMISSIONS - OTHER	002	hard drive	140500	SALES COMMISSIONS HARD DRIVE	
	3	02	Northeast	1410	SALES COMMISSIONS - RESERVE	001	computer	140000	SALES COMMISSION GENERAL	
	4	02	Northeast	1415	SALES COMMISSIONS SERVICES - SUPPORT	003	Services	146000	SALES COMMISSION - SERVICES	
	5	02	Northeast	1415	SALES COMMISSIONS SERVICES - WARRANTY	003	Services	146000	SALES COMMISSION - SERVICES	
	6	03	Southeast	1410	SALES COMMISSIONS - RESERVE	002	hard drive	141000	SALES COMMISSIONS - RESERVE	

Exceptions: ☐ Account Type Mismatch ☐ Splitting Balancing Segment
☐ Multiple Descriptions ☐ Length of Value

Create Mapping File From FlexField

Use the No Change button to use the existing values

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Vision New Zealand Accounting Flex <-> Progress UK WGA Consolidated

Segment Mappings

NZ Company (OLD) ---MAPPED TO--- Public Services (NEW)

Create Mapping File From Current Segment Values... NO CHANGE

Load Mapping File... View Mapping Values... View Mapping Options... Delete Mapping Values

The following Segment Mappings have been defined:

Current Segments	New Segments	Type	Status
NZ Company	Public Services	One-to-One	Mapping Defined
NZ Cost Centre	Department	One-to-One	Mapping Defined
NZ GL Account	WGA Code	One-to-One	Mapping Defined

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Create Mapping File

Enter file name to generate the mapping file.

File Name: Czech Accountn_ Company_ Created20170707.txt

Create File Cancel

Message

File written to location --> C:\Users\eprentise\Desktop\FlexField\MappingFiles\Czech Accountn_Company_Created20170707.txt
Mapping Values Count:1

Ok

Project Project,GAAP Type,Reserve1,Re... One-to-Many Mapping Defined

Print

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Prepare Instance Map Accounting Flexfield Execute Change

Map COA Map Segments Map Values Map Code Combinations

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Select Defined Accounting Flexfield

Czech Accounting Flex <-> Austrian/Swiss Chart of Accounts

Segment Mappings

Company (OLD) ---MAPPED TO--- Company (NEW)

Company (OLD) ---MAPPED TO--- Company (NEW)

Account (OLD) ---MAPPED TO--- Account (NEW)

Company (OLD) ---MAPPED TO--- Interco (NEW)

Cost Center (OLD) ---MAPPED TO--- Costcenter (NEW)

Project (OLD) ---MAPPED TO--- Project,GAAP Type,Reserve1,Reserve2 (NEW)

Delete Mapping Values

The following Segment Mappings Have Been Defined:

Current Segments	New Segments	Type	Status
Company	Company	One-to-One	Mapping Defined
Account	Account	One-to-One	Mapping Defined
Company	Interco	One-to-One	Mapping Defined
Cost Center	Costcenter	One-to-One	Mapping Defined
Project	Project,GAAP Type,Reserve1,Re...	One-to-Many	Mapping Defined

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Mapping The Account Segment

Created File

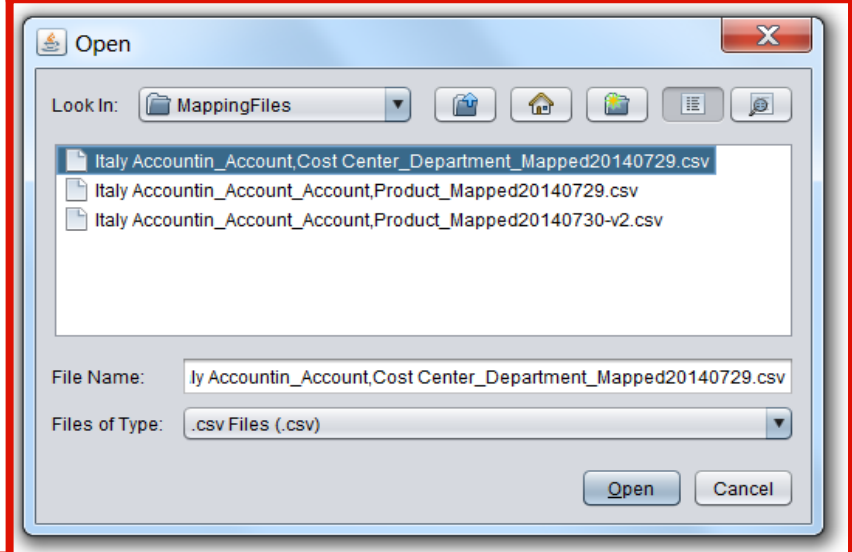
Current Account Value	Current Account Description	Current Account Type
1199	Prepayments	A
1201	Buildings	A
1202	Computers	A
1210	Asset Clearing	A
1211	Proceeds of Sale Clearing	A
1251	Accumulated Depreciation - Bu	A
1252	Accumulated Depreciation - Co	A
1260	Revaluation Reserve	A
1312	Intercompany Receivables	A
1410	Raw Material	A
2010	Payroll Clearing	L
2500	Liability	L
2501	AP Accrual	L
2511	Cost of Removal Clearing	L
3000	Sales	R
3212	Gain on Retirement	R
5001	Salary & Wages	N
5120	Social Club	E
5500	Superannuation - Employer	N
5501	Superannuation - Employee	E
5505	Payroll Tax	E
6202	Depreciation Expense - Compu	E
6211	Deferred Depreciation Expense	E
6212	Loss on Retirement	E
6400	Cost of Goods Sold	E
6410	Price Variance	E
7000	Retained Earnings	O
7500	Cumulative Translation Adjustr	E

Mapped File

Current Account Value	Current Account Description	Current Account Type	New Account Value	New Account Description
1199	Prepayments	A	11990	Prepayments
1201	Buildings	A	12010	Buildings
1202	Computers	A	12020	Computers
1210	Asset Clearing	A	12100	Asset Clearing
1211	Proceeds of Sale Clearing	A	12110	Proceeds of Sale Clearing
1251	Accumulated Depreciation - Bu	A	12510	Accumulated Depreciation - Buildings
1252	Accumulated Depreciation - Co	A	12520	Accumulated Depreciation - Computers
1260	Revaluation Reserve	A	12600	Revaluation Reserve
1312	Intercompany Receivables	A	13120	Intercompany Receivables
1410	Raw Material	A	14100	Raw Material
2010	Payroll Clearing	L	20100	Payroll Clearing
2500	Liability	L	25000	Liability
2501	AP Accrual	L	25010	AP Accrual
2511	Cost of Removal Clearing	L	25110	Cost of Removal Clearing
3000	Sales	R	30000	Sales
3212	Gain on Retirement	R	32120	Gain on Retirement
5001	Salary & Wages	N	50010	Salary & Wages
5120	Social Club	E	51200	Social Club
5500	Superannuation - Employer	N	55000	Superannuation - Employer
5501	Superannuation - Employee	E	55010	Superannuation - Employee
5505	Payroll Tax	E	55050	Payroll Tax
6202	Depreciation Expense - Compu	E	62020	Depreciation Expense - Computers
6211	Deferred Depreciation Expense	E	62110	Deferred Depreciation Expense
6212	Loss on Retirement	E	62120	Loss on Retirement
6400	Cost of Goods Sold	E	64000	Cost of Goods Sold
6410	Price Variance	E	64100	Price Variance
7000	Retained Earnings	O	70000	Retained Earnings
7500	Cumulative Translation Adjustr	E	75000	Cumulative Translation Adjustment

Load Mapping

- ❑ Overwrites existing segment value mappings
- ❑ Repeat loading until you are satisfied with mappings and have no exceptions
- ❑ Defaults name and location
- ❑ Repeat for each defined segment mapping



View Mapping Exceptions

View Mapping Exceptions

Current Segment (Account)	New Segment (Account)	Exception Reason
321100	123	Account Type Mismatch (New Account value map...
321200	123	Account Type Mismatch (New Account value map...
342100	123	Account Type Mismatch (New Account value map...
343100	123	Account Type Mismatch (New Account value map...
384100	2222222222	Account (Segment length must be less than or e...
NULL		Account (Segment length must be less than or e...
NULL		Account (Segment length must be less than or e...
NULL		Account (Segment length must be less than or e...
NULL		Account (Segment length must be less than or e...
NULL		Account (Segment length must be less than or e...
563100	.	Mapping not defined in the file
601100	.	Mapping not defined in the file
663100	.	Mapping not defined in the file
999777	.	Mapping not defined in the file

Back

Create Mapping File From Current Segment Values...

NO CHANGE☐

Load Mapping File...

View Mapping Values...

View Mapping Exceptions...

Delete Mapping Values


The Following Segment Mappings Have Been Defined:

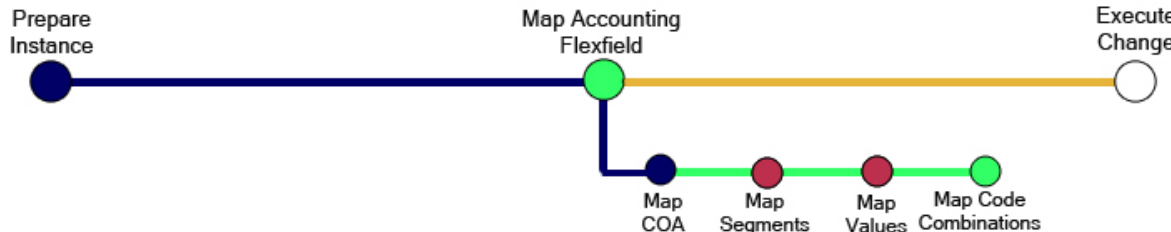
Current Segments	New Segments	Type	Status
Company	Company	One-to-One	Mapping Defined
Account	Account	One-to-One	Mapping Exceptions
Company	Interco	One-to-One	Mapping Defined
Cost Center	Costcenter	One-to-One	Mapping Defined
Project	Project,GAAP Type,Reserve1,Re...	One-to-Many	Mapping Defined

Print

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Map Code Combinations

 You are Connected to the VIS Oracle Applications (12.1.1) Instance X



```
graph LR; A((Prepare Instance)) --> B((Map Accounting Flexfield)); B --> C((Map COA)); B --> D((Map Segments)); B --> E((Map Values)); B --> F((Map Code Combinations)); F --> G((Execute Change));
```

Prepare Instance

Map to New COA

Map Segments

Map Values

Map Code Combinations

Execute Changes

Select Defined Accounting Flexfields

Czech Accounting Flex <-> Austrian/Swiss Chart of Accounts

Current Segments

Company-Cost Center-Account-Activity-Project-Reserve

New Segments

Company-Account-Interco-Costcenter-Product-Project-GAAP Type-Reserve1-Reserve2

Create Mapping File From Current Segment Values...

Load Mapping File...

View Mapping Values...

View Mapping Exceptions...

Delete Mapping Values

Print

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Execute Changes: Transform Code Combinations

Reset erases existing mapping and allows for corrected mapping to be loaded

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You are Connected to the VIS Oracle Applications (12.1.1) Instance

Prepare Instance Map Accounting Flexfield Execute Change

Create New Code Combinations Finalize Change Align Accounts

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Reset Refresh

Transform Old Code Combinations Transform CC is 100% complete

Apply Changes to Database Apply Changes is 0% complete

Align Accounts Align Accounts is 0% complete

Kill Process TableSpace Usage Session Statistics Print

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Instance Name: VIS Oracle Applications (12.1.1) Instance

Translated Code Combinations Report

Current Chart of Account: Progress UK Accounting Flexfield

New Chart of Account: Vision University Accounting Flexfield

Current CCID	Current CC	New CCID	New CC
337053	00.00.1.99992.000000.0000		11.000.1190.9999.000
337054	00.00.2.11000.000000.0000		11.111.1000.9999.000
337055	00.00.3.12000.000000.0000		11.197.1001.9999.000
337056	00.00.4.13000.000000.0000		11.253.1002.9999.000
337057	00.00.5.14000.000000.0000		11.299.1003.9999.000
337058	00.00.6.18000.000000.0000		11.319.1005.9999.000
337059	00.00.7.19000.000000.0000		11.339.1006.9999.000
337060	00.00.8.19802.000000.0000		11.349.1007.9999.000
337061	00.00.9.19803.000000.0000		11.355.1008.9999.000
337062	00.00.10.19804.000000.0000		11.001.1009.9999.000
337063	00.00.11.19811.000000.0000		11.012.1010.9999.000
337064	00.00.12.19812.000000.0000		11.023.1011.9999.000
337065	00.00.13.19853.000000.0000		11.034.1012.9999.000
337066	00.00.14.19853.000000.0000		11.045.1013.9999.000

Review report before Applying Changes

Apply Changes To Database

You are Connected to the V1S Oracle Applications (12.1.1) Instance

Prepare Instance Map Accounting Flexfield Execute Change Create New Code Combinations Finalize Change Align Accounts

Prepare Instance Map to New COA Map Segments Map Values Map Code Combinations Execute Changes

Transform Old Code Combinations Transform CC is 100% complete

Apply Changes to Database Apply Changes is 7% complete

Align Accounts Align Accounts is 0% complete

Kill Process TableSpace Usage Session Statistics

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Refresh updates the status if you get disconnected from the server

Statistic Name	Value/Result
ACTIVE_FFIELD_JOBS	1
ACTIVE_FFIELD_SESSIONS	10
ACTIVE_FFIELD_TRANSACTIONS	9
CURRENT SQL STAT	UPDATE /*+ parallel (a,8) */ GL_GL_BALANCES a SET a.CODE_CO...
OBJECT IN TRANSACTION	GL_BALANCES
TOTAL ROWS TO BE UPDATED	9203910
TRANSACTION STATUS	PROCESSING

Refresh Back

Ensure that you have adequate tablespace available

Monitor your session to see active jobs, sessions and transactions (after 15% Apply Changes)

Align Accounts: Recalculates All Balances

The screenshot displays the eprentise software interface for managing Oracle Applications. At the top, a status bar indicates "You are Connected to the VIS Oracle Applications (12.1.1) Instance". A workflow diagram at the top shows the process flow: Prepare Instance, Map Accounting Flexfield, Execute Change, Create New Code Combinations, Finalize Change, and Align Accounts. The "Align Accounts" step is highlighted in green.

Below the workflow, a tabbed interface shows the current step: "Align Accounts". The main area displays the progress of the "Align Accounts" process. A message box indicates "Align Accounts process started". The progress bar shows "Align Accounts is 0% complete".

At the bottom, there are buttons for "Kill Process", "TableSpace Usage", "Session Statistics", and "Print".

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Align Accounts: Merging Balances

❑ Balance Tables (GL, AX, XLA etc.)

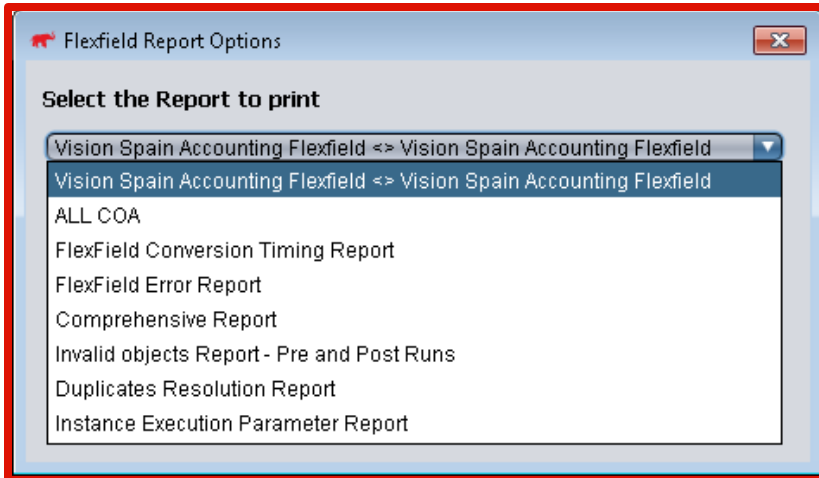
- Unique constraint on code combination ID
- Forces one balance per code combination
- No other tables are affected

Many old CCIDs mapped to the same new code combination

Old CCID	New CCID	Entity	Cost Center	Account	Interco	Future Use	Balance
7754	54669	02001	00912	150110	0000	0	\$100,000.59
7766	54669	02001	00920	150130	0000	0	\$10,250.33
7783	54669	02001	00531	150270	0000	0	(\$7,432.84)
	54669	02001	00965	150670	0000	0	\$102,818.08

Audit Trail: Export Current And New Code Combinations

Old and New Code Combinations



The screenshot shows an Excel spreadsheet titled 'Translated Code Combinations Report'. The spreadsheet has columns A through F. The data is organized into rows. The first row is a header for the report. The second row is a header for the current chart of account. The third row is a header for the new chart of account. The fourth row is a header for the current CCID and current CC. The fifth row is a header for the new CCID and new CC. The subsequent rows contain data for each combination.

	A	B	C	D	E	F
1	Translated Code Combinations Report					
2	Current Chart of Account: UK EMEA Accounting Flexfield					
3	New Chart of Account: Global Accounting Flexfield					
4	Current CCID	Current CC	New CCID	New CC		
5	21065	03.000.3250.000.000	172880	003.1000.400200.0000.0000.000.000		
6	21066	03.000.2990.000.000	172876	003.1000.306800.0000.0000.000.000		
7	21067	03.000.3500.000.000	172881	003.1000.400300.0000.0000.000.000		
8	21068	03.000.2980.000.000	172875	003.1000.306700.0000.0000.000.000		
9	26807	95.000.2980.000.000	173263	007.1000.306700.0000.0000.000.000		
10	26810	02.000.1833.000.000	156343	002.1000.104800.0000.0000.000.000		
11	27608	01.000.1110.000.000	139780	001.1000.100000.0000.0000.000.000		
12	27609	01.000.1210.000.000	139782	001.1000.100200.0000.0000.000.000		
13	27610	01.000.1320.000.000	139795	001.1000.101500.0000.0000.000.000		
14	27611	01.000.1340.000.000	139798	001.1000.101800.0000.0000.000.000		
15	27612	01.000.1410.000.000	139799	001.1000.101900.0000.0000.000.000		
16	27613	01.000.1510.000.000	139815	001.1000.103100.0000.0000.000.000		
17	27614	01.000.1530.000.000	139817	001.1000.103300.0000.0000.000.000		
18	27615	01.000.1550.000.000	139819	001.1000.103500.0000.0000.000.000		
19	27616	01.000.1560.000.000	139820	001.1000.103600.0000.0000.000.000		
20	27617	01.000.1810.000.000	139830	001.1000.104600.0000.0000.000.000		
21	27618	01.000.1820.000.000	139831	001.1000.104700.0000.0000.000.000		
22	27619	01.000.2210.000.000	139862	001.1000.300100.0000.0000.000.000		
23	27620	01.000.2370.000.000	139876	001.1000.301500.0000.0000.000.000		
24	27621	01.000.2410.000.000	139883	001.1000.302200.0000.0000.000.000		
25	27622	01.000.2420.000.000	139884	001.1000.302300.0000.0000.000.000		
26	27623	01.000.2570.000.000	139902	001.1000.306100.0000.0000.000.000		
27	27624	01.000.2600.000.000	139903	001.1000.306300.0000.0000.000.000		

Timing Report

	A	B	C	D
1	FlexField Conversion Timing Report			
2	FE_EVENT	START_TIME	END_TIME	TOTAL_TIME
3	Prepare Instance	23-01-2012 01:59:51	23-01-2012 02:03:18	0 Hrs 3 Mins 27 Secs
4	Map Chart of Accounts	23-01-2012 02:08:22	23-01-2012 02:08:22	0 Hrs 0 Mins 0 Secs
5	Map Segments	23-01-2012 02:10:31	23-01-2012 03:12:46	1 Hrs 2 Mins 15 Secs
6	Map Values	23-01-2012 02:39:10	23-01-2012 03:12:46	0 Hrs 33 Mins 36 Secs
7	Create New Code Combinations	23-01-2012 03:14:57	23-01-2012 03:28:15	0 Hrs 13 Mins 18 Secs
8	Finalize Change	23-01-2012 03:28:15	23-01-2012 05:19:31	1 Hrs 51 Mins 16 Secs
9	Align Accounts	23-01-2012 05:43:32	23-01-2012 05:50:26	0 Hrs 6 Mins 54 Secs

Screens From Apps

- Can view posted transactions and drill down to detail to view subledger transactions AP/PO with new code combinations

Journals > Enter

The screenshot displays the 'Enter Journals' application window for 'Vision Operations (USA)'. The window title is 'Enter Journals (Vision Operations (USA))'. The main header shows 'Journals (Vision Operations (USA)) - Payables A 3811430 7358817'.

Journal Details:

- Journal: Oct-10 Purchase Invoices USD
- Description: Journal Import 7358817:
- Ledger: Vision Operations (L
- Period: Oct-10
- Balance Type: Actual
- Clearing Company:
- Journal Type: Standard
- Category: Purchase Invoices
- Effective Date: 31-OCT-2010
- Budget:
- Tax: Not Required
- Control Total:

Conversion:

- Currency: USD
- Date: 31-OCT-2010
- Type: User
- Rate: 1

Reverse:

- Date:
- Period:
- Method: Switch Dr/Cr
- Status: Not Reversed
- Reverse button

Lines:

Line	Account	Debit (USD)	Credit (USD)	UOM	Qty	Description
1	01-000-2210-0000-000		1,213,142.67			Journal Import Created
2	01-110-7210-0000-000	1,855.04				Journal Import Created
3	01-120-7210-0000-000	309.17				Journal Import Created
4	01-130-7210-0000-000	309.17				Journal Import Created
5	01-410-7210-0000-000	1,855.02				Journal Import Created
6	01-420-7210-0000-000	309.17				Journal Import Created
7	01-430-7210-0000-000	1,855.04				Journal Import Created
8	01-440-7210-0000-000	309.17				Journal Import Created
		1,213,142.67	1,213,142.67			

Acct Desc: Operations-No Department-Accounts Payable-No Sub Account-No Product

Buttons: Post, AutoCopy Batch..., Approve, Line Drilldown..., T Accounts..., Check Funds, Reserve Funds, View Results, Change Period..., Change Currency...

More Screens From Apps

FA Asset Categories – changed by FlexField

Oracle Applications

File Edit View Folder Tools Window Help

Asset Categories

Category: COMPUTER-DATA-PROCESSING
Description: Data Processing Equipment
Category Type: Non-Lease
Ownership: Owned
Property Type: REAL
Property Class: 1245

General Ledger Accounts

Book	COLOMBIAN CORP
Asset Cost	001.0000.154005.0000.000000
Asset Clearing	001.0000.159928.0000.000000
Depreciation Expense	001.0000.526005.0000.000000
Accumulated Depreciation	001.0000.159220.0000.000000
Bonus Expense	001.0000.526005.0000.000000
Bonus Reserve	001.0000.159220.0000.000000
Revaluation Reserve	001.0000.191020.0000.000000
Revaluation Amortization	001.0000.381020.0000.000000
CIP Cost	
CIP Clearing	
Impairment Expense	
Accumulated Impairment	
Unplanned Depreciation Expense	
Alternate Asset Cost	
Write-Off Expense	

Default Rules

PO Expense Account Rules – dataloader

Expense Account Rules

Search

Account Rule Value

Segment Name

Go

Clear

Create

Account Rule Type	Account Rule Value	Segment Name	Segment Value	Update	Delete
ITEM CATEGORY	060.42	Account	1410		
ITEM CATEGORY	110.00	Account	1480		
ITEM CATEGORY	145.45	Account	1530		
ITEM CATEGORY	208.05	Account	1411		
ITEM CATEGORY	485.10	Account	1499		

Define Expense Account Rules

- + Purchasing
- Financials
 - + Currency
 - Payment Terms
- Accounting
 - Period Types
 - Calendar
 - Control Purchasing Periods
 - Open and Close periods
 - Accounts
 - QuickCodes
 - Countries
 - Expense Account Rules
- + Items

Additional Steps (Not Covered By Software)

☐ Hard-Coded (RICE-W or CEMLI Activities)

- Interfaces to third-party systems
- Data Warehouse
- Reports
- Workflows
- OFA – Oracle Financial Analyzer
- ADI Templates

☐ Uses Ranges

- Approval Assignments
- Budget Assignments

☐ EBS Features/ Functions

- New Modules/Functionality
- Some Configuration – New CoA, Secondary Ledgers, Reassign changed Balancing Segment Values (BSVs), etc.
- Recompile Fast Formulas
- Re-run Global HR Patch
- Upgrade to New Release

☐ Definition of target

☐ Testing and Cutover Strategy and Execution

- Reconciliation

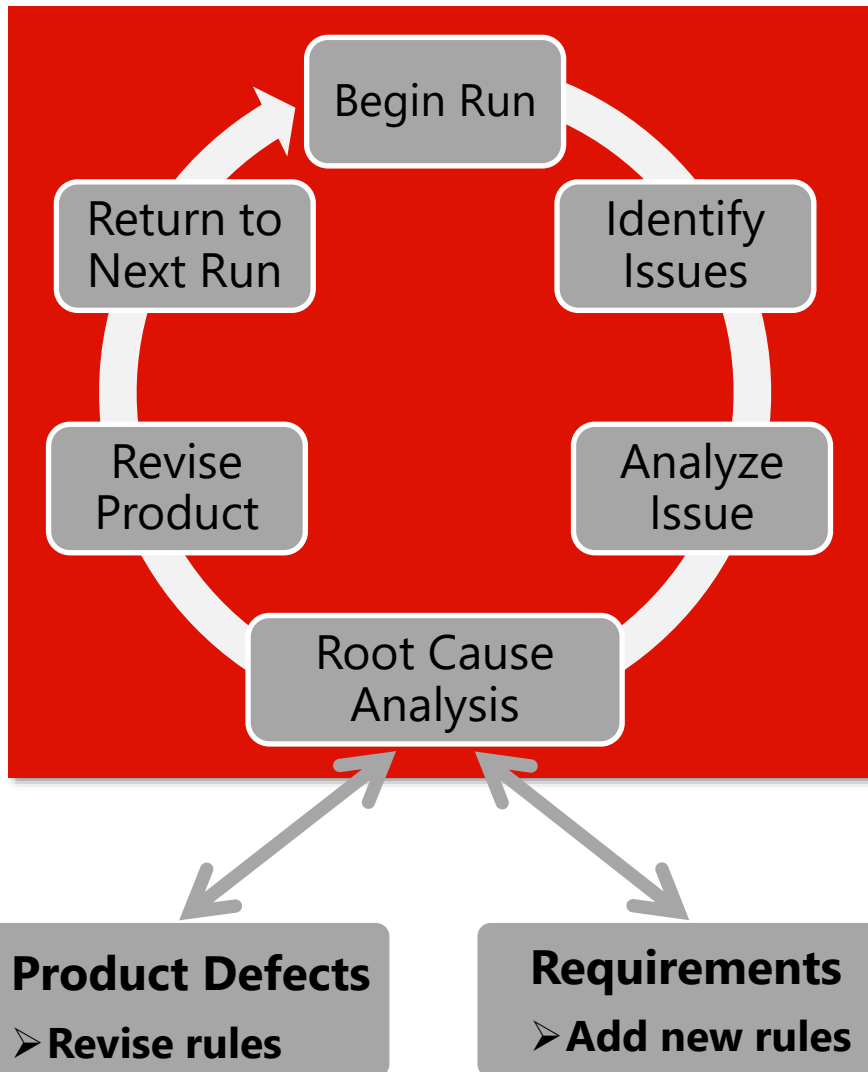
☐ Business Rules (Specific to a Company)

- Cross Validation Rules
- Consolidation Rules
- Account Derivation Rules
- Accounting Generator
- Roll-up Groups
- Security Rules
- Summary Templates
- Mass Allocations
- Costing and Revenue Recognition Rules
- Descriptive Flexfields
- "Auto" – anything
- Intercompany and Intracompany Transactions, Rules, and Clearing Accounts
- Tax Books

Critical Success Factor - Use Of FlexField Software By eprentise To Change The Chart Of Accounts

- ❑ Quicker move to one true global company
- ❑ Shorter project duration (1/3 of time). Lower cost, fewer resources than alternatives. Technical resources not required to write conversion programs for historical and detailed transaction data.
- ❑ Allowed more time to test results vs focus on writing/testing code – paradigm shift. Reduced testing time - trial balance reconciliations to confirm completeness/accuracy of data conversion
 - One-time reconciliation – no cross-walking, pointers, or ongoing mapping required
 - Retained all history, changes made in all subledgers, setups that use CCIDs
 - Fast track remainder of Global Business Transformation Programs
 - Improved Quality
 - Database integrity
 - All history is complete and consistent (Transparency to comply with IFRS)
 - Easier reconciliation
 - Cross chart exception checking (US had 4 charts), transaction ties across instances, and charts
 - Enforced controls and audit trail

Integrated 'Project-To-Product' Quality Feedback System



Average Number of Issues			
Product	Run #1	Run #2	Run #3
FF	0 to 2	0 to 1	0
CC	1 to 3	0 to 1	0
Re-Org	3 to 8	0 to 5	0
Divestiture	2 to 6	0 to 4	0
Consolidation	4 to 10	0 to 6	0

Improved agility using rule-based development framework

Continuous process and quality improvement and include learnings from all projects

Improved quality and reduced risk

Customer/Partner Tasks, Roles And Responsibilities



Project Manager

- Project Plan, Client Resources/Schedule
- Status Meetings and Reports
- Client Liaison
- Tracking Testing/Issues



Database/System/Network Administrator

- Access for eprentise Team
- Negotiation with Hosting Company
- Standard Database/System Administration, Maintenance, Patching
- Instance Strategy, Preparation of Test and Reference Instances, and Environment Refresh
- System and Database Performance



Functional Team

- Testing, Recording of Issues, Requirements Changes, Reporting of Results
 - Testing Includes Full Close Cycle for Each Module, Running of Standard Reports, Creation of New Transactions, Update of Open Items
 - Pre- and Post- Steps



Technical Team

- CEMLI Objects
- Reconfigure and/or Reload of Data Warehouse

ePrentise Value Proposition

Software - not Consulting ***Transformation - not Migration or Integration***

- ❑ Proven track record
 - ePrentise software has been successfully utilized to support over \$250 billion of merger, acquisition and divestiture deals
 - Software product company with unique approach to common business issues
 - Success stories – Many Fortune 50 companies
 - 100% Customer satisfaction
- ❑ Competitive advantages
 - Much lower cost of implementation (product vs. services)
 - Unique knowledge set developed from years of use
 - Proprietary, patented, proven technology
 - No other software in the market
- ❑ Benefits of ePrentise approach
 - Maintains database integrity
 - Retains all history
 - All conflicts resolved
 - Reduces risk
 - Reduces project duration
- ❑ Efficiency gains because of shorter project duration with fewer resources translates to lower costs
 - Repeatable results, reusable as requirements change
 - Requires significantly less time and resources than consulting efforts
- ❑ Accurate, consistent results
 - No custom code
 - No need to worry about different coding styles, standards, skill levels, corrupting database, differences in different versions
 - Eliminates need to “qualify” consultants on technical skills
 - Generates code automatically without technical knowledge
- ❑ No need for external mapping, data warehouse, or reporting to reconcile different businesses

Data Transformation with 100% Accuracy

FlexField Pricing

- ❑ Each FlexField COA Unit is a license to change one named Accounting Flexfield in one Oracle E-Business Suite production instance one time, and any number of times in associated non-production instances. An archive instance requires separate licenses.
- ❑ The license fee includes remote assistance from the eprentise team for up to 3 test cycles during US business hours and one production run at no charge. Additional runs may be completed by the client team with issue resolution support provided within 2 business days. There are no additional or ongoing product support or consulting fees.
- ❑ The discount license fee applies to those applicable additional licenses purchased within two (2) years of the initial purchase for use by the same division in a company sharing the same EBS instance.

Charts of Accounts	Cost Per Unit	Total Cost
1	\$35,700	\$35,700
2	\$35,700 + \$35,700	\$71,400
3	\$71,400 + \$35,700	\$107,100
4	\$107,100 + \$31,800	\$138,900
5	\$138,900 + \$31,800	\$170,700
6	\$170,700 + \$31,800	\$202,500
7	\$202,500 + \$27,900	\$230,400
8	\$230,400 + \$27,900	\$258,300
9	\$258,300 + \$27,900	\$286,200
10	\$286,200 + \$12,900	\$299,100
100 (11 – 100)	\$12,900 per flexfield over 10 + \$299,100	\$1,460,100
Over 100	\$6,950 per flexfield over 100 + \$1,460,100	

FlexField Add-Ins (Purchase of FlexField License Required for Each COA)	Total Cost per Flexfield
HR Cost Allocation Add-on	\$11,950
Split Balancing Segment Add-on	\$75,000
Federal Budgeting Add-on	\$11,950
Grants Accounting Module	\$29,750
Filter by BSV within a Ledger (Exclude BSVs from COA Change)	\$125,000
Filter by Ledger (Exclude Ledgers from COA Change)	\$125,000

Getting Started

❑ Client Download Site

- Diagnostic script
- FlexField software download
- Articles, data sheets, sample project plans
- Project Expectations

❑ System Requirements for eprentise

- Access
- Server, OS, and DB details
- Reference instance