

eprintise[®] Divestiture 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.



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®

eprentise Software Has Been Used To Support Over \$250 Billion In Merger, Acquisition, And Divestiture Transactions For Oracle® EBS Customers

Organization	Business Problem	eprentise Solution
GE / Synchrony \$26.5B	GE needed to spin off its consumer credit card business as part of its move to become more of a pure industrial organization.	Using eprentise Divestiture software, GE Capital split all transactions by balancing segment value, and moved all transactions and history to a new ledger, a new LE, and a new OU and changed the names of the new entities. The data from the consumer credit card business was removed from the GE Capital corporate instance.
Siemens / Dresser-Rand \$7.6B	Siemens' purchase of Dresser-Rand required the divestiture of a Dresser-Rand business unit (due to regulatory requirements of a foreign company doing business with the US government) as part of the acquisition. Because of the high hosting costs of separate instances, D-R wanted to maintain the separate business within their current environment until the government business was sold.	The project involved copying data within the same instance to new structures. Using eprentise Reorganization software, D-R copied data from 3 source inventory orgs within 2 different source OUs to 3 new target inv orgs in 2 OUs. This project involved repointing 19 old cost group IDs and 164 Project Accounting expenditure orgs to new cost groups and new expenditure orgs. This resulted in a single EBS instance with the government business copied into separate ledgers and operating units. A calendar change followed.
High-Tech Company (Partner – KPMG)	This company was looking to divest two business units but identifying the data sets for those entities was not straight forward.	eprentise Divestiture software was able to support 180 different selection criteria to filter the data belonging only to the two different carved out entities and enable the identification of the data sets for the new divested entities. The divestitures did not go through.
Hertz (Partner – Deloitte) \$2.5B	Hertz divested its rental equipment business (HERC).	Data belonging to Hertz was purged from the instance. Purge criteria included ledger, OU, Inv org, asset books, and business groups. Hertz had a full suite of EBS modules including HR and contracts. After the divestiture, HERC had its own stand-alone instance with only its data in it.
BMC \$6.9B +	BMC went from public company to private company and needed financials to represent the close date including retained earnings and equity adjustments. 32 corporate asset books also reflected the close date. In a separate project, they were acquired and needed to go from a private company back to a public company.	eprentise Calendar Change - BMC created a stub year ending on the last day as a public company, and a longer year beginning on the first day as a private company using eprentise Calendar Change software. All financials from the close were represented accurately on the date of the close and retained earnings were adjusted. When BMC was later acquired by KKR, they completed a second calendar change project to end their new calendar year effective as of the acquisition date. Assets were revalued and moved to new corporate books.

Proven Out-Of-The-Box Software Products

The collage displays several eprentise software interfaces, each representing a different project or module:

- Consolidation Ruleset Workflow:** A diagram showing a sequence of steps: Start, Prepare Source Instance, Resolve Source Seed, Resolve Source, Align Target, and Consolidate. Each step has a status indicator (e.g., 'Not Started').
- Divestiture Project for ERPP:** A 'Create Rule' form with fields for 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), and checkboxes for Enable, Allow others to Modify/Delete/Execute, and Exclude.
- Reorganization Project:** A 'Create Rule' form with fields for Rule Type (Change Rule), Rule Template (Merge Set of Books), Authority Type (Instance), Authority (BARRICK), Rule Name (Merge Operating Units), Selection Criteria (Source: Progress Canada, Target: Progress US), and checkboxes for Enable, Allow others to Modify/Delete/Execute, and Exclude.
- Inventory Orgs Project:** A 'Create Rule' form with fields for Rule Type (Change Rule), Rule Template (Merge Set of Books), Authority Type (Instance), Authority (BARRICK), Rule Name (Merge Operating Units), Selection Criteria (Source: Progress Canada, Target: Progress US), and checkboxes for Enable, Allow others to Modify/Delete/Execute, and Exclude.
- Reorganization Project (Set of Books):** A 'Create Rule' form with fields for Rule Type (Change Rule), Rule Template (Change Set of Books), Authority Type (Instance), Authority (BARRICK), Rule Name (Merge Operating Units), Selection Criteria (Source: Progress Canada, Target: Progress US), and checkboxes for Enable, Allow others to Modify/Delete/Execute, and Exclude.
- Reorganization Project (Add ADP Rule to Barrick Gold 12 Calendar):** A 'Create Rule' form with fields for Rule Type (Change Rule), Rule Template (Add Adjustment Periods to Accounting Calendar), Authority Type (Instance), Authority (BARRICK), Rule Name (Run-4 ADD ADP Rule to Barrick Gold 12), Selection Criteria (New Calendar File: J:\PCH-4 Change of Aug 2008 Accounting Calendar), and checkboxes for Enable, Allow others to Modify/Delete/Execute, and Exclude.

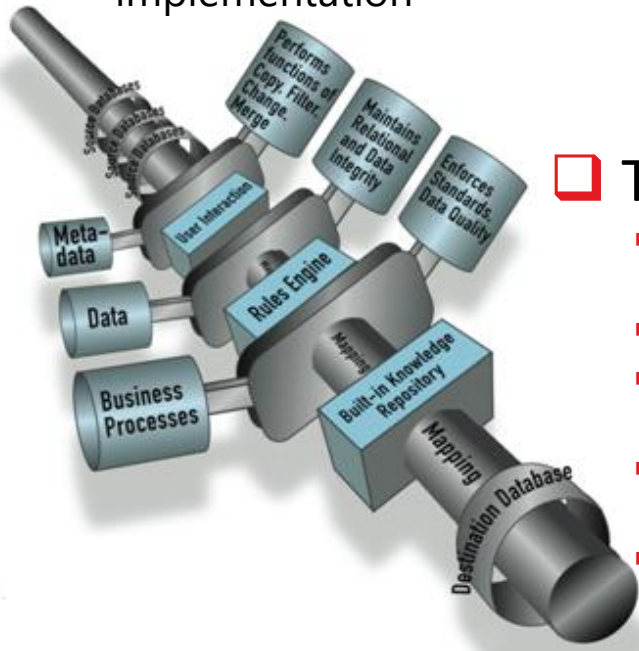
At the bottom left, there is a table with 4 rows and 3 columns (A, B, C):

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

ePrentise Transformation Solution

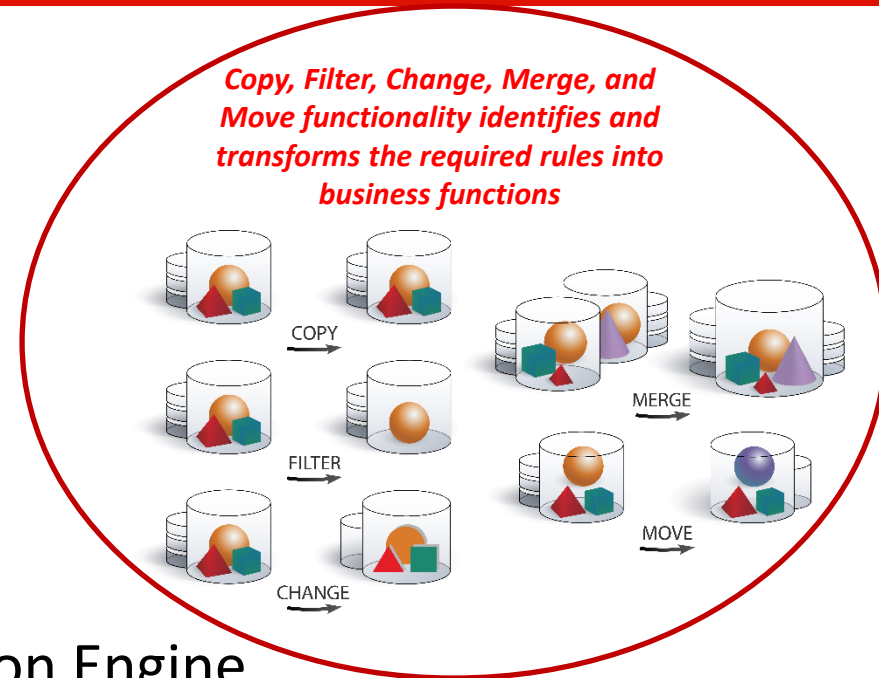
Metadata Analysis

- Knowledge Repository – intelligent, learning and building from each successive implementation
 - Houses hundreds of thousands of rules
- Rules Engine
- Automated conflict resolution and data mapping
- Rules learned automatically during each implementation



Transformation Engine

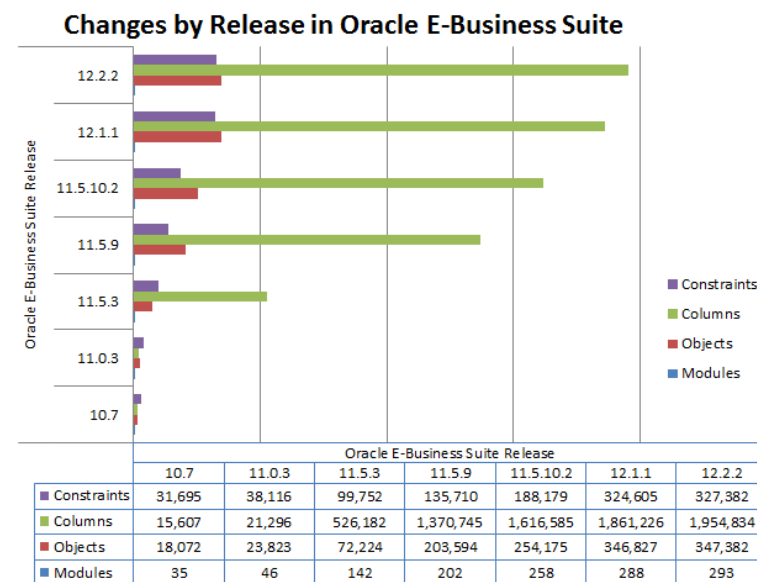
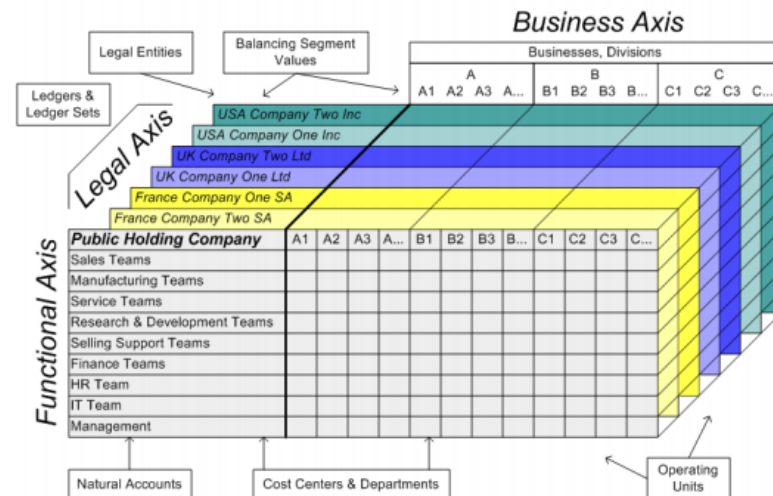
- Metadata transformation specific to product (documented & undocumented)
- Knowledge acquired from product and process
- Converts all historical data in every module with 100% accuracy.
- Process Automation to transform data from source to target
- Executes rules in the right sequence to maintain relational integrity



Ultimately Generates the Single Source of Truth for the Customer

What Problems Do We Solve?

- ❑ The Company's intelligent products enable its Fortune 1000 and Global 500 customers to remodel their databases as fast as they change their businesses.
- ❑ Use automated tools and methods to find, change, and validate data throughout the system without coding.
- ❑ Finding relationships (even undocumented) in data across multiple modules and thousands of tables and building that intelligence into a software product.



ePrentise Divestiture Features

- ☐ Filter on any criteria
- ☐ Unneeded data and all related data is **purged** from the instance (Seed, Configuration, Master, Transactions)
- ☐ Load spreadsheets to separate data that doesn't meet criteria
- ☐ Filter configuration, master, and transaction data
- ☐ Scalable framework that can be tuned for client-specific requirements
- ☐ Maintains the integrity of the data post-divestiture in the new (purged) instance
- ☐ Audit trail

Filter On Any Criteria And On Multiple Criteria

Code Combination Segment Value

Create Rule

Rule Type: Filter Rule
Rule Template: Filter by Code Combination Segment values
Authority Type: Instance
Authority: ERPP-51-UNEN
Rule Name: Filter by Code Combination Values-1

Selection Criteria
Chart of Accounts: Global Accounting Flexfield

(Attribute	Condition	Value(s)	From & To Values)	None / And / Or	Action
<input type="checkbox"/>	Company	*	01			And	Add Row
<input type="checkbox"/>	Department	*	0000			None	Delete

Save Cancel

Filter by Legal Entity and Balancing Segment Value

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

Save Cancel

Filter by Operating Unit with File Load

Create Rule

Rule Type: Filter Rule
Rule Template: Filter by entities within Operating Unit
Authority Type: Instance
Authority: Test-Instance
Rule Name: Data Divestiture-Rule

Selection Criteria
Operating Unit: OU_AMER_MEXICO, OU_AMER_StartBot, OU_APAC_AUSTRALIA, OU_APAC_INDIA

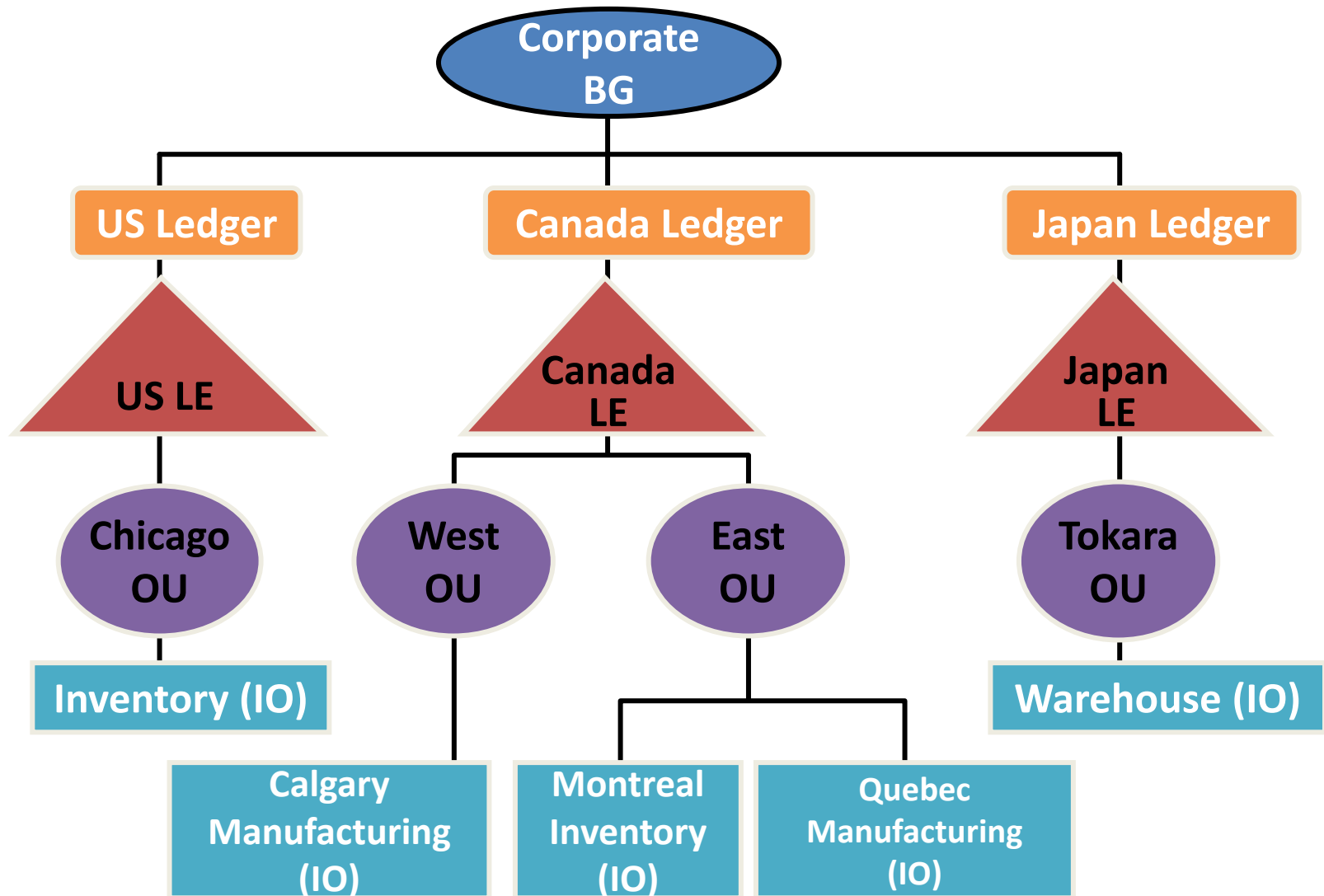
Load Asset File: Browse... Assets.csv
Load Employee File: Browse... Employee.csv
Load Vendor File: Browse... Vendors.csv

Retain Delete (for each file type)

Save Cancel

Specify Retain or Delete

Organization Structure: Example



Identify Split Transactions

- ❑ PO lines split between three companies
- ❑ Criteria: Keep lines associated with the retained company 816, purge lines associated with companies 014 and 295
- ❑ Update transaction amounts to reflect only BSV 816 with remaining Qty: 5 and Amount: \$33,840

PO_HEADER_ID	PO_LINE_ID	ACCOUNT CCID	COMPANY	QUANTITY DELIVERED	AMOUNT BILLED	RETAIN
80214	291665	238983	014	1	6600.92	N
80214	291667	238983	014	1	6600.92	N
80214	291669	238983	014	1	6600.92	N
80214	291670	238983	014	1	6602.92	N
80214	291661	238983	014	1	6600.92	N
80214	291662	238983	014	1	43.82	N
80214	291663	238983	014	1	6600.92	N
80214	291666	238983	014	1	6600.94	N
80214	291664	238983	014	1	6600.92	N
80214	291659	60659	295	800	4408	N
80214	291660	60659	295	1	109.96	N
80214	291657	184198	816	1	1800	Y
80214	291656	184198	816	1	1800	Y
80214	291658	99575	816	1	1440	Y
80214	291668	99575	816	1	18000	Y
80214	291655	99575	816	1	10800	Y

Repointing Approach For Handling Split Transactions

Original Transaction									Repoint BSV Transaction											
PO #	BSV	OU	BSV Split Amount	Invoice Amount	Invoice #	Check Amount	Check #	Payments Applied Amount	PO #	BSV	OU	BSV Split Amount (Invoice)	Invoice Amount	Invoice #	Check Amount	Check#	Payments Applied Amount			
PO001	01	OU1	\$ 100.00	\$ 100.00	101	\$ 100.00	311	\$ 100.00	PO001	01	OU1	\$ 100.00	\$ 100.00	101	\$ 100.00	311	\$ 100.00			
PO002	02	OU2	\$ 110.00	\$ 110.00	102	\$ 110.00	312	\$ 110.00	PO002											
PO003	03	OU1	\$ 120.00	\$ 120.00	103	\$ 340.00	313	\$ 120.00	PO003	03	OU1	\$ 120.00	\$ 120.00	103	\$ 340.00	313	\$ 120.00			
PO004	04	OU1	\$ 130.00	\$ 130.00	104			\$ 130.00	PO004	99	OU1	\$ 130.00	\$ 130.00	104			\$ 130.00			
PO005	01	OU1	\$ 70.00	\$ 140.00	105			\$ 70.00	PO005	01	OU1	\$ 70.00	\$ 140.00	105			\$ 70.00			
PO006	04	OU1	\$ 70.00					\$ 20.00	PO006	99	OU1	\$ 70.00					\$ 20.00			
PO007						\$ 50.00	PO007	\$ 50.00												
PO008	06	OU1	\$ 150.00	\$ 150.00	106	\$ 200.00	314	\$ 150.00	PO008	99	OU1	\$ 150.00	\$ 150.00	106	\$ 200.00	314	\$ 150.00			
PO009	05	OU2	\$ 160.00	\$ 160.00	107	\$ 330.00	315	\$ 160.00	PO009	05	OU2	\$ 160.00	\$ 160.00	107	\$ 330.00	315	\$ 160.00			
PO010	07	OU2	\$ 170.00	\$ 170.00	108			\$ 170.00	PO010	07	OU2	\$ 170.00	\$ 170.00	108			\$ 170.00			
PO011	08	OU2	\$ 180.00	\$ 180.00	109	\$ 370.00	316	\$ 180.00	PO011											
PO012	08	OU2	\$ 190.00	\$ 190.00	110			\$ 190.00	PO012											

Carve out Criteria	
BSV	Criteria
01	Retain
02	Purge
03	Retain
04	Purge
05	Retain
06	Purge
07	Retain
08	Purge
99	Dummy

☐ Retain and repoint splits

- Completely purge all checks and invoices that are not in the retain BSV criteria
- Repoint the portions of the split invoices/checks that meet the purge BSV criteria to a dummy BSV
- Keep invoice and check amounts unchanged
- Facilitates reconciliation

Handling Balancing Segment Split

BEFORE (Parent)			
	Account	DR	CR
Vendor Invoice			
Expense - Company1	001-5555	600	
Expense - Company2	002-5678	400	
AP Liability	001-2222		1000
Payment			
AP Liability	001-2222	1000	
Cash	001-1111		1000

AFTER (Child)			
	Account	DR	CR
Vendor Invoice			
Expense - Company2	002-5678	400	
AP Liability - Company2	002-2222		400
Payment			
AP Liability - Company2	002-2222	400	
Cash - Company2	002-1234		400

Map

MAPPING				
	Account	DR	CR	ACTION
Vendor Invoice				
Expense - Company1	001-5555	600		PURGE
Expense - Company2	002-5678	400		RETAIN
AP Liability - Company1	001-2222		600	"SPLIT" -
*AP Liability - Company2	002-2222		400	Transform in Place
Payment				
AP Liability - Company1	001-2222	600		"SPLIT" -
*AP Liability - Company2	002-2222	400		Transform in Place
Cash - Company1	001-1111		600	"SPLIT" -
*Cash - Company2	002-1234		400	Transform in Place
*Mapping for Company2 Accounts Needs to be Provided				

Transform

Reporting: Account Analysis Report

Before Divestiture

CSIL Set Of Books

Account Analysis Report
Source Item
Period: Dec-08 To Dec-08

Report Date: 14-DEC-2007 23:23
Page: 1 of 1

Currency: INR
Accounts From: 01-000001-9991-000-000
To: 01-999999-9991-999-999
Balance Type: Actual
Period: Dec-08

Source	Category	Batch Name	JE Name	Accounting Flexfield	Description	Source Item	Debits	Credits
Payables	Purchase I 257	Payabl	Purchase	01-401201-9991-000-00	Journal Imp		300.00	
Payables	Purchase I 257	Payabl	Purchase	01-411100-9991-000-00	Journal Imp		100.00	
Payables	Purchase I 257	Payabl	Purchase	01-411141-9991-000-00	Journal Imp		400.00	
Payables	Purchase I 257	Payabl	Purchase	01-421101-9991-000-00	Journal Imp		200.00	
Payables	Purchase I 278	Payabl	Purchase	01-411161-9991-000-00	Journal Imp		200.00	
Receivable	Credit Mem AR 1165	Re	Credit Me	01-221451-9991-000-00	AR(CM) acco test-2-cm		200.00	
Receivable	Credit Mem AR 1165	Re	Credit Me	01-221451-9991-000-00	AR(CM) acco test-2-cm			200.00
Receivable	Credit Mem AR 1165	Re	Credit Me	01-221451-9991-000-00	Receivable test-2-cm			200.00
Receivable	Credit Mem AR 1165	Re	Credit Me	01-301135-9991-000-00	Revenue acc test-2-cm		200.00	
Receivable	Sales Invo AR 1165	Re	Sales Inv	01-221451-9991-000-00	Receivable test-1			
Receivable	Sales Invo AR 1165	Re	Sales Inv	01-221451-9991-000-00	Receivable test-2			
Receivable	Sales Invo AR 1165	Re	Sales Inv	01-301110-9991-000-00	Revenue acc test-1			
Receivable	Sales Invo AR 1165	Re	Sales Inv					
Receivable	Trade Rece AR 1165	Re	Trade Rec					

Total for Period: Dec-08

Beginning Balance:

Ending Balance:

After Divestiture

CSIL Set Of Books

Account Analysis Report
Source Item
Period: Dec-08 To Dec-08

Report Date: 15-DEC-2007 05:20
Page: 1 of 1

Currency: INR
Accounts From: 01-000001-9991-000-000
To: 01-499999-9991-999-999
Balance Type: Actual
Period:

Source	Category	Batch Name	JE Name	Accounting Flexfield	Description	Source Item	Debits	Credits
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***** No Data Found *****

Reporting: Trial Balance Report

Before Divestiture

CSIL Set Of Books

Summary1 Trial Balance
Period: Dec-08

Report Date: 14-DEC-2007 23:37
Page: 1 of 1

Currency: INR
Balance Type: Period to Date
Department Range: 9991 to 9991
Department: 9991 EPR-Test

Account	Description	Beginning Balance	Debits	Credits	Ending Balance
201230	Electrical Installation	<600.00>	0.00	0.00	<600.00>
201240	Furniture And Fixtures	600.00	0.00	0.00	600.00
221451	Sundry debtors	0.00	500.00	500.00	0.00
301110	Sales Hardware - CST	0.00	0.00	100.00	<100.00>
301135	Sales Software - CST	0.00	200.00	200.00	0.00
401201	Purchase Hardware Indigenous	0.00	300.00	0.00	300.00
411100	Clearing & Freight Charges	0.00	100.00	0.00	0.00
411141	Consultancy Services	0.00	400.00	0.00	0.00
411161	Software Development Cost	0.00	200.00	0.00	0.00
421101	Audit Fees				

After Divestiture

CSIL Set Of Books

Summary1 Trial Balance
Period: Dec-08

Report Date: 15-DEC-2007 05:23
Page: 1 of 1

Currency: INR
Balance Type: Period to Date
Department Range: 9991 to 9991
Department:

Account	Description	Beginning Balance	Debits	Credits	Ending Balance
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***** No Data Found *****

Reporting: Payables Account Analysis Report

Before Divestiture

Payables Account Analysis Report

Reporting Level: Operating Unit

From Account: 01-100000-9991-000-000

GL Transfer Status: All

Reporting Context: Cranes Software In

To Account: 01-499999-9991-000-000

First Order By:

Set of Books Currency INR

From Date: 13-DEC-07

Second Order By:

Accounting Method: Accrual

To Date: 14-DEC-07

Third Order By:

Summarize Report: No

Report Date: 15-DEC-2007 01:45

Page: 2

CSIL Set Of Books

Payables Account Analysis Report

Account: 01-401201-9991-000-000

Description: Cranes Software Internati-Purchase Hardware Indigen-EPR-Test-No Product-No Future

Transferred to GL

Accounting Date	Supplier Name	Document Number	Doc Class	Line Type	Description		PO Number

After Divestiture

Payables Account Analysis Report		
Reporting Level: Operating Unit	From Account: 01-100000-9991-000-000	GL Transfer Status: All
Reporting Context: Cranes Software In	To Account: 01-499999-9991-000-000	First Order By:
Set of Books Currency INR	From Date: 13-DEC-07	Second Order By:
Accounting Method: Accrual	To Date: 14-DEC-07	Third Order By:
CSIL Set Of Books		Summarize Report: No
		Report Date: 15-DEC-2007 05:19
		Page: 2
Payables Account Analysis Report		
*** No Data Exists for this Report ***		

Reporting: Sales Journal By GL Account Report

Before Divestiture

CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
Order By	:	Customer							
Currency Code	:	ZMR							
GL Account Type	:								
Posting Status	:								
GL Date	:	13-DEC-07	To	14-DEC-07					
GL Account	:	01-100000-999-000-000	To	01-499999-999-000-000					
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 1	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Charges								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 2	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Freight								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 3	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Receivable								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
Accounting Field(s): 01-211401-999-000-000									
GL Inv P A and SB Information 1001 13-DEC-07 100.00 100.00									
GL Inv P P S Mobile Callside 1101 13-DEC-07 200.00 200.00									
GL Inv P P S Mobile Callside 1101 13-DEC-07 200.00 200.00									
Subtotal by Invoice Currency: 200.00 200.00									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 4	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Revenue								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
Accounting Field(s): 01-211110-999-000-000									
GL Inv P A and SB Information 1001 13-DEC-07 100.00 100.00									
GL Inv P P S Mobile Callside 1101 13-DEC-07 200.00 200.00									
GL Inv P P S Mobile Callside 1101 13-DEC-07 200.00 200.00									
Subtotal by Invoice Currency: 200.00 200.00									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 5	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Rounding Distribution								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 6	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: AutoInvoice Clearing								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 7	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Tax								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 8	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Unbilled Receivable								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
CSL Set Of Books			Sales Journal by GL Account Report					Report Date: 13-DEC-2007 01:45	
			GL Date 13-DEC-2007 - 14-DEC-2007					Page: 9	
Currency: ZMR									
GL Account: 01-100000-999-000-000									
Posting Status: Unearned Revenue								To 01-499999-999-000-000	
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount	
***** No Data Found *****									
Totals: 200.00 200.00 200.00 200.00									

After Divestiture

CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Order By	:	Customer						
Currency Code	:	ZMR						
GL Account Type	:							
Posting Status	:							
GL Date	:	13-DEC-07	To	14-DEC-07				
GL Account	:	01-100000-999-000-000	To	01-499999-999-000-000				
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 1		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Charges							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 2					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 2		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Freight							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 3					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 3		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Receivable							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 4					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 4		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Revenue							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 5					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 5		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Rounding Distribution							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 6					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 6		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	AutoInvoice Clearing							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 7					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 7		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Tax							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 8					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 8		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Unbilled Receivable							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39					
GL Date 13-DEC-2007 = 14-DEC-2007			Page: 9					
CSL Set Of Books			Sales Journal by GL Account Report			Report Date: 13-DEC-2007 01:39		
Currency:	ZMR	01-100000-999-000-000	GL Date 13-DEC-2007 = 14-DEC-2007			Page: 9		
GL Account:			To 01-499999-999-000-000					
Posting Status:								
GL Account Type:	Unearned Revenue							
Invoice Number	Type	Customer Name	Customer Number	GL Date	Debit Amount	Credit Amount	Debit Amount	Credit Amount
***** No Data Found *****								
Totals:								

Benefits Of The eprentise Solution

- ❑ Proven technology
- ❑ Software solution not migration or integration
- ❑ Data is purged, not kept in an archive that could be compromised
- ❑ Rules-based software retains relational and data integrity
- ❑ Database rules understand all relationships in the Oracle E-Business Suite, so all related personal data is either purged or renamed
- ❑ Reduced risk

ePrentise Tasks, Roles And Responsibilities

❑ Preparation

- Specifications and Software Configuration Phase (Complex Projects)
- Rules Analysis / Identification of Source and Target/ Fit to Requirements
- Run Book

❑ Software Runs

- Iterative Process
- Rule Revisions
- Validation of Results (backend)
- Software Execution and Performance
- Run Book Modifications
- Software Quality Assurance

❑ Product Support

- Patches
- Issue Resolution

❑ Remote with Many Concurrent Projects

Customer 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

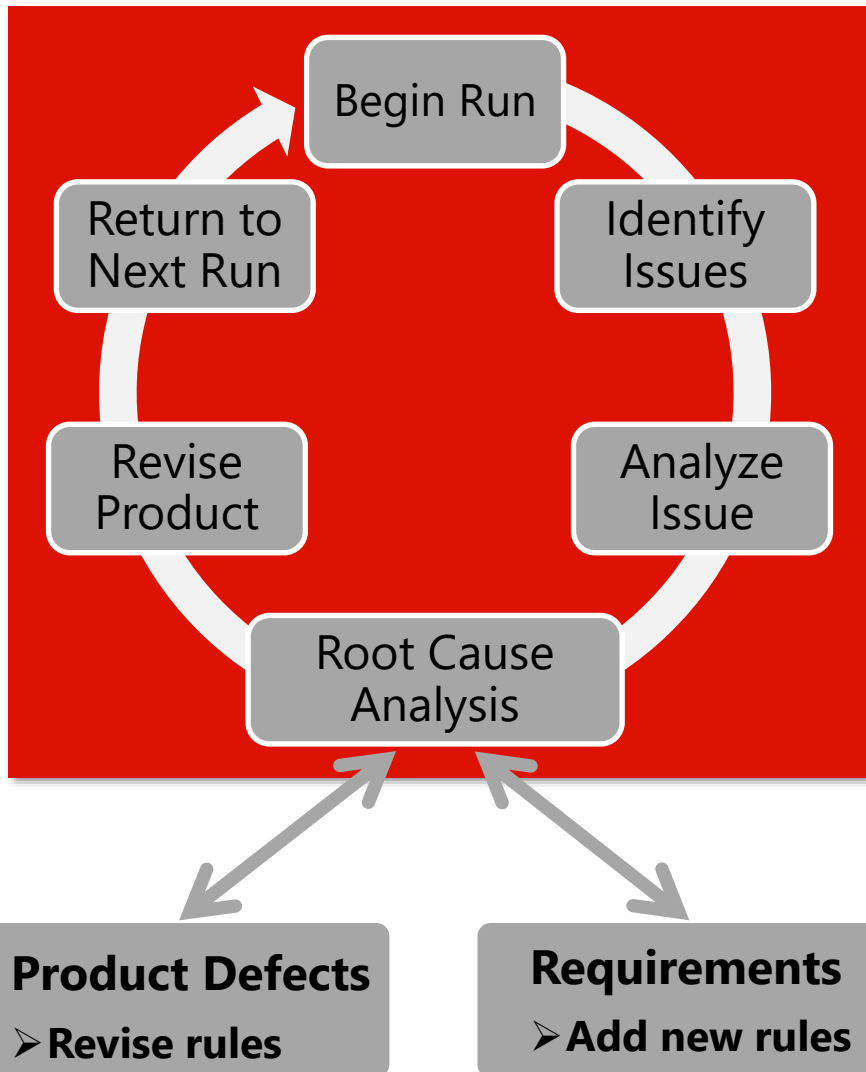
- CEMLI Objects
- Reconfigure and/or Reload of Data Warehouse

Post-Change 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
 - Tax Books
 - Intercompany and Intracompany Transactions, Rules, and Clearing Accounts

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

Divestiture Options

	End-Dating Responsibilities, Security, or Creating a Clone	Masking	Archiving	Oracle Purge	eprentise
Handles Split Transactions, Shared Data	No	No	No	No	Yes
Handles Open Transactions	No	No	No	No	Yes
Handles Master and Configuration Data	No	No	No	No	Yes
Understands EBS Related Data and Maintains Relational and Data Integrity	No	No	No	No	Yes
Handles Multiple Separation Criteria for Different Types of EBS Data	No	No	No	No	Yes
Commercial, Out-of-the-Box Software with Formal Testing and Release Cycle	No	No	No	Yes ?	Yes
Custom Solution Intended for Development Environments to Hide Sensitive Data like Credit Cards	No	Yes	No	No	No
Protects Sensitive Data (without DBA Access)	No	No	No	No	Yes
Can Resolve Conflicts Among Different Criteria	No	No	No	No	Yes
Can Supplement Criteria with Spreadsheets	No	No	No	No	Yes
Is Rules-based	No	No	No	No	Yes
Based on Business Criteria and Designed for the Business User, not IT	No	No	No	No	Yes
Provides a Full Audit Trail	No	No	No	No	Yes
Is Predictable and Repeatable as Requirements Change	No	No	No	No	Yes
Can Only Be Used if Criteria is at OU Level	Yes	No	No	No	No
Has Criteria for Common EBS Objects Pre-Defined	No	No	No	?	Yes
Results in a Fully-operational, Stand-alone Instance with Only Divested Entity Data in it.	No	No	No	No	Yes

Alternatives to eprentise Software

- ☐ Reimplementation
- ☐ Masking
- ☐ End-dating responsibilities, some sensitive data, security rules
- ☐ Giving the child company a clone
- ☐ New Implementation
- ☐ eprentise
- ☐ Archiving (transactions only)
- ☐ Oracle Purge (closed transactions only)

New Implementation (Reimplementation)

- ❑ Expensive and lengthy process
- ❑ Install hardware and software
- ❑ Define and configure business processes
- ❑ Configure applications
- ❑ Load and convert historical data
- ❑ Customizations
- ❑ Extensive documentation for all process flows and customizations
- ❑ Extensive resource requirements
- ❑ Extensive testing requirements

Issues with Oracle Purge

- ❑ Closed transactions only
- ❑ Table-by-table
- ❑ No concept of other separation criteria (OU, LE, BSV, etc.)
- ❑ Only by date (purge transactions older than 5 years) – no other criteria

Example data that is **not** handled by Oracle Purge Routines:

AR

- Open transactions and receipts
- Invoice adjustments but corresponding invoice is still open
- Closed transactions and receipts when one of the linked transaction/receipts is open

AP / PO

- PO not in finally closed status
- All PO lines not fully received and invoiced
- PO referred with WIP jobs and projects
- Invoice referred to projects
- Invoices matched to PO but corresponding not fully received/invoiced
- Invoices not fully paid

Fixed Assets

- Books that are end-dated
- Lines in last period of every year and last period of the asset cannot be purged

Cash Management

- Statements for bank accounts that had been end-dated
- Statements in interfaces if bank details were changed post initial creation

Sales Order

- Order is open.
- Open returns exist for this order.
- Open invoices exist for this order.
- Open deliveries exist for this order.
- Open drop ship PO/Requisition.

Projects

- Project has commitments, invoices with an outstanding balance.
- Has expenditures that are not cost-distributed.
- Unprocessed events and costs that are yet to be interfaced.
- Project has non-zero UBR and UER balances.
- Project contains vendor invoices that are not fully paid
- Exists Prov/Conf Assignment end-dated later than project closed date

Work in Progress

- Foreign Key of Discrete Jobs exists in following tables
CST_STD_COST_ADJ_VALUES
PO_REQUISITION_LINES_ALL
PO_DISTRIBUTIONS_ALL
RCV_TRANSACTIONS
PO_DISTRIBUTIONS_ARCHIVE_ALL

Issues With Adding Security Rules; Creating A Clone

- ❑ **Issues with sharing sensitive or confidential information**
 - Data breach responsibility
 - Compliance responsibilities
 - Future sale of child company to competitor
- ❑ **Segregating that doesn't belong to the child company**
 - Financial reports, analytics, taxes
 - Separation of data is an on-going issue that needs to be resolved on an ongoing basis
 - Data splits
 - In-process transactions may be confusing to the customer
 - Operational inefficiencies
 - Complexity for future M&A transactions (Who owns the data? What is the original data source?)
- ❑ **Size of database**
 - Performance
 - Longer close cycles
 - Additional infrastructure, hosting, maintenance, or license costs
 - Pay license fees for users who are not part of the child company, or modules that are not needed
 - Longer upgrade, patching times

Masking As An Alternative To eprentise

❑ What is masking?

- Designed to eliminate the risk of breaching sensitive data when copying data into non-production environments for the purposes of application development, testing, or data analysis. Used when sensitive data needs to be shared with non-production users
- Appropriate for a specific field (or a column in a table) such as credit card numbers, bank account numbers, social security numbers, or healthcare information
- Masking does not operate at a “structure level” (i.e. legal entity, operating unit, etc.) in EBS and doesn’t find related data. There is no built-in intelligence.

❑ Oracle now allows “decrypting” of sensitive information (credit card numbers, accounts, user passwords, etc.). Instructions are widely available on the internet.

What Is Your Confidential Data?

The Data That Would Hurt You If A Competitor Had Access To It

- ❑ Customers – buying history, discounts, contracts
- ❑ Suppliers – costs, discounts, payment terms, credit limits
- ❑ Inventory – cost of goods sold, inventory turns, returns, quality inspections
- ❑ Financial Information – balances, budgets, days sales outstanding

Finding all of the confidential data to be masked is like digging a hole with a spoon. It requires knowledge of every table, and then filtering that data based on the criteria for divestiture (legal entity, operating unit, or balancing segment value). You would need to hide much of the transaction detail, and then Oracle processes may not work correctly.

Masking Is A Risk: Both From Seller And Divested Entity Perspectives

❑ Seller's Perspective

- ❑ Can't be sure to get all the confidential data- especially what you don't want a competitor to see
- ❑ Business needs to spend time checking every table, all the attributes
- ❑ There are no rules that associate the data with the filter criteria (masking won't find the suppliers that are not used by the divested entity). That will need to be done with custom code for each data type. The code is pretty complex requiring many inner and outer joins, and knowledge of all the relationships.
 - Split or shared data not able to be masked
 - Data coming in from interfaces won't be masked

❑ Divested Entity's Perspective

- ❑ Masked data may compromise the integrity of the data and the Oracle processes (calculating balances, depreciating assets, creating payments)
- ❑ What happens to in-flight transactions, internal transfers, or intercompany accounting?
- ❑ How can you be sure that you get all the data that was part of the sales agreement (receivables, liabilities, etc.)
 - Data associated with the sold business components may need to be purged from the databases simply to get the reporting accurate

Oracle Masking Is A Coding Task Done By A Development Team

- ❑ Define Mask Formats
- ❑ Pre-defined Masking Formats for EBS include:
 - Credit Card Numbers
 - United States Social Security Numbers
 - ISBN Numbers
 - UPC Numbers
 - Canadian Social Insurance Numbers
 - North American Phone Numbers
 - UK national Insurance Numbers
 - AutoMask
- ❑ This is not the confidential data that needs to be removed for the divested entity.
- ❑ Not business driven, no understanding of EBS
- ❑ Requires unit and code testing
- ❑ Even Oracle sells it as part of a database administration tool for non-production environments

■ User-defined functions

To provide a user-defined function, select **User Defined Function** from the Add list, then click **Go** to access the input fields.

A user-defined function passes in the original value as input, and returns a mask value. The data type and uniqueness of the output values must be compatible with the original output values. Otherwise, a failure occurs when the job runs.

Combinable, a user-defined function is a PL/SQL function that can be invoked in a SELECT statement. Its signature is returned as:

Function udf_func (rowid varchar2, column_name varchar2, original_value varchar2) returns varchar2;

- rowid is the min (rowid) of the rows that contain the value original_value 3rd argument.

- column_name is the name of the column being masked.

- original_value is the value being masked.

That is, it accepts the original value as an input string, and returns the mask value.

Both input and output values are varchar2. For instance, a user-defined function to mask a number could receive 100 as input, the string representation of the number 100, and return 99, the string representation of the number 99. Values are cast appropriately when inserting to the table. If the value is not castable, masking fails.

Application Data Model and format or selecting one from that entry options are as

table with that of the masked or example, for a unique key list should also contain at

on clauses. If a column foreign key constraint or a

■ Encrypt

Encrypts column data by specifying a regular expression. The column values in all the rows must match the regular expression. This format can be used to mask data consistently across databases. That is, for a given value it always generates the same masked value.

For example, the regular expression [(01-9)[0-9]2)[0] generates U.S. phone numbers such as (123) 456-7890.

This format supports a subset of the regular expression language. It supports encrypting strings of fixed widths. However, it does not support * or + syntax of regular expressions.

If a value does not match the format specified, the encrypted value may no longer produce one-to-one mappings. All non-confirming values are mapped to a single encrypted value, thereby producing a many-to-one mapping.

■ Fixed Number

The type of column applicable to this entry is a NUMBER column or a STRING column. For example, if you mask a column that has a social security number, one of the entries can be Fixed Number 900. This format is combinable.

■ Fixed String

The type of column applicable to this entry is a STRING column. For example, if you mask a column that has a License Plate Number, one of the entries can be Fixed String CA. This format is combinable.

■ Null Value

Masks the column using a value of NULL. The column must be nullable.

■ Post-Processing Function

This is a special function that you can apply to the mask value that the masking engine generates. This function takes the mask value as input and returns the actual mask value to be used for masking.

■ SQL Expression

This masking format enables you to mask data using a SQL expression. Data masking uses this expression to generate original values. You cannot use this with other masking format types. The SQL Expression can consist of functions that evaluate to a valid substitution column within the table and other user-defined functions.

Database Testing Guide

Examples:

- data_random_string
Generates random data.
- first_name || ' ' || last_name
Generates e-mail address. In this example, first_name and last_name are columns in the table.
- CLOB Masking
data_mask_clob('CLOB_COLUMN')
Empties the CLOB.

custom_mask_clob('CLOB_COLUMN')

Applies the custom mask function to the clob column CLOB_COLUMN.

Conditional Mask

(case when WARTY_TYPE='PERSON' then WPERSON_FIRST_NAME || ' ' || WPERSON_LAST_NAME else (select data_random_string('U', 10) from dual) and)

Columns within 5% are present in the same table. The expression masks PERSON_FULL_NAME with the first and last name; otherwise, the mask is a random string.

Substitution Mask

select MASK_ZIPCODE from data_mask_DATA_MASK_ADDR where ADDR_SEQ = ora_hash(WZIPCODE , 1000, 1234)

Select 1000 rows in the substitution table data_mask_DATA_MASK_ADDR. Mask WZIPCODE with the MASK_ZIPCODE column in the substitution table. The row selected is dependent on ora_hash and is deterministic in this case. Selection is random if data_mask_random procedures are used.

End-Dating Responsibilities

"After the first implementation steps (DB Schema basically) we face that our competitor don't give us direct access to administrative responsibilities, due to its security policies (competitor is managing many other orgs worldwide on his system).

Due to this policy the only way to obtain data is asking SQL selects and checking setups on custom responsibility enabled by competitor(but not complete)."

Archiving

- ❑ Use a commercial off-the-shelf archiving solution to remove required data
- ❑ Archiving solution may not know all the entity relationships within a database
- ❑ Archiving is usually done to reduce transaction data therefore not all data may be removed
- ❑ Cannot be applied to a divestiture criteria with complex conditions
- ❑ Database and applications' tier need to be maintained in order to bring data back into instance
- ❑ Difficult to control access to archive instance

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

Prices (e)prentise Product Lines)

❑ Specifications and Software Configuration

- Fixed Price Consulting Engagement
- Determines scope of effort and business decisions to be made
 - Relevant data lists
 - Approach for handling of split/shared data
- Generic project plan and next steps for execution of project

❑ License Fees for e)prentise (non-cancellable, non-refundable)

- Metadata Analysis
 - Based on factors such as function, database size, number of instances, ledgers
- Rules Templates
 - Divestiture
 - Reorganization (Calendar Change, Change Legal Entities, etc.)

❑ Product Usage 25% of License Fee

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