

Farewell Oracle EBS

A Smooth Exit



#FarewellOracleEBS



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.



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 are 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.
- Automated Audit provides internal and external financial auditors with drill-down data from a balance sheet report into the transaction-level detail. The software covers hundreds of substantive procedures for the entire enterprise domain and builds in consistent audit processes and workflows across the organization.



Learning Objectives

After completion of this program you will be able to:

Objective 1: Explore reasons why companies may choose to move away from EBS now or in the future.

Objective 2: Explore why restructuring an existing EBS environment beforehand is the best approach for migrating.

Objective 3: Learn steps to streamline your EBS environment for a more efficient, cleaner and faster transition.

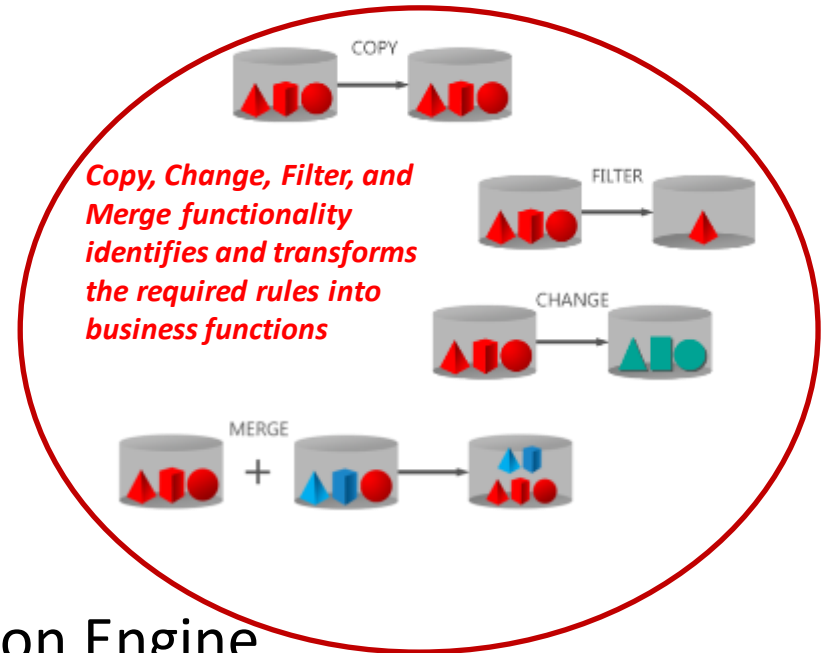
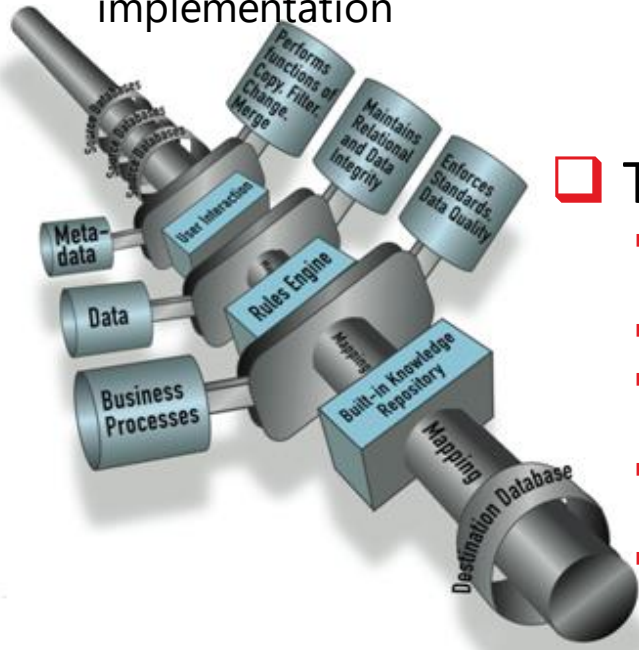
Outline

- ❑ Introduction
- ❑ Business Scenarios and Challenges for...
 - Multiple Instances, Different Charts of Accounts, Divestitures, Multiple Calendars, Unused Data
- ❑ Why eprentise?
 - Out-of-the-box Software
 - Proven Methodology and Approach
- ❑ Benefits

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

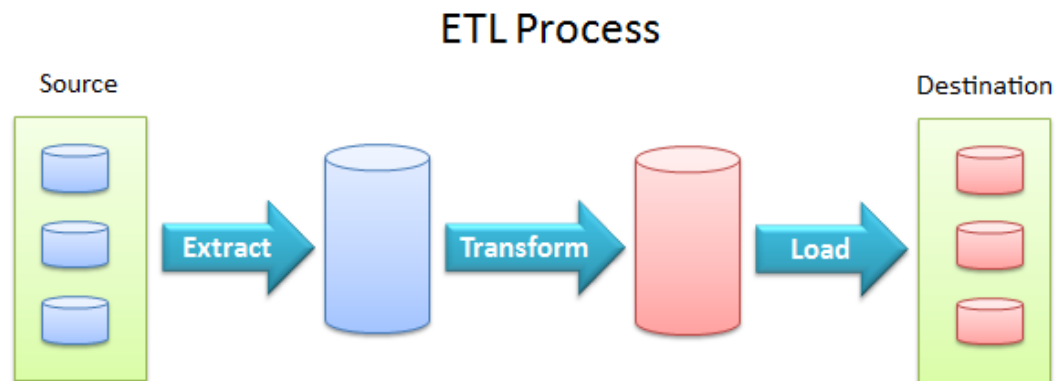
Ultimately Generates the Single Source of Truth for the Customer

The Business Scenarios

- ❑ You are moving to Oracle Cloud (Fusion/SAAS)
 - There is no direct migration path to Oracle Cloud from EBS
- ❑ You are moving to the Cloud (IAAS, PAAS)
- ❑ You've been acquired
 - The acquiring company does not use Oracle E-Business Suite (EBS)
 - The plan is to move to SAP or Dynamic or Netsuite or another ERP system within the next two years
- ❑ You have been divested from a parent company who used Oracle EBS, and you need a smaller, stand-alone footprint that you can manage with fewer resources

The Extract, Transform, and Load Process

- ❑ Set up the target
- ❑ Extract reference data, then master data, then transaction data
- ❑ Map EBS data to target objects
 - 1:1, Default values, concatenation of multiple columns
 - Cross referencing of values
 - Calculations
 - Open items (in transition)
- ❑ Align source data to target – custom code
 - Deal with data that is in source but not in target, data required in target but not in source, data that is in a different format in the source and target
 - **Deal with differences in charts of accounts, ledgers, operating units, calendars, etc.**
 - **Make sure changes are made to all related data**
- ❑ Load transformed data
 - Error handling
 - Revisions in custom code
 - Data volumes
 - **Managing relationships**

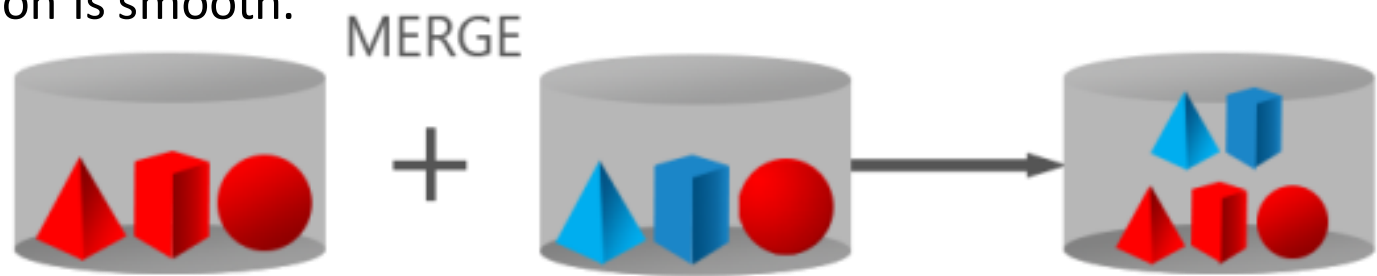


Challenge: Multiple Instances

- ❑ **Data needs to be extracted from multiple systems**
 - Different formats in each system
 - Different configurations in each system
 - Ledgers, Operating Units, Inventory Orgs
 - Charts of Accounts
 - Calendars
 - Inconsistent business processes
 - Duplicate data
 - Master data
 - IDs (document sequence numbers, invoice numbers, etc.)
 - Multiple interfacing systems and customizations
- ❑ **Coordination and synchronization of extracts**
 - Multiple teams – possibly of hundreds of technical consultants for each team
 - Different extract scripts, error handling, unit testing of code

The Solution: Consolidate Instances

- ❑ Automatically find differences among instances
- ❑ Automatically resolve conflicts
- ❑ Automatically create the mapping from source(s) to target instance
- ❑ Consolidation represents the union of all the data including history in each of the instances with duplicates, conflicts, and configuration differences resolved
- ❑ Only need to create extract scripts for one instance for taxes, reporting
- ❑ Added benefits
 - Significant immediate cost savings
 - Little modification to CEMLI objects that already exist in the target
 - Users see the same data, used in the same way as in their original instance so the transition is smooth.



Instance Consolidation

The screenshot shows the 'Consolidation Ruleset Workflow' interface in the eprantise system. The page title is 'Consolidation' and the user is logged in as 'BUSINESSUSER'. The project is 'NA-Consolidation'. A sidebar on the left contains a navigation menu with the following items: Consolidation, Prerequisites, Instance Consolidation, Rules, **Ruleset Workflow** (highlighted), Dashboard, Reports, User Tasks, Change Password, Change Activity, and Global Dashboard. The main content area displays a workflow diagram with the following steps and their statuses:

Step	Status
Start	Not Started
Prepare Source Instance	Not Started
Resolve Source Seed data	Not Started
Resolve Source Configuration data	Not Started
Resolve Source Master data	Not Started
Resolve Source Transaction data	Not Started
Align Target sequences	Not Started
Consolidate Source and Target Instances	Not Started
Stop	Not Started

A 'Note' is present: 'Click on the button next to the rule to execute the rule. Rules must be executed in sequence. Buttons can be clicked only when the rule is available for execution. The color of the button will change as the status changes.' A 'Refresh' button is located in the top right corner of the workflow area.

Reports Compare Source and Target

Database Objects

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Database Objects Differences - Index & Index Columns

Instance details

Instance No	Instance ID	Instance Name	Product Name	Product Version	SID	Database Name & Version	DBLink
1	1	NA Prod	Oracle E-Business Suite 11i	11.5.9	ERPP	Oracle9i Enterprise Edition (Release 9.2.0.3.0 - Production)	DBLINK.ERP
2	2	NA Test	Oracle E-Business Suite 11i	11.5.10.2	VIG	Oracle9i Enterprise Edition (Release 9.2.0.6.0 - Production)	

Unique / Nonunique Index & Index Columns

Index Owner	Index Type	Index in Both	Index only in 1	Index only in 2	Index Columns in 1	Index Columns in 2
ABM	NONUNIQUE	68	0	0	263	263
ABM	UNIQUE	173	0	0	614	614
AHL	NONUNIQUE	39	0	70	62	172
AHL	UNIQUE	132	2	45	212	283
AHM	NONUNIQUE	29	0	0	49	49
AHM	UNIQUE	31	3	3	39	39
AK	NONUNIQUE	27	0	13	100	115
AK	UNIQUE	38	4	19	162	172
ALR	NONUNIQUE	0	35	0	95	0
ALR	UNIQUE	0	39	0	100	0
AMF	NONUNIQUE	6	0	0	7	7
AMF	UNIQUE	33	2	2	53	53
AMS	NONUNIQUE	410	3	125	545	706
AMS	UNIQUE	297	12	92	422	526
AMV	NONUNIQUE	43	0	0	66	66
AMV	UNIQUE	48	10	10	99	99
AMW	NONUNIQUE	0	0	13	0	28
AMW	UNIQUE	0	0	77	0	126
AP	NONUNIQUE	219	1	28	258	299
AP	UNIQUE	177	4	20	296	323
APPLSYS	NONUNIQUE	252	7	104	521	765
APPLSYS	UNIQUE	541	137	314	1501	1931
APPS	NONUNIQUE	143	10	776	282	2993
APPS	UNIQUE	104	32	508	194	2552
AR	NONUNIQUE	387	8	132	836	1138
AR	UNIQUE	365	31	124	511	779
ABF	UNIQUE	3	0	0	8	8
ABG	NONUNIQUE	5	2	6	19	28
ABG	UNIQUE	50	4	11	71	80
ABL	NONUNIQUE	0	0	16	0	29
ABL	UNIQUE	1	1	6	3	17
ABO	NONUNIQUE	79	2	9	97	107
ABO	UNIQUE	44	30	31	68	71
AST	NONUNIQUE	10	0	0	10	10
AST	UNIQUE	3	0	0	3	3
AX	NONUNIQUE	38	0	2	118	123
AX	UNIQUE	4	39	43	130	141
AZ	NONUNIQUE	9	0	0	14	14
AZ	UNIQUE	26	3	4	60	61
BEN	NONUNIQUE	1227	0	38	1241	1290
BEN	UNIQUE	391	38	66	1118	1166
BIC	NONUNIQUE	5	0	0	7	7

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Configuration Analysis - Profile Option Values Details

Project : Metadata Analysis Report Type : Configuration Analysis Reports
 Instance : ERPP-51-UNEN Database Name : Oracle9i Enterprise Edition (ERPP)
 Product : Oracle E-Business Suite 11i Product Version : 11.5.9
 Created By : BUSINESSUSER

Profile Option Values Details

Application Name	Level	Level Name	Profile Option Name	User Profile Option Name	Profile Option Value
Application Object Library	APPLICATION	Application Implementation	HELP_TREE_ROOT	Help System Root	AZ.CONTENTS
Application Object Library	APPLICATION	Application Implementation	FND_MIGRATED_TO_JRAD	FND_Migrated To jRAD	Y
Application Object Library	APPLICATION	Application Object Library	SESSION_FAILOVER_ENABLED	FND_Session Failover Enabled	N
Application Object Library	APPLICATION	Application Object Library	FND_MIGRATED_TO_JRAD	FND_Migrated To jRAD	Y
Application Object Library	APPLICATION	Asia/Pacific Localizations	HELP_TREE_ROOT	Help System Root	JA.CONTENTS
Regional Localizations	APPLICATION	Asia/Pacific Localizations	JGZZ_PRODUCT_CODE	JG_Product	JA
Application Object Library	APPLICATION	Balanced Scorecard	FND_MIGRATED_TO_JRAD	FND_Migrated To jRAD	Y
CRM Foundation	APPLICATION	CRM Foundation	JTF_ACCOUNT_TYPE_BUSINESS_USER	JTF_ACCOUNT_TYPE_BUSINESS_USER	22646
CRM Foundation	APPLICATION	CRM Foundation	JTF_ACCOUNT_TYPE_END_USER	JTF_ACCOUNT_TYPE_END_USER	22646
CRM Foundation	APPLICATION	CRM Foundation	ACTIVATE_CONTRACTS_PREFERRED_ENGINEERS	Activate Contracts Preferred Resources	N
CRM Foundation	APPLICATION	CRM Foundation	ACTIVATE_INSTALLED_BASE_PREFERRED_ENGINEERS	Activate Installed Base Preferred Engineers	Y
CRM Foundation	APPLICATION	CRM Foundation	ACTIVATE_IB_PREFERRED_ENGINEERS	Activate Installed Base Preferred Resources	N
CRM Foundation	APPLICATION	CRM Foundation	ACTIVATE_AUTO_SELECT	Activate Auto Selection of Resources	Y
CRM Foundation	APPLICATION	CRM Foundation	JTF_FM_TEXT_FND_ID	JTF_FM_TEXT_FND_ID	121531
Depot Repair	APPLICATION	Depot Repair	CSD_ENABLE_ESTIMATES	CSD Enable Estimates	Y
Application Object Library	APPLICATION	European Localizations	HELP_TREE_ROOT	Help System Root	IE.CONTENTS
Application Object Library	APPLICATION	Global Accounting Engine	HELP_TREE_ROOT	Help System Root	AX.CONTENTS
Application Object Library	APPLICATION	Internet Supplier Portal	FND_MIGRATED_TO_JRAD	FND_Migrated To jRAD	Y
Application Object Library	APPLICATION	Latin America Localizations	HELP_TREE_ROOT	Help System Root	JL.CONTENTS
Latin America Localizations	APPLICATION	Latin America Localizations	JLZZ_INF_RATIO_PRECISION	JL_Inflation Ratio Precision	3
Latin America Localizations	APPLICATION	Latin America Localizations	JLZZ_DEBUG_MODE	JL_Debug Mode	N
Application Object Library	APPLICATION	Oracle Advanced Benefits	HELP_TREE_ROOT	Help System Root	per.br_totcomp

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Every Type of Data

- Seed Data
- Configuration Data
- Master Data
- Transaction Data

Automatic Conflict Resolution Between Source and Target

Three Types of Changes:

Name Changes

Source data is renamed so there is no conflict with target names

TAB_NAME	COL_NAME	USER_NON_SEQUENCE_NAME	OLD_VALUE	NEW_VALUE
FND_MENUS	MENU_NAME	APPLSYS Fnd Menu Name	PO_RECEIVING_GUI	PO_RECEIVING_GUI-CAN
FND_MENUS	MENU_NAME	APPLSYS Fnd Menu Name	PO_RECEIVER_GUI	PO_RECEIVER_GUI-CAN
FND_MENUS	MENU_NAME	APPLSYS Fnd Menu Name	PO_PURCHASE_ORDERS_GUI	PO_PURCHASE_ORDERS_GUI-CAN
FND_LOOKUP_TYPES_TL	MEANING	APPLSYS FND Lookup Type Meaning	MTL PHYSICAL WIP	MTL PHYSICAL WIP-CAN
FND_LOOKUP_TYPES_TL	MEANING	APPLSYS FND Lookup Type Meaning	MTL PHYSICAL TYPE	MTL PHYSICAL TYPE-CAN
FND_LOOKUP_TYPES_TL	MEANING	APPLSYS FND Lookup Type Meaning	MTL PHYSICAL TRANSIT	MTL PHYSICAL TRANSIT-CAN

ID Changes

ID of Source data (and all related data) is changed so there is no conflict with target IDs

TABLE	COLUMN	USER FRIENDLY NAME	INCREMENTAL FACTOR	PROCESSED
AP_BANK_ACCOUNTS_ALL	BANK_ACCOUNT_ID	AP Bank Account Identifier	535827	Y
AP_BANK_BRANCHES	BANK_BRANCH_ID	AP Bank Branch Identifier	76281	Y
AP_BATCHES_ALL	BATCH_ID	AP Batch Identifier	715530	Y
AP_CHECKS_ALL	CHECK_ID	AP Check Identifier	3819806	Y

Synchronization

Source Data is identical to target data but with different IDs. In that case, the ID of the source (and all related data) is synchronized with the target ID

MODULE	TABLE	COLUMN	USER FRIENDLY NAME
HR	PAY_EVENT_GROUPS	EVENT_GROUP_ID	HR Pay Event Group Identifier
HR	PAY_TRIGGER_EVENTS	EVENT_ID	HR Pay Trigger Events Identifier
HR	FF_CONTEXTS	CONTEXT_ID	HR Ff Context Identifier
HR	FF_ROUTES	ROUTE_ID	HR Ff Route Identifier
HR	FF_USER_ENTITIES	USER_ENTITY_ID	HR Ff User Entities Identifier
HR	FF_FORMULAS_F	FORMULA_ID	HR Ff Formulas F Identifier

Challenge: Different Charts of Accounts

- ❑ You have many different charts of accounts
 - Many systems do not accommodate multiple charts of accounts
 - You need many external products/modules/features (HFM, custom reports, GL Consolidation, secondary ledgers, etc.) to close each month
 - Each of those charts of accounts will need to be transformed before migrating into the new system
- ❑ Your chart of accounts does not match the acquired company's chart of accounts

The Solution: Change Charts of Accounts with FlexField Software

- ❑ There is no software product like eprentise's FlexField product for EBS for any other ERP system
- ❑ Add additional segments
- ❑ Eliminate redundant information across segments
- ❑ Eliminate unused values
- ❑ Restructure to align with the new ERP and new business requirements
- ❑ Allow for growth in existing segments
- ❑ Simplify for financial management, shortening the close cycle, reporting, compliance with statutory and regulatory requirements, and integration with 3rd party applications

Segment Mapping

Map Accounting Flexfield

Select Defined Accounting Flexfield: Progress FR Accounting Flexfield <-> Progress UK Accounting Flexfield

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"/>

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Map Segments and Values or Code Combinations

Change ERP Mapping

- All setups
- 1 → 1 Mapping
All subledgers
- All history
- 1 → 1 Mapping
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

Challenge: Carve-out is Sold to Different Company

- ❑ You have been divested from a parent company who used Oracle EBS, and you need a smaller, stand-alone footprint that you can manage with fewer resources
- ❑ Acquiring company doesn't want all divisions
- ❑ Acquiring entity is planning on doing a flip of selected lines of business
- ❑ Only a few divisions are going to be integrated into the new ERP

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 (Enable)
 Authority: ERPP-51-UNEN (Allow others to Modify/Delete/Execute)
 Rule Name: Filter by Code Combination Values-1 (Exclude)

Selection Criteria

Chart of Accounts: Global Accounting Flexfield

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

Buttons: 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 (Enable)
 Authority: ERPP-51-UNEN (Allow others to Modify/Delete/Execute)
 Rule Name: Filter By Legal Entity (Exclude)

Selection Criteria

Legal Entity: ABC Company Limited
 Balancing Segment Value: 01

Buttons: Save, Cancel

Rules Table:

Project	Authority	Rule	Owner	Date Created	Action
No rules are available.					

Filter by Operating Unit with File Load

Create Rule

Rule Type: Filter Rule
 Rule Template: Filter by entities within Operating Unit
 Authority Type: Instance (Enable)
 Authority: Test-Instance (Allow others to Modify/Delete/Execute)
 Rule Name: Data Divestiture-Rule

Selection Criteria

Operating Unit: OU_AMER_MEXICO, OU_AMER_StartBot, OU_APAC_AUSTRALIA, OU_APAC_INDIA (Selected)

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

Buttons: Retain, Delete (for each file type)

Buttons: Save, Cancel

Rules Table:

Project	Authority	Rule	Owner	Date Created	Action
---------	-----------	------	-------	--------------	--------

Specify Retain or Delete

Challenge: Different Calendars

- ❑ There may be a statutory or regulatory requirement to have a different year-end, change the number of periods, or to change the period dates to align with an acquiring company's systems.
- ❑ In the case of an acquisition, preparing consolidated financial reports and revaluing assets must be completed shortly after the acquisition date.
- ❑ It is useful to have year-over-year reports and projections with the same periods to obtain an accurate financial picture of an acquired company.
- ❑ Multiple calendars require additional custom extract, transform, and load scripts and make the migration to a new system more difficult.

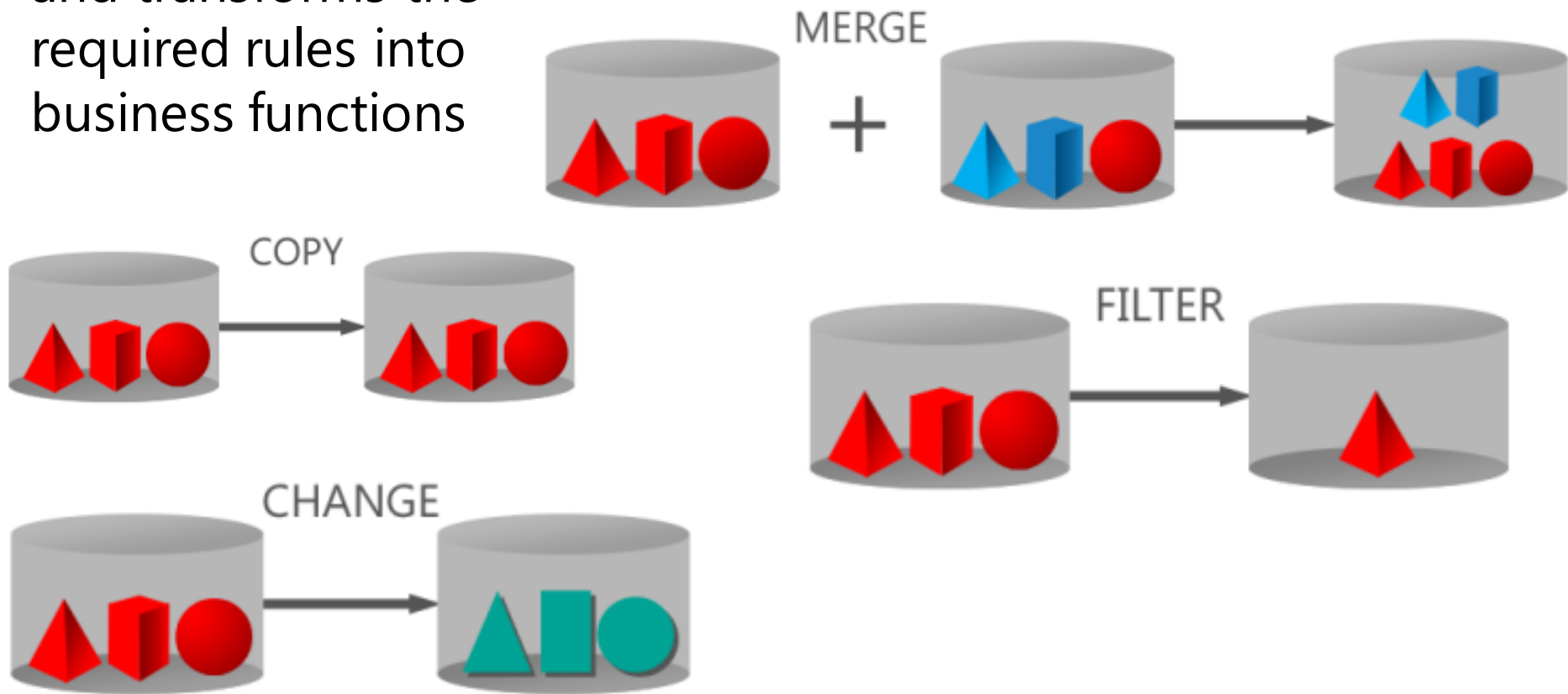
Challenge: Too Much “Unused” Data

Challenge: Streamline and Simplify

- ❑ Over time, as companies grow by acquisition and sell parts of their business, EBS accumulates data that the current business does not need
 - Historical data from an acquired system that does not belong to the current company
 - Data from divisions that have been divested
 - Modules that are no-longer in use or have been replaced by another system
 - Localizations that are not needed for the new company
- ❑ Ledgers, operating units, inventory orgs are redundant and make EBS more complex
 - Data that exists after a “start-over” when a new ledger or legal entity or operating unit was created and the old, historical data is beyond the required retention period
 - Migration is more complex when there are duplicate business processes
 - The “garbage-in”, “garbage-out” means that reporting and operations in the new system will inherit the same issues that you had within your EBS environment that made your close cycle longer, reconciliation more complex, and required extensive use of spreadsheets and third-party systems
 - Data in the new system will not be complete, consistent, and correct

Solution: eprentise Reorganization Software

Copy, Change, Filter,
and Merge
functionality identifies
and transforms the
required rules into
business functions



eprentise Reorganization: Move Legal Entities, Operating Units

Move LE to New Ledger

The screenshot shows the 'Create Rule' window in the eprentise Reorganization module. The 'Rule Template' is set to 'Move Legal Entity to new Set of Books'. The 'Source' is 'Legal Entity: ABC Company Limited' and the 'Target' is 'Set of Books: LHM Set of Books'. The 'Authority' is 'ERPP-51-EN'. A red box highlights the 'Selection Criteria' section.

Move LE to New BG

The screenshot shows the 'Create Rule' window for moving a legal entity to a new business group. The 'Rule Template' is 'Move Legal Entity to New Business Group'. The 'Rule Name' is 'Move LEs to New BGs'. The 'Mapping File' is 'C:\NATest-LE-BG-MappingFile.csv'. A red box highlights the 'Mapping File' field and the 'Load Mapping File' button.

Move OU to New LE

The screenshot shows the 'Create Rule' window for moving an operating unit to a new legal entity. The 'Rule Template' is 'Move Operating Unit to new Legal Entity'. The 'Source' is 'Operating Unit: Vision Services' and the 'Target' is 'Legal Entity: Vision Communications (USA)'. The 'Authority' is 'SAKEE20'. A red box highlights the 'Selection Criteria' section.

Group short name	User input	
Groups employee number generation method	Keep existing or Override	Automatic / Manual
Business groups applicant number generation method	Keep existing or Override	Automatic / Manual
Business group's contingent worker number generation method	Keep existing or Override	Automatic / Manual
Business groups grade flexfield structure	Keep existing or Override	
Group's people group flexfield structure	Keep existing or Override	
Group's job flexfield structure	Keep existing or Override	
Group's cost allocation flexfield structure	Keep existing or Override	
Group's position flexfield structure	Keep existing or Override	
Group's competence flexfield structure	Keep existing or Override	
Group's Legislation Code	Keep existing or Override	
Group's currency code	Keep existing or Override	

eprentise Reorganization: Merge Ledgers, Legal Entities, Operating Units

Merge Sets of Books

The screenshot shows the 'Create Rule' form in the eprentise Reorganization module. The 'Rule Template' is set to 'Merge Set of Books'. The 'Authority' is 'NA Test'. The 'Selection Criteria' section is partially visible, showing 'Source Set of Books' and 'Target Set of Books' dropdowns.

The screenshot shows the 'Create Rule' form in the eprentise Reorganization module. The 'Rule Template' is set to 'Merge Operating Units'. The 'Source' is 'Progress Canada' and the 'Target' is 'Progress UK'. The 'Rules' table below is empty.

Rule Name	Owner	Date Created	Action
No rules are available.			

Merge Legal Entities

The screenshot shows the 'Create Rule' form in the eprentise Reorganization module. The 'Rule Template' is set to 'Merge Legal Entities'. The 'Source' is 'Hospital East' and the 'Target' is 'Hospital West'. The 'Rules' table below is empty.

Rule Name	Owner	Date Created	Action
No rules are available.			

Filter to Move or Change Selected Data



Filter by Operating Unit

Project: Data Divestiture-Project Logged In As: DVT_USER

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

Buttons: Retain, Delete, Save, Cancel

Project	Authority	Rule	Owner	Date Created	Action
No rules are available.					

Filter by Code Combination Values

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
Company	=	01		And	Add Row
Department	=	0000		None	Delete

Buttons: Save, Cancel

Filter by Business Groups

Create Rules

Rule Type: Filter Rule
 Rule Template: Filter by Business Group
 Authority Type: Instance
 Authority: ERPP-51-UNEN
 Rule Name: Filter by Business Group - Vision Swec

Selection Criteria

Business Group: Vision Sweden

Buttons: Save, Cancel

Project	Authority	Rule Name	Owner	Date Created	Action
No rules are available.					

Filter by LE and BSV

Project: Divestiture Project for ERPP Logged In As: BUSINESSUSER

Create Rule

Rule Type: Filter Rule
 Rule Template: Filter by Business Group
 Authority Type: Instance
 Authority: ERPP-51-UNEN
 Rule Name: Filter by Legal Entity

Selection Criteria

Legal Entity: ABC Company Limited
 Balancing Segment Value: 01

Buttons: Save, Cancel

Project	Authority	Rule	Owner	Date Created	Action
No rules are available.					

Proven Out-of-the-Box Software Products

Consolidation

Project: BA Consolidation

Consolidation Ruleset Workflow

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

Start → Prepare Source Instance → Resolve Source Seed Data → Resolve Source Master data → Resolve Source Transaction data → Align Target Organisations

Divestiture

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

Buttons: Save, Cancel

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

Map Accounting Flexfield → Execute Change

Map COA → Map Segments → Map Values → Map Code Combinations

Select New Accounting Flexfield: Vision New Netherland COA

Length	Seg #	Name	Type	Length	Constant Value
2	1	COMPANY	Alpha	2	
4	2	ACCOUNT	Alpha	4	
3	3	DEPARTMENT	Alpha	3	
3	4	PRODUCT	Alpha	3	

Buttons: Save Mapping, Delete Mapping, Print

Reorganization

Project: BA Reorganization Inventory Orgs

Logged In As: BUSINESSUSER

Create Rule

Rule Type: Change Rule

Rule Template: Move Most Inventory Orgs

Authority Type: Instance

Authority: SARE20

Rule Name: Move Inv Orgs under new OU

Selection Criteria: Mapping File: C:\SARE20\Move Inv Orgs under Inv...

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

Reorganization

Project: BA Reorganization

Logged In As: BUSINESSUSER

Create Rule

Rule Type: Merge Rule

Rule Template: Merge Operating Units

Authority Type: Instance

Authority: All Text

Rule Name: Merge Operating Units Text

Selection Criteria: Merge Operating Units: Progress Canada, Progress US

Buttons: Save, Cancel

Reorganization

Project: BA Set of Books

Logged In As: SA_BD

Create Rule

Rule Type: Change Rule

Rule Template: Change Set of Books Contents

Authority Type: Instance

Authority: All Instance

Rule Name: Org 1A - 508 - Cur - CA2020

Selection Criteria: Set of Books Name: All Set of Books, Current Currency Code: CAD, New Currency Code: USD, Data Conversion Type to Use: Corporate, Loading Balance File: C:\QA\100-010-131\loading\balance...

Buttons: Save, Cancel

Reorganization

Project: AMM AED Pubs to Barrick Gold I2 Calendar

Logged In As: BARRICK_RO

Create Rule

Rule Type: Merge Rule

Rule Template: Merge Set of Books

Authority Type: Instance

Authority: GLDOSH-Instance

Rule Name: Merge 500 k2 into 5081

Selection Criteria: Source Set of Books: Barrick Gold Corp - Barbados, Target Set of Books: Barrick Gold of North America

Buttons: Save, Cancel

Reorganization

Project: AMM AED Pubs to Barrick Gold I2 Calendar

Logged In As: BARRICK_RO

Create Rule

Rule Type: Change Rule

Rule Template: AMM Adjust Brand Periods to Accounting Calendar

Authority Type: Instance

Authority: GLDOSH-Instance

Rule Name: Run-1-AMM AED Pubs to Barrick Gold I-2

Selection Criteria: New Calendar File: F:\PCH\Change-01-Aug-2020\Accounting...

Buttons: Load New Calendar, Cancel

eprentise Software Methodology – All Automated

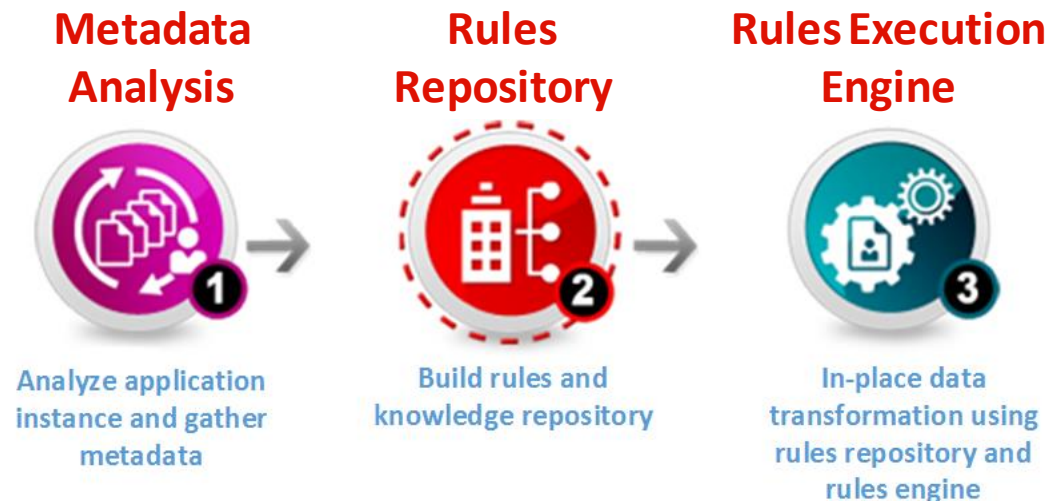
❑ Rules Repository and Metadata Analysis mine and validate rules

- Generic, based on relational database patterns (documented and undocumented)
 - Constraints (unique, primary and foreign-keys)
 - Column names
 - Functional purpose
 - Domains and usage
 - Sequence of transformation operations
- Automated discovery tools find approximately 90% of rules
- Analysis/discovery of other 10% of rules
- New rules discovered through projects are tested and added to the rules repository
- Rules are validated (impact, completeness, applicability for all customers)

❑ Compare sources and targets using Metadata Analysis

- Every table, every column
- Every database object
- Reports generated

- ❑ Rules Engine automatically generates mappings, code needed to complete the transformation
- ❑ Resolve conflicts
 - Duplicates
 - Conflicting IDs, names
 - Synchronize and rationalize sources and targets
- ❑ **Copy, Filter, Change, Move, and Merge** from sources to targets
- ❑ Validate results – complete, consistent, correct, maintaining all history



Why is the eprentise Transformation Solution Different Than Traditional Consulting Migration, Integration, or Conversion Projects?

- ❑ **Complex Business Challenges can not be met with Typical Conversion Approach:**
 - Data between disparate systems doesn't lend itself to simple mapping
 - Effect of change on underlying database structure complicates the process
 - Users and engineers are often unaware of these intricate, complex issues
 - Changes can impact thousands of tables and columns
- ❑ **What transformation offers over conversion:**
 - Maintaining database integrity
 - Ultimate delivery of consistent data
 - Complete, 100% accurate set of historical financial (and other) transactions
 - Ability to support various situations (mergers and acquisitions, divestitures etc.)
 - Increased data quality
 - Repeatable process reduces risk
- ❑ **Consistency and completeness:**
 - Code is dynamically generated to implement require changes which eliminates coding errors
 - Rules execution engine saves the time and cost of custom coding and error handling, and reduces the risk of compromising the data integrity
 - Definition, design and re-use of rules
 - Permits modeling scenarios as requirements change
- ❑ **Enables fastest and safest time-to-value:**
 - Reduces project timelines and costs, allowing IT executives to more efficiently manage the project
 - Improves accuracy and predictability

The Benefits

Planning for the Transition with eprentise

- ❑ Easier migration to the Cloud
- ❑ Clean data to go into a new ERP or to Fusion
- ❑ Simplified structures that reflect the current business environment
- ❑ Easier and faster migration path to new ERP
- ❑ Alignment of the business
- ❑ Easier for users to recognize their data in a new environment
- ❑ Clean audit trail before the move
- ❑ Less expensive than trying to transform the data once you are in the new environment
- ❑ Ability to purge data that is no longer needed for the new ERP

eprentise Offers a Competitive Solution

- ❑ No other software products in market for any transformation
- ❑ Many system integrators have scripts that they run
 - Equivalent to custom code for each customer
 - Has not gone through extensive testing, code review, or impact assessment
 - Requires very qualified technical consultants or there is a significant risk of data corruption or violating the relational integrity
 - Qualified consultants are not readily available and are only assigned to one project at a time.
- ❑ Most often for eprentise customers the competitive solution considered was a reimplementation (setting up a new environment, or a new organization unit from scratch). The alternatives:
 - Typically migrate only a year's data and beginning balances
 - Data is extracted, transformed and loaded into new environment
 - Requires maintaining a sunset environment for audits, compliance, and historical data
 - Often takes more than a year, and can cost millions of dollars
- ❑ Neither migration scripts or a reimplementation can accommodate changing requirements either during the duration of the project, or afterwards without a significant amount of recoding

Acquisition – Adding Value Quickly

- ❑ Align calendars and charts of accounts with acquiring company
- ❑ Investigate statutory and regulatory requirements in all countries in which the combined entity will operate
- ❑ Revalue assets and date placed in service
- ❑ Align versions of Oracle E-Business Suite
- ❑ Consolidate instances
- ❑ Reorganize within a single instance to align Sets of Books (or ledgers), Legal Entities, Operating Units, Inventory Organizations to standardize business processes and leverage synergies of both companies

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
 - Consolidation
 - Account Derivation Rules
 - Accounting Generator
 - Roll-up Groups
 - Security Rules
 - Summary Templates
 - Mass Allocations
 - Costing and Revenue Recognition Rules
 - Descriptive Flexfields
 - “Auto” - anything

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

Thank You!



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