



# Fusion Cloud / E-Business Suite Change Tracking and Comparisons

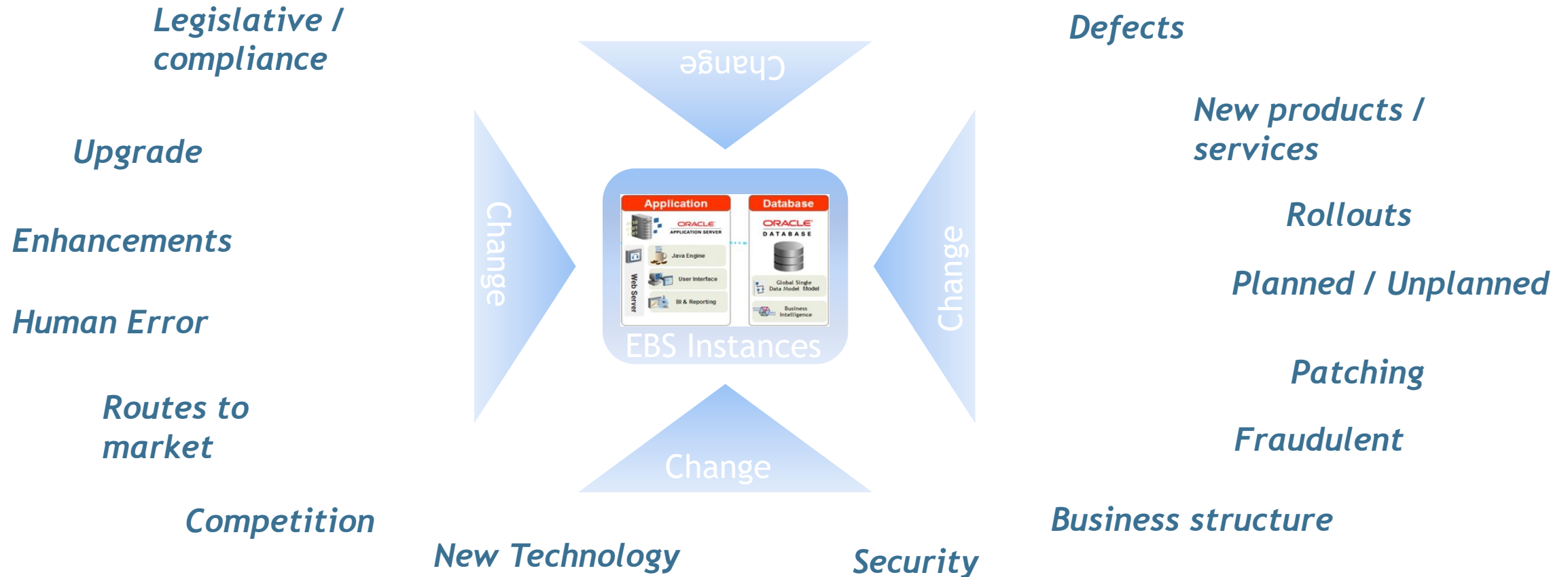
MAY 16 & 17, 2018

CLEVELAND PUBLIC AUDITORIUM, CLEVELAND,  
OHIO

[WWW.NEOOUG.ORG/GLOC](http://WWW.NEOOUG.ORG/GLOC)

- Introduction
- Sources of Change
- Challenges
- ConfigSnapshot Managing Change
  - Document
  - Analyse
  - Compare
  - Track
  - Plan & Migrate
  - Comply
- Demo
  - Change Tracking
- Q&A

Maintaining the integrity of your E-Business Suite and / or Cloud deployment as it evolves

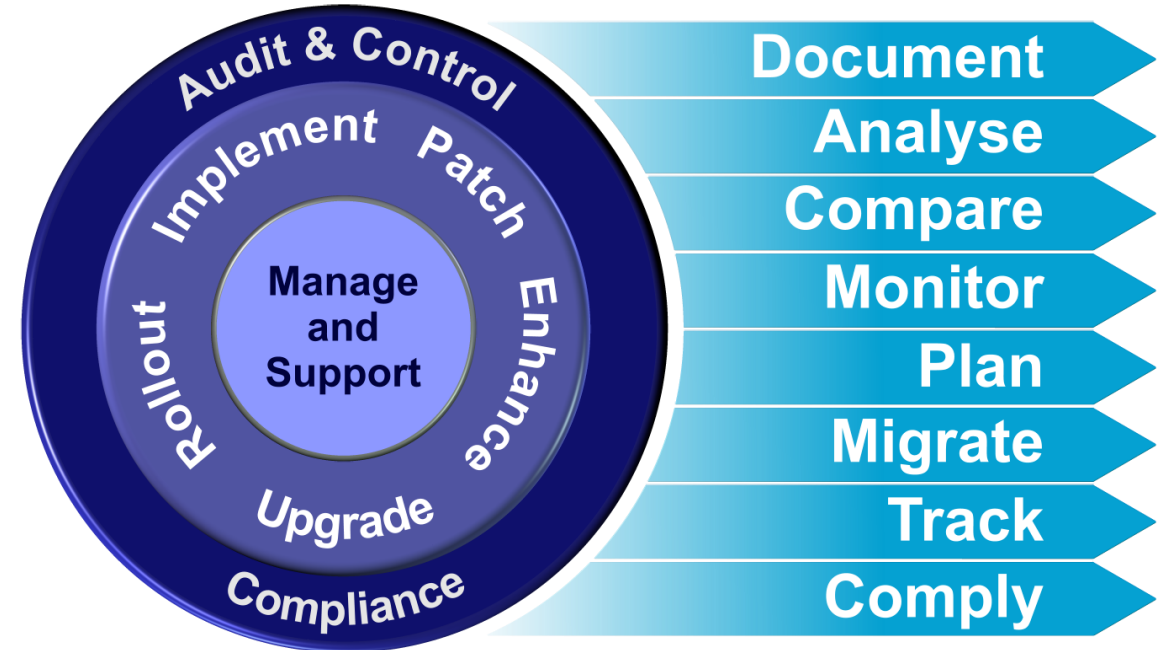


- Volumes of setups and key master data are too high to control manually
- Documentation is very time consuming to create / maintain
  - Documentation out of date / missing / incomplete / incorrect
- Change is constant and impacts are difficult to identify and track
  - Patching / upgrades / projects / new users etc
- Validate the consistency of settings across environments & entities
- Deploying new & updated setups across multiple environments & entities
- Identification and analysis of EBS customisations
- Understanding of user access and how it is impacted by change





- Software product to simplify EBS and Cloud application configuration management
- Used globally
- Large, prestigious user base
- Applicable to entire application lifecycle
- Supporting the needs of different roles:
  - Functional specialist
  - Technical specialist
  - DBA
  - Internal Audit
- Simple to install / use





# Customer Testimonials

“... When trying to understand just at a responsibility level what access users have got, what has taken months to work out manually has taken ConfigSnapshot just minutes.” ....

**Government Agency**

“... In a recent audit we were informed that a number of users had segregation of duties violations and these had not been reported by ConfigSnapshot. However, on investigation we found that ConfigSnapshot was entirely correct and these were not violations due to function exclusions. However, the onus is on us to prove the auditor is not correct and without ConfigSnapshot this would have been a significant challenge.” ....

**Global Media Organisation**

“... The auditors are more demanding every year and the detail they require is simply not available in the E-Business Suite as standard .... I’m pleased to say we have ConfigSnapshot to provide the information needed.” ....

**Global Manufacturing Organisation**

“When FedEx needed a tool to document and baseline its nine Oracle R12 E-business instances, we chose ConfigSnapshot from Rookery Software. It has surpassed our expectations, saving FedEx countless hours of documentation effort; we can document our entire Production instance in under an hour. Comparisons and baselines have quickly discovered setup issues that would likely have been missed otherwise. Rookery Software provides exceptional support and continually enhances their product to exceed customer expectations. We highly recommend it!”

**Global Transportation**

“We used ConfigSnapshot during our Release 12 upgrade. It was particularly useful for comparing the R12 and 11i environments helping us understand the impact of the upgrade. It also enabled us to control new configurations across multiple environments. We are now planning to make ConfigSnapshot a key part in helping us extend our use of current modules and in implementing new ones.”

**Local Council**

## *ROI in as little as 3 months*

- |                                |                                         |
|--------------------------------|-----------------------------------------|
| • Documentation                | 90%+ reduction in time                  |
| • Instance/ entity comparisons | 80%+ reduced rework                     |
| • Issue resolution             | 95%+ reduction in issue resolution time |
| • Change Tracking              | 60%+ time saved in managing change      |
| • Configuration Migration      | 50%+ reduced time, rework, risk         |
| • Compliance                   | \$M+ Saved through non-litigation       |
| • User Management              | 60%+ reduced risk and time spent        |
| • Upgrades & patching          | 75%+ reduced risk, testing, rework      |





## BR100s / Setup Documentation

- ✓ Clear
- ✓ Concise
- ✓ Accurate / current
- ✓ Repeatable
- ✓ Flexible

Client Data	TEXT
Seeded Data	TEXT
Amended Seeded Data	TEXT
Sysadmin Data	TEXT
Amended Sysadmin Data	TEXT
Anonymous Data	TEXT
Amended Anonymous Data	TEXT
User History Not Applicable	TEXT
User History Not Recorded	TEXT
Unknown User	TEXT
Inactive Record	
Difference Found	N/A
Whitespace Difference	N/A
Field Not Implemented	
Information Only	



### 1.17 Purchasing Lookups

Menu Path: Setup > Lookups > Purchasing

Field Name	Value
Type	VENDOR TYPE
Meaning/User Name	Valid supplier types
Application	Purchasing
Description	Valid Supplier types
Access Level	User
Security Group	Standard
View Application	Purchasing

Code	Meaning	Description	Tag	From	To	Enabled	Flexfield
AGENTE ARRECADADOR	Tax Collector Agent	Tax Collector Agent		01-JUN-2002		Yes	
COMPANY	Company	Company		28-NOV-2006		Yes	
CUSTOM IND	Custom Authorities-IND	Custom Authorities-IND		01-JAN-2004		Yes	
Contractor	Contractor	Contractor				Yes	
EMPLOYEE	Employee	Employee				Yes	
EXCISE IND	Excise Authorities-IND	Excise Authorities-IND		01-JAN-2004		Yes	
FEDERAL	Federal	Federal Supplier		01-JAN-1990		Yes	
FOOD DISTRIBUTOR	Food Supplies	Food Supplies Distributor		25-JAN-2001		Yes	
GPO	Group Purchasing Organization	Group Purchasing Organization		25-JAN-2001		Yes	
GR_ABR	GR_ABR	Vendors outside of Greece		01-JAN-2003		Yes	
GR_INT	GR_INT	Vendors in Greece		01-JAN-2003		Yes	
GR_PUB	GR_PUB	Vendors - Public Sector		01-JAN-2003		Yes	
Government	Government	Government				Yes	
INDIA CUSTOMS AUTHORITY	India Customs Authority	India Customs Authority		12-AUG-2005		Yes	
INSURANCE	Insurance Company	Insurance Company				Yes	
INSURER	Insurance Provider	Insurance Provider		08-NOV-2002		Yes	
IRC_JOB_AGENCY	Job Agency	Job Agency		09-NOV-2004		Yes	
Internal	Internal	Internal				Yes	
MAINTENANCE	Maintenance Supplier	Maintenance Supplier		12-SEP-2003		Yes	
MEDICAL DISTRIBUTOR	Medical Supplies Distributor	Medical Supplies Distributor		25-JAN-2001		Yes	
MEDICAL MANUFACTURER	Medical Manufacturer	Medical Manufacturer		25-JAN-2001		Yes	
Manufacturing	Manufacturing	Manufacturing				Yes	
NON-FED	Non-Federal	Non-Federal Supplier		01-JAN-1990		Yes	

- ✓ Understand how your system is set up
- ✓ Identify Customisations
- ✓ Upgrade / patch impact

Program	Program Application	Enabled	Executable Name	Executable Application	Method	Execution File Name
ABC CHECK PRINTING HK	Payables	Yes	APXPBFEG	Payables	Oracle Reports	APXPBFEG
ABC Ruesch Format Payments ( no print )	Payables	Yes	APXPBFOR	Payables	Oracle Reports	APXPBFOR
XXABC Account Analysis - Payables Detail(180 Char) Mod	ABC Custom Application	Yes	GLACTANP	General Ledger	Oracle Reports	GLACTANP
ABC GLCCON Request Submission	ABC Custom Application	Yes	GLCCON_TEST	ABC Custom Application	PL/SQL Stored Procedure	XXABC_TEST
ABC iSupplier Notification Report	ABC Custom Application	Yes	iSupplier Notification Report	ABC Custom Application	SQL*Plus	xxABC_isupplier_not
ABC - To update Orders with Backorder Packing Instructions	ABC Custom Application	Yes	ABC - Update Orders with backorder status	ABC Custom Application	SQL*Plus	ABCPICKUPD
ABC Discrete Job Pick List Report						
ABC Create Internal Order	AP,AP_ACCOUNTING_EVENTS_ALL		Columns Added			
ABC Load Lockbox Data						
ABC Lockbox Exception Report						
ABC OSMS Report						

## XXX Unbooked Sales Orders (XXX Custom Applications)

Program Type: Oracle Reports

Object	Impact	Number of References
AR_HZ_LOC_ASSIGNMENTS	Table Obsolete - Synonym Provided	7
AR_HZ_LOCATIONS	Columns Added	7
AR_HZ_PARTIES	Columns Added	8
AR_HZ_PARTY_SITES	Columns Added	7
AR_RA_SITE_USES_ALL	Synonym Removed - References Obsolete Table	3
AR_RA_CONTACTS	Synonym Removed - References Obsolete Table	3
APPS_RA_SITE_USES	View Obsolete	3
FND.FND_CONCURRENT_REQUESTS	Columns Added	5
FND.FND_DOCUMENTS_SHORT_TEXT	Columns Changed	3
FND.FND_PRODUCT_GROUPS	Columns Added	4
	per_unreceived,	8
	gsb.name comp,	12
	fnd_date.date_to_chardt(sysdate) today,	11
	(poll.quantity*pol.unit_price) amount_ordered,	4
	(poll.quantity_received*pol.unit_price) amount_received,	
	(poll.quantity_billed*pol.unit_price) amount_billed	

from

```

PO_VENDORS          vnd,
GL_SETS_OF_BOOKS    gsb,
po_line_types       polt,
hr_employees        hra,
hr_locations         hrl,
FINANCIALS_SYSTEM_PARAMETERS fsp,
PO_RELEASES         porel,
PO_LINE_LOCATIONS   poll,
PO_LINES            pol,
PO_HEADERS          poh

where
gsb.set_of_books_id = fsp.set_of_books_id
and porel.po_release_id(+) = poll.po_release_id
and poll.po_line_id = pol.po_line_id
and pol.po_header_id = poh.po_header_id
and polt.line_type_id = pol.line_type_id
and vnd.vendor_id = poh.vendor_id
and hrl.location_id = poll.ship_to_location_id

```

### AR.AR\_LOCATION\_RATES

Oracle' E-Business Tax module in R12 replaces the tax setup in 11i subledgers. Tax rates are primarily stored in ZX\_RATES\_B and ZX\_ACCOUNTS.

### AR.AR\_LOCATION\_VALUES

In R12 values from AR\_LOCATION\_VALUES are migrated to the table HZ\_GEOGRAPHIES. A view called AR\_LOCATION\_VALUES has been introduced in R12 that looks over the following tables:

```

HZ_GEOGRAPHIES
HZ_RELATIONSHIPS
FND_SEGMENT_ATTRIBUTE_VALUES
FND_ID_FLEX_SEGMENTS

```

Code may continue to work correctly due to the view being introduced but it is recommended that it is checked to ensure the context remains consistent.

Oracle Support Reference: 1283524.1

Step	Total Checked	High Impact	Medium Impact	Low Impact	No Impact	Not Affected	Not Analysed
Concurrent Programs	477	101	9	44	138	185	0
Concurrent Program Parameter Default SQL	103	7	5	1	14	76	0
Descriptive Flexfield Default SQL	1	0	0	0	0	1	0
Forms	47	12	0	2	23	9	1
Form Personalisation	8	0	0	0	0	8	0
Profile Option Definitions	33	0	0	0	2	31	0
Value Sets	233	23	0	13	63	134	0
Views	214	9	2	23	79	101	0
Database Packages	123	13	8	11	41	50	0
Database Functions	21	0	0	0	7	14	0
Database Procedures	101	4	10	20	47	20	0
Database Triggers	83	0	0	0	0	83	0
Workflow Functions	4	0	0	0	0	4	0
Profile Variables (Customer Care)	2	0	0	0	0	2	0
Collection Elements (Quality)	91	8	0	0	1	82	0
Objects - Object Instance Sets (System Administration)	2	0	0	0	0	2	0

## Consistency of setup across:

- ✓ Instances (DEV / TEST / PROD)
- ✓ Entities (OUs, BUs, SOBs etc.)
- ✓ Versions

Field Name	CLOUD TEST	EBS 12.1 APR18
Name	1/10 NET 30	1/10 NET 30
Description	Payment due in 30 days.	Payment due in 30 days
Cut-off Day	1% discount deducted if paid within 10 days, the remainder paid 30 days from invoice terms date.	1% discount deducted if paid within 10 days, the remainder paid 30 days from invoice terms date. (Invoice terms date = system date, goods received date, invoice date or invoice received date).
Rank	4	4
Date From	01-01-1990	01-JAN-1990
Date To		
Flexfield		

Field Name	CLOUD TEST	EBS 12.1 APR18
Sequence Num	1	1
INSTALLMENT		
% Due	100	
Amount Due		
Calendar		
Fixed Date		
Days	30	30
Day Of Month		
Months Ahead		

Menu Path: Application > Menu		
Field Name	12.2.6	11.5.10 (XML) (Date: 10-Oct-2012)
Menu	AP_PAYMENTS_ENTRY_GUI12	AP_PAYMENTS_ENTRY_GUI12

Field Name	12.2.6	11.5.10 (XML) (Date: 10-Oct-2012)
Sequence	5	5
Navigator Prompt		Payment Batch Sets
Sub Menu		
Function	Payment Batch Sets	Payment Batch Sets
Internal Function Name	AP_APXPBSET	AP_APXPBSET
Description	Maintain Payment Batch Sets	Maintain Payment Batch Sets
Grant	Yes	Yes

Field Name	12.2.6	11.5.10 (XML) (Date: 10-Oct-2012)
Sequence	7	
Navigator Prompt		
Sub Menu	Payables Payment Manager Home Menu	
Function		
Internal Function Name		
Description		
Grant	Yes	

Field Name	12.2.5	12.1.3
Patch Name / Bug Number	21483810	
Applied Via Patch	21483810	
Patch Type	ONE-OFF	

Field Name	12.2.5	12.1.3
Patch Name / Bug Number	23141472	
Applied Via Patch	23141472	
Patch Type	ONE-OFF	

Field Name	12.2.5	12.1.3
Patch Name / Bug Number	20784380	
Applied Via Patch	3288249452	
Patch Type	ONE-OFF	

Field Name	12.2.5	12.1.3
Patch Name / Bug Number	21846184	
Applied Via Patch	3288249452	
Patch Type	ONE-OFF	

Field Name	12.2.5	12.1.3
Patch Name / Bug Number	5240348	5240348
Applied Via Patch	5240348	9239090
Patch Type	ONE-OFF	MAINTENANCE-PACK

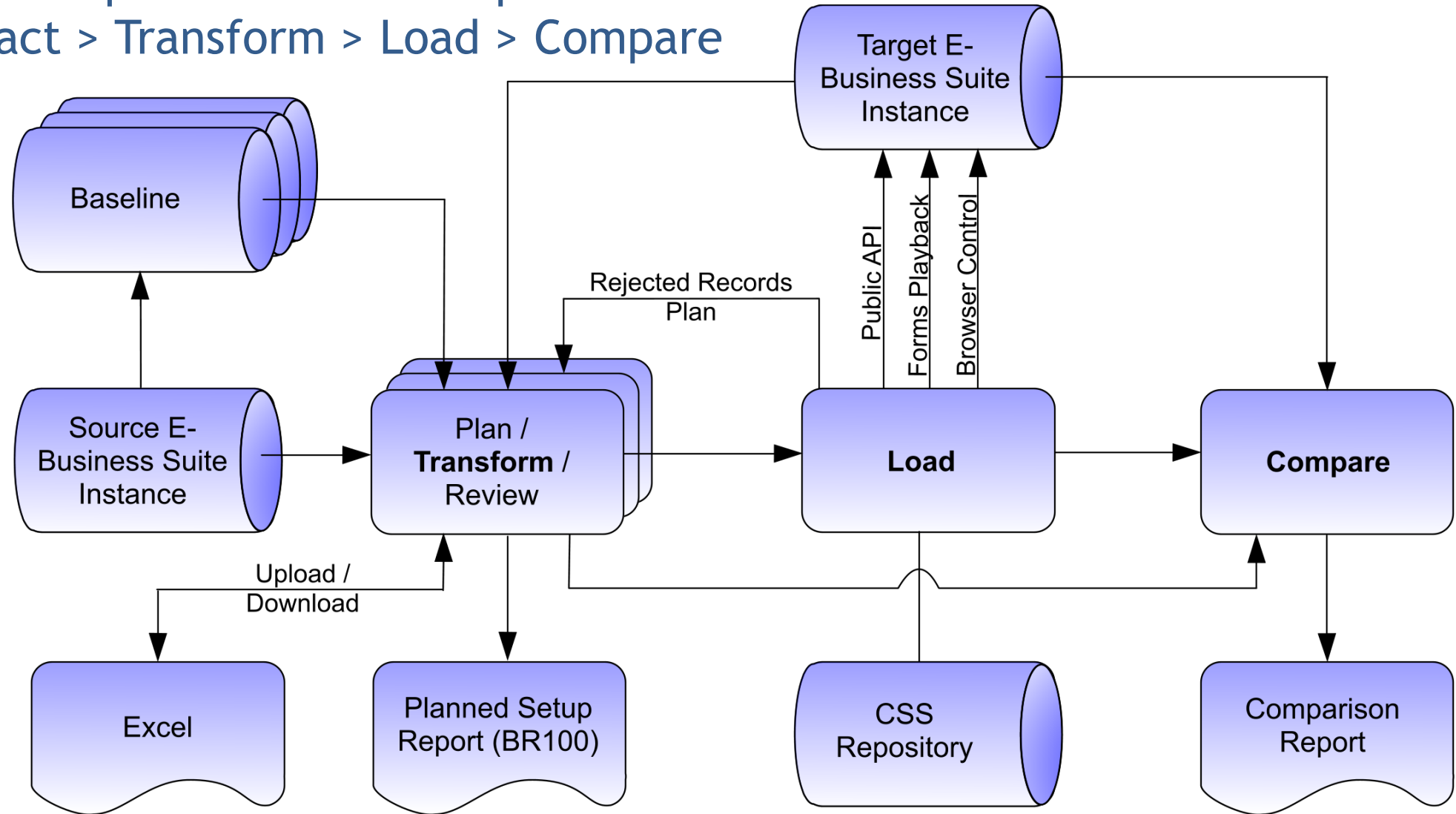
Field Name	12.2.5	12.1.3
Patch Name / Bug Number	6326862	6326862
Applied Via Patch	6326862	9239090
Patch Type	ONE-OFF	MAINTENANCE-PACK

## Financial Options

Menu Path: Setup > Options > Financials

Field Name	Vision Chile	Vision France	Vision Germany	Vision Netherlands	Vision Operations	Vision Spain
ACCOUNTING						
Future Periods	4	4	4	4	2	1
GL Accounts						
Liability	15-000-2210-0000-000	11.401100-.-.000.-	01-1600-000-000	04.2210.000.000	01-000-2210-0000-000	40.400000.000.000
Prepayment	15-000-1340-0000-000	11.409100-.-.000.-	01-1310-000-000	04.1340.000.000	01-000-1340-0000-000	40.407000.000.000
Future Dated Payment / Bills						
Payable	15-000-2580-0000-000	11.403000-.-.000.-	01-1600-000-000	04.2210.000.000	01-000-2580-0000-000	
Discount Taken	15-000-7825-0000-000	11.661600-.-.000.-	01-3730-000-000	04.7825.000.000	01-740-7825-0000-000	40.000000.000.000
PO Rate Variance Gain	15-000-7842-0000-000	11.766000-.-.000.-	01-2660-000-000	04.7842.000.000	01-740-7842-0000-000	40.768000.000.000
PO Rate Variance Loss	15-000-7844-0000-000	11.666000-.-.000.-	01-2150-000-000	04.7844.000.000	01-740-7844-0000-000	40.668000.000.000
Expenses Clearing						
Miscellaneous						
Retainage		11.401100-.-.000.-	01-1000-000-000		01-000-2210-0000-000	
SUPPLIER - ENTRY						
RFQ Only Site	No	No	No	No	No	No

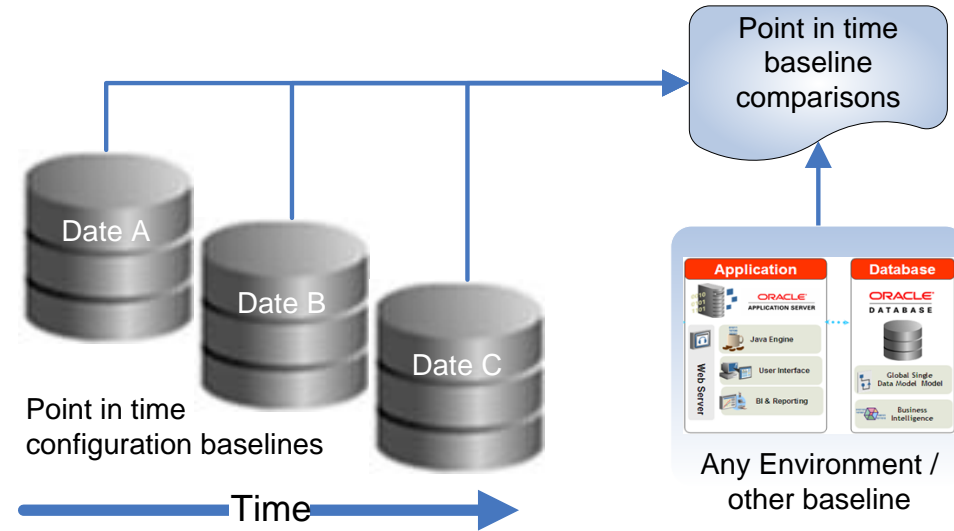
- ✓ Plan > Report > Load > Compare
- ✓ Extract > Transform > Load > Compare





## Baselines

- ✓ Understand the changes made between key stages of work or over specific periods of time



## Full Audit

- ✓ Full change tracking / reporting for selected areas

Field Name	12.1.3	12.1.3
Employee	Langham, Ms. Kelly	Langham, Ms. Kelly
Authorization Limit	10000	9999999999999999
<b>Audit Fields</b>		
Action	Before Update	After Update
Changed By	OPERATIONS	OPERATIONS
Change Date	22/03/2012 20:41	22/03/2012 20:41
IP Address	172.22.31.50	172.22.31.50
Terminal		

Field Name	12.1.3	12.1.3
Employee	Stock, Ms. Pat	Stock, Ms. Pat
Authorization Limit	20000	5555555555
<b>Audit Fields</b>		
Action	Before Update	After Update
Changed By	APPS	APPS
Change Date	22/03/2012 20:42	22/03/2012 20:42
IP Address	192.98.9.123	192.98.9.123
Terminal	LPT-2555	LPT-2555



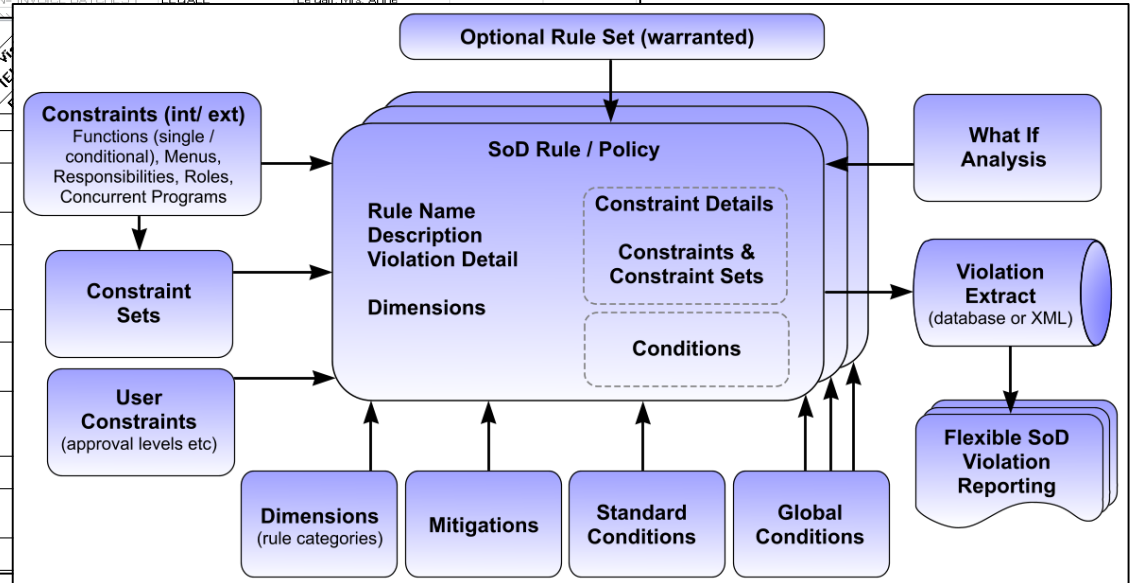
- ✓ Who has access to what and how?
- ✓ Segregation of Duties
- ✓ Managing new security requirements
- ✓ Understanding the impact of other changes on security

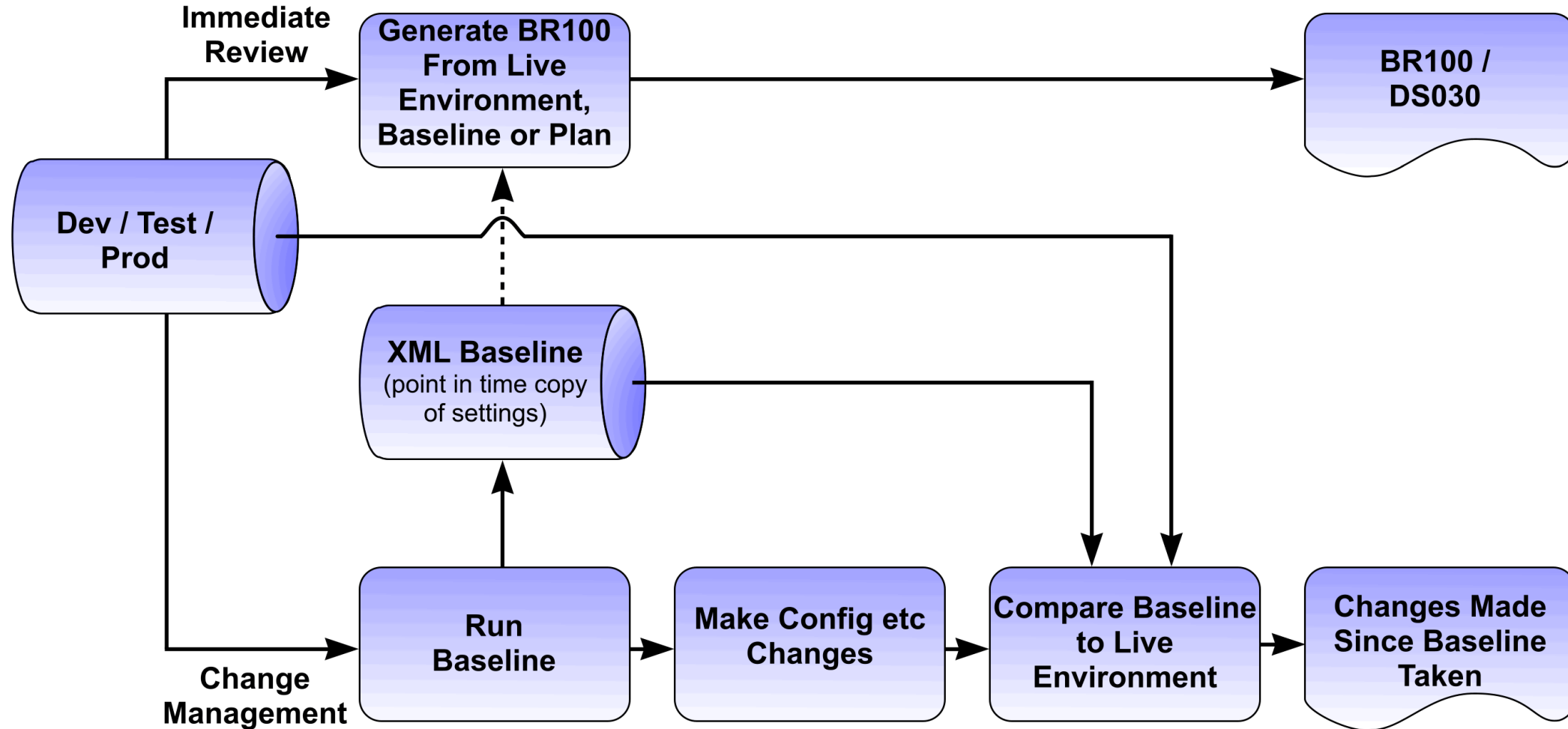
[illegible]

Generated By ConfigSnapshot.			Oracle Fulfillment Services(Core)	Oracle Fulfillment Services(Web)	Oracle General Ledger(Core)	Oracle General Ledger(Web)	Oracle Grants Accounting(Core)	Oracle Grants Proposal(Core)	Oracle Grants Proposal(Web)	Oracle Human Resources(Core)	Oracle Human Resources(Web)	Oracle Human Resources(X)	Oracle Install Base	Any
User	Employee		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DPHILLIP	Phillip, Mr. Don													
DREEVES	Reeves, Doctor Don							✓	✓					
DROSS	Ross, Mr. Dan													
DRUANE				✓										
DRYAN	Ryan, Mr. Andrew David (Drew)										✓			
DSOUTH	South, Mr. David													
DSPEED											✓			
DSUTHERLAND	Sutherland, Mr. Daniel													
DTHORNTON	Thornton, Mrs. Dale										✓			
DTRIPPE				✓										
DVLP1														
DZANE	Zane, Mrs. Deborah										✓			
DZEIGLER	Zeigler, Ms. Dianne													
EBBA														
EBENNIS	Bennis, Ms. Elaine									✓				
EBRANNON										✓				
EBUSINESS	Taylor, Phillip Charles			✓						✓				
EBUSINESS-MFG	Barton, Jeffrey M.			✓		✓				✓				
EBUSINESS:MANUFACTURING	Barton, Jeffrey M.			✓										
EDAVIS	Davis, Mr. Ed J													

Responsibilities:

- General Ledger Super User
- General Ledger Vision Netherlands
- General Ledger, US Federal
- MRC General Ledger Vision Netherlands (NLG)







## Further Information

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Slides and sample output can be made available on request

Feel free to contact us with any questions or for further details etc - contact details below

There is a trial version available so if you would like to test it out against your own instances etc let us know and we will forward details and support you through the trial as required

We operate a number of different licensing models, please contact us for details

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# Questions ?

