

**Oracle® Fusion Governance, Risk and Compliance
Intelligence**

User's Guide

Release 2.0

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Oracle Fusion Governance, Risk and Compliance Intelligence User's Guide, Release 2.0

Part No. E12411-02

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Contents

Send Us Your Comments

Preface

1 Dashboards

About Dashboards.....	1-1
Dashboard Options.....	1-1

2 Governance and Compliance Management Dashboards

GRC Overview Dashboard	2-1
GRC Overall.....	2-1
GRC Activities.....	2-5
Certifications Dashboard	2-8
Certifications Overview.....	2-9
Certifications Activities.....	2-11
Controls Dashboard	2-13
Controls Overview.....	2-13
Controls Activities.....	2-17
Issues Dashboard	2-21
Issues Overview.....	2-21
Issues Activities.....	2-24
Risks Dashboard	2-28
Risks Overview.....	2-28
Risks Activities.....	2-32
Testing Dashboard	2-36
Testing Overview.....	2-36

Testing Activities.....	2-40
Oracle BI Publisher (BIP) Reports.....	2-41
BIP Reports Characteristics.....	2-45
Limitations of BIP.....	2-46

3 Application Access Control Dashboards

Segregation of Duties (SOD) Policy Dashboards.....	3-1
Overview Dashboard.....	3-1
Details Dashboard.....	3-4
SOD Policy - Auditor Dashboards.....	3-8
Overview Dashboard.....	3-8
Details Dashboard.....	3-12
SOD Policy - Owner Dashboards.....	3-16
Overview Dashboard.....	3-16
Details Dashboard.....	3-20
SOD Policy Conflicts Dashboards.....	3-24
Overview Dashboard.....	3-24
Detail Dashboard.....	3-28

4 Repository Modeling for SOD Subject Areas

Introduction.....	4-1
Subject Area – SOD Detail.....	4-2
Common Dimensions.....	4-2
SOD User Conflict Specific Analytics.....	4-2
SOD Conflict Path Specific Analytics.....	4-2
SOD Conflict Analytics by Run.....	4-4
SOD Policy.....	4-4
Conditions.....	4-4
Subject Area – SOD Conflicts.....	4-4
SOD User Conflict Specific Analytics.....	4-5
SOD Conflict Path Specific Analytics.....	4-5
SOD Conflict Analytics By Run.....	4-6
Subject Area – SOD Policy.....	4-6
Subject Area – SOD Policy Conditions.....	4-7
Conditions.....	4-7
Path Conditions.....	4-9
Metrics.....	4-11
Global User Conflict.....	4-11
Conflict Metrics.....	4-13
Policy Previous Run Metrics.....	4-15

SOD Policy Metrics.....	4-16
SOD Conditions Metrics.....	4-17
Common SOD Dimensions.....	4-18
Using Common Dimensions.....	4-18
SOD Conditions.....	4-19
Using Start and End Dates for Conditions.....	4-20
Conditions Metrics.....	4-21
SOD Path Conditions.....	4-21

5 Modifying Reports and Dashboards

Modifying Report Titles.....	5-1
Tips on Modifying Report Titles.....	5-2
Creating Report Prompts.....	5-4
Tips on Creating Report Prompts.....	5-6
Modifying Charts.....	5-6
Tips on Modifying a Chart.....	5-7
Creating Formulas within Reports.....	5-9
Modifying Tables.....	5-9
Tips on Modifying Tables.....	5-10
Modifying Pivot Tables.....	5-11
Tips on Modifying Pivot Tables.....	5-12
Conditional Formatting.....	5-12
Tips on Conditional Formatting.....	5-13
Modifying Data Formats.....	5-14
Using Filters.....	5-15
Tips on Using Filters	5-16
Printer Friendly Reporting.....	5-18
Supported Languages.....	5-19
Modifying Dashboards.....	5-20

Index

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Part No. E12411-02

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Preface

Intended Audience

Welcome to Release 2.0 of the *Oracle Fusion Governance, Risk and Compliance Intelligence User's Guide*.

This guide is intended for information technology personnel and privileged users responsible for using and configuring the GRC Intelligence application. It assumes the reader is familiar with Oracle applications.

See Related Information Sources on page x for more Oracle Applications product information.

TTY Relay Access to Oracle Support Services

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Structure

- 1 **Dashboards**
- 2 **Governance and Compliance Management Dashboards**
- 3 **Application Access Control Dashboards**
- 4 **Repository Modeling for SOD Subject Areas**
- 5 **Modifying Reports and Dashboards**

Related Information Sources

Oracle Fusion Governance, Risk and Compliance Intelligence Implementation Guide

Do Not Use Database Tools to Modify Oracle Applications Data

Oracle **STRONGLY RECOMMENDS** that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle Applications data unless otherwise instructed.

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle Applications data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle Applications tables are interrelated, any change you make using an Oracle Applications form can update many tables at once. But when you modify Oracle Applications data using anything other than Oracle Applications, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout Oracle Applications.

When you use Oracle Applications to modify your data, Oracle Applications

automatically checks that your changes are valid. Oracle Applications also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

Dashboards

About Dashboards

GRC Intelligence provides dashboards that present a summarized view of key information such as significant account evaluations and certification results, by significant account, organization, and process. The dashboards highlight potential trouble areas such as ineffective controls, processes that are certified with issues, and unmitigated risks.

Dashboards and the reports contained on them are fully customizable. To customize a dashboard, select Edit Dashboard from the Page Options menu. Once on the Edit Dashboard page, refer to the online help for detailed information on editing the dashboard

Dashboard Options

On every report on all dashboards, you have the following options:

- **Modify:** Select to customize the current report. After you select the Modify link, refer to the online help for details on modifying the report.
- **Refresh:** Select to update the report with the most current data.
- **Download:** Select to download the current report to Excel, Powerpoint, Excel 2000, Data, or to a Web Page (MHTML)
- **Add to Briefing Book:** If your organization licensed Oracle BI Briefing Books, select this link to store a static snapshot of dashboard pages or individual requests in one or more briefing books. You can then download and share briefing books for viewing offline.

You can choose to view many GRM reports by the following dimensions:

- **Account Level:** The level of the account hierarchy used to model the account

structure of an organization.

- **Cycle level:** The level of the cycle hierarchy used to model the business cycle structure of an organization, such as payroll.
- **Organization level:** The level of the organizational hierarchy structure.
- **Fourth Map level:** The level of an optional organizational hierarchy structure. The fourth hierarchical data map is not configured by default; it is user-defined.

In many reports you can select a process, issue or risk to view details in GRC Manager. GRC Manager works with different roles and responsibilities in compliance with the Sarbanes-Oxley Act to enable users to perform the following types of tasks in managing business process information:

- Create organization maps and business processes
- Define assertions, risks, controls and tests for controls for business processes
- Route business processes for data collection, approval, management assessment, and testing
- Revise, validate, and approve business processes
- Test controls for business processes and document the test results
- Create, remediate and close issues associated with business processes
- Generate and review reports
- Monitor compliance status via the Executive Dashboard

Many dashboards also have page-level prompts that you can use to view all reports on the dashboard by Period, Control Type, Issue Type, Risk Type, or Process Type.

Governance and Compliance Management Dashboards

This chapter covers the following topics:

- GRC Overview Dashboard
- Certifications Dashboard
- Controls Dashboard
- Issues Dashboard
- Risks Dashboard
- Testing Dashboard
- Oracle BI Publisher (BIP) Reports

GRC Overview Dashboard

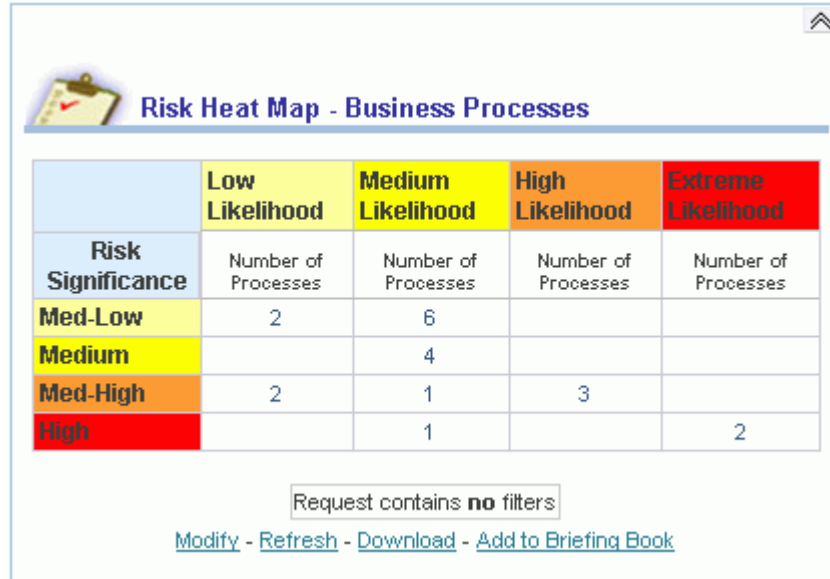
The GRC Overview Dashboard consists of two tabs:

- Overall
- Activities

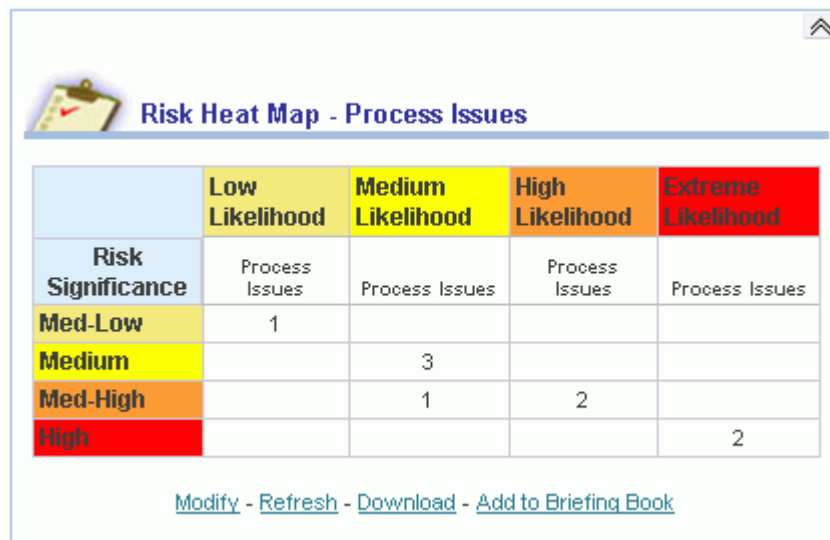
GRC Overall

The GRC Overall tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also specify a period, which will limit the data shown in all of the reports on the dashboard to that specific period.

- **Risk Heat Map - Business Processes:** Highlights risk significance and likelihood by Business Process. Select the Number of Processes to view details about the processes.



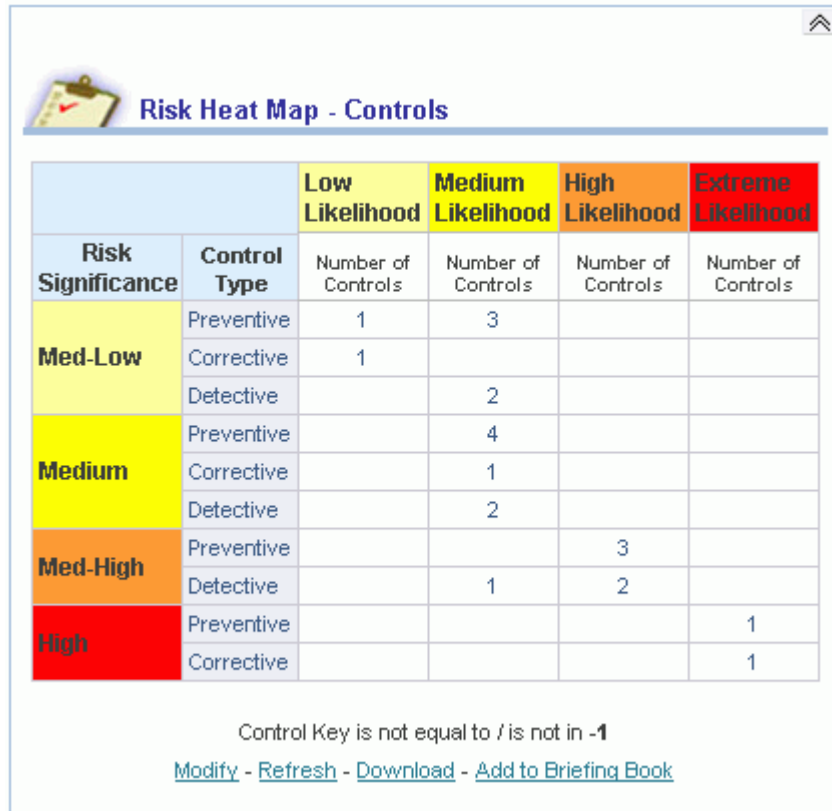
- **Risk Heat Map - Process Issues:** Highlights risk significance and likelihood by Process Issue.



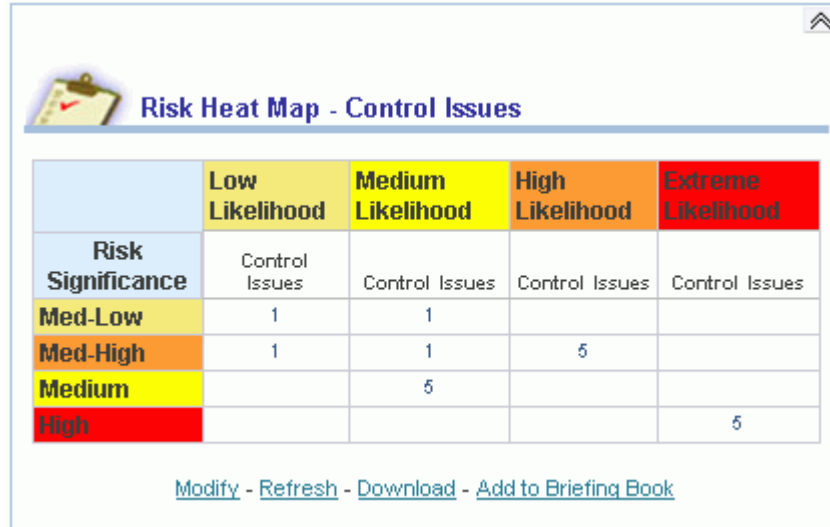
- **Risk Heat Map - Controls:** Highlights risk significance and likelihood by Control. Drill down in the Control type column to see details broken down by type (Preventive, Corrective or Detective.) Drill down in a Number of Controls column to see additional details.

Note: The note you see on the report in this example is due to a filter that was applied when the report was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 2 of this guide for

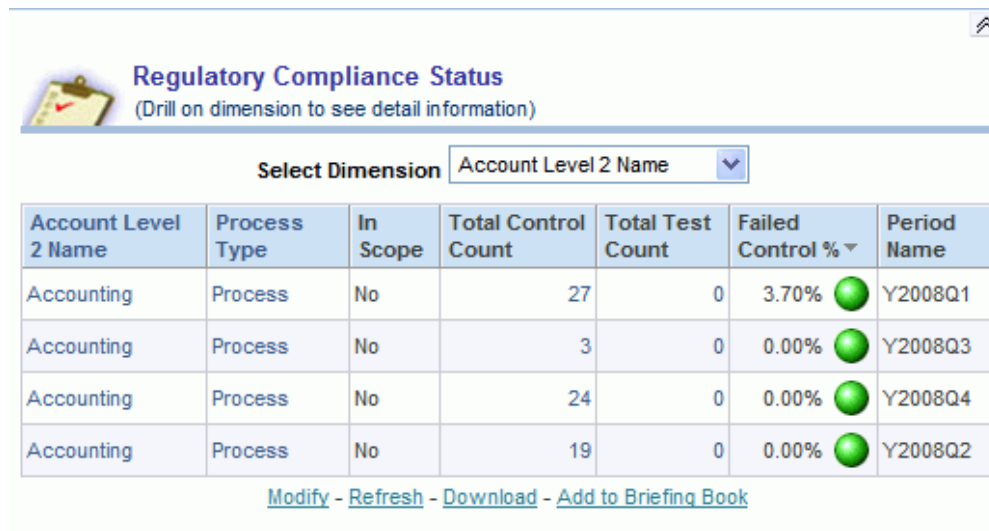
additional information on filters.



- Risk Heat Map - Control Issues:** Highlights risk significance and likelihood by Control Issue. Drill down in a Control Issues column to see details of the control issues including whether or not the control is in scope, the risk significance and the risk likelihood.



- Regulatory Compliance Status:** Displays the overall compliance status. Drill down to see details of the controls including how many failed controls there are by period. You can view this report by Account level, Cycle level, Organization level, or Fourth Map level.



- Certification Status:** Shows the number of certified processes by account and by process. You can view this report by Account level, Cycle level, Organization level, or Fourth Map level. You can also select a process key or dimension value to view additional details.

Certification Status
(Drill on Process Id to see more detail information)

Select Dimension: Account Level 2 Name

Account Level 2 Name	Process Type	Process Title	Process Owner	Process Key	Certified Count ^
Accounting	Process	Process_HQsales	icadmin	6	0
Accounting	Process	Process_Issues	icadmin	7	0
Accounting	Process	Process1_0320	icadmin	1	1
Accounting	Process	Process4_0320	icadmin	13	2

Certified Count is not null

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- **Non-Compliant Processes:** Displays noncompliant processes. You can view this report by Account level, Cycle level, Organization level, or Fourth Map level. Select a dimension value to view additional details.

Non-Compliant Processes

Select Dimension: Account Level 2 Name

Account Level 2 Name	Process Type	Process Title	Process Owner	Process State	Process Key	Assessment Total Count	Certified Count ^
Accounting	Process	Process_HQsales	icadmin	Released	6	1	0
Accounting	Process	Process_Issues	icadmin	Released	7	1	0
Accounting	Process	Process1_0320	icadmin	Released	1	1	1
Accounting	Process	Process4_0320	icadmin	Released	13	1	2

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GRC Activities

The GRC Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period, Control Type, Issue Type, Process Type, Risk Type, and Control Test Type using the dashboard prompts.

- **Controls Summary:** Shows by control type, the count of control tests with the percentage of passed and failed control tests. You can select a dimension by which

to view this report. Select a control in the Control Title column to view the details of the control in GRC Manager.

Note: The note you see on the report is due to a filter that was applied when the report shown in this example was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 4 of this guide for additional information on filters.

Controls Summary

Select Dimension: Account Level 2 Name

Account Level 2 Name	Control Test Type	Control Type	In Scope	Control Title	Control Document ID	Count of Control Tests	Passed Control %	Failed Control %
Accounting	Audit	Preventive	No	Nuovo controllo control 1	28	27	100.00%	
Accounting	Process	Preventive	No	Acceptance pass Control 2	469	4	25.00%	
Accounting	Audit	Preventive	No	SM Danish control hkb - Nyt kontrolelement	237	10	50.00%	
Accounting	Process	Preventive	No	Nuovo controllo control 1	164	2		50.00%


Control Failures > 50% Control Failures > 25% Control Failures < 25%

Total Control Count is not null
and Passed Control % is not null
or Failed Control % is not null

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- **Risks by Process - Issues Aging:** Displays issues relating to high risk processes and if they are overdue, it shows by how many days. Select a risk in the Risk Title column to view the details of the risk in GRC Manager.

Note: The note you see on the report is due to a filter that was applied when the report shown in this example was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 4 of this guide for additional information on filters.

 **Risks by Process - Issues Aging**

Select Dimension Account Level 2 Name


Account Level 2 Name	Process Type	Issue Type	RiskType	Risk Title	Due Date	Days Overdue	Issue Severity
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk1	4/2/2008	23	Deficiency
Accounting	Process	Assessment	Financial Fraud	Risk3	4/2/2008	23	Material Weakness
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Significant Deficiency
Accounting	Process	Assessment	Financial Fraud	Risk3	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Material Weakness
Accounting	Process	Evaluation	Financial Fraud	Risk1	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk3	4/2/2008	23	Significant Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk3	4/2/2008	23	Material Weakness

Records 21 - 30

Issue Status is equal to **Open**
and Risk Key is not equal to / is not in -1

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- **Control Test Summary:** Displays by process and control type, the total count of control tests and the percentage of tests that are Open and Closed. Select a process in the Process Title column to view the details of the process in GRC Manager.

 **Control Test Summary**

Select Dimension Account Level 2 Name


Account Level 2 Name	Process Type	Process Document ID	Process Title	In Scope	Control Test Type	Total Test Count	Open Test %	Closed Test % ^
Accounting	Process	25	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	463	Acceptance pass	No	Process	0		
Accounting	Process	98	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	100	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	102	Nuovo processo aziendale approval workflow 1	No	Audit	0		

Records 1 - 5

Total Test Count is not null

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- **Issues Scorecard Summary:** Displays the count of Risk, Control, and Process for each Issue. Drill down to see details of the issue including the type, title and current state.

 **Issues Scorecard Summary**
(Drill on values to see more detail information)

Select Dimension Account Level 2 Name

Account Level 2 Name	Issue Type	Issue State	Risk Issue Count	Control Issue Count	Process Issue Count
Accounting	Assessment	Open	0	1	0
Accounting	Control Evaluation	Open	0	1	0
Accounting	Evaluation	Open	1	4	2
Accounting	Process	Closed	0	1	1
Accounting	Process	Open	2	0	1

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Certifications Dashboard

The Certification Dashboard consists of two tabs:

- Overview
- Activities

Certifications Overview

The Certifications Overview tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name and Process Type.

- **Certifications By Process - Current and Prior Year:** Shows Certifications by Process for the current and prior year. You can view this report as either a table or a chart. If you view it as a table, you can select a process in the Process Title column to view its details in GRC Manager. You can also select a year to view a breakdown by quarter.

Note: The note you see on the report is due to a filter that was applied when the report shown in this example was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 4 of this guide for additional information on filters.

Certifications By Process - Current and Prior Year

Select Dimension: Account Level 2 Name

Select View: Table

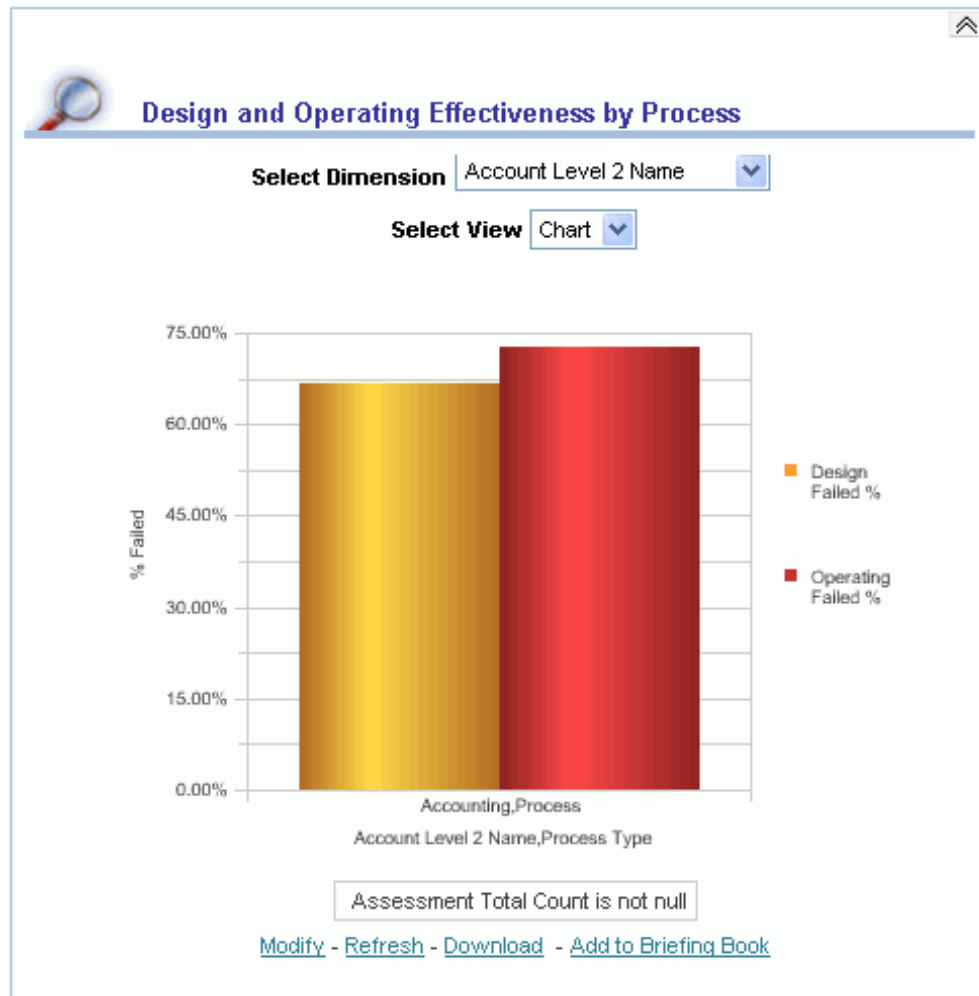
Year	Account Level 2 Name	Process Document ID	Process Title	Certified Count	Year Ago Certified Count (Completion Date)
2008	Accounting	11	Process1_0320	1	
2008	Accounting	46	Process_HQsales	0	
2008	Accounting	64	Process_Issues	0	
2008	Accounting	158	Process4_0320	1	

Certified Count is not null
and Process Key is not equal to / is not in 0
and Process Type is equal to **Process**

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- **Design and Operating Effectiveness by Process:** Displays design and operating effectiveness by process. If you choose to display this report as a chart, you can click

on a column to see a further breakdown of the failure by process. If you display it as a table, you can select a process in the Process Title column to view its details in GRC Manager.



- Assessments - Completion Due Date:** Displays the days by which an assessment is overdue for completion. A negative value that displays in red signifies that the assessment is due after the number of days specified. A positive value in black signifies that the due date has passed by the specified number of days. You can drill to GRC Manager by selecting a process or assessment title.

In tables, underlined links lead to external data, and plain links stay within GRCl. For example, in this table, the underlined links invoke GRC Manager to show details of the process and assessments.

Note: Please be aware that sometimes the Process Doc ID is not underlined and it is a hyperlink to GRcM, which enables you to

view the process document.

Account Level 2 Name	Process Document ID	Process Title	Process Owner	Assessment Title	Due Date	Days Over Due
Accounting	11	Process1_0320	icadmin	Assessment - Process1_0320	3/24/2008	0
Accounting	46	Process_HQsales	icadmin	Assessment - Process_HQsales	4/14/2008	-2
Accounting	64	Process_Issues	icadmin	Assessment - Process_Issues	4/2/2008	0
Accounting	158	Process4_0320	icadmin	Assessment - Process4_0320	4/8/2008	4
Accounting	158	Process4_0320	icadmin	Assessment - Process4_0320	4/8/2008	0

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Certifications Activities

The Certifications Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Control Type, and Process Type using the dashboard prompts.

- **Assessment Status By Process Owner:** Displays the assessment status by process owner. Select a process in the Process Title column to view its details in GRC Manager.
- **Negative Reviewer Certification Responses By Process Id:** Displays instances where an Executive Reviewer did not answer "Yes" to certify a process. Select the process owner's name to view details of their certification response.

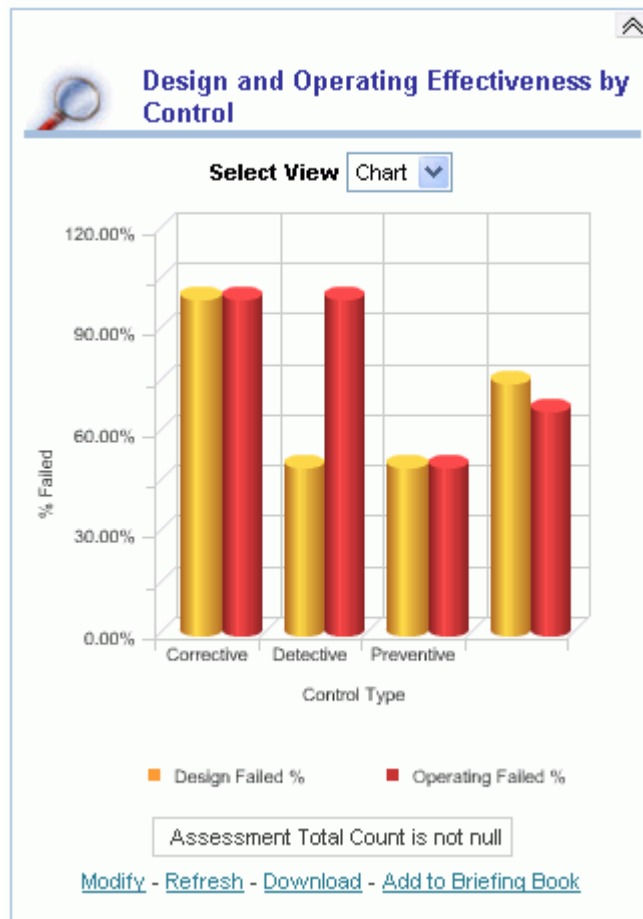
Negative Reviewer Certification Responses By Process Id
 (Drill on Process Owner Name to view their Certification Responses)

Process Owner	Process Type	Process Title	MA Reviewer	Reviewer Certification Question	Reviewer Certification Answer
icadmin	Process	Process Issues		I certify that the information in this assessment is accurate and complete to the best of my knowledge.	No

Reviewer Certification Answer is equal to **No**

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- **Design and Operating Effectiveness by Control:** Displays design and operating effectiveness by control. You can view this report as a table or as a chart.



Controls Dashboard

The Controls Dashboard consists of two tabs:


- Overview
- Activities

Controls Overview

The Controls Overview tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Control Type, and Process Type using the dashboard prompts.

- **Controls Summary:** Displays the count of control tests by control and account type, with the percentage of passed and failed control tests. Select a control title to display details of the control in GRC Manager.

Note: The note you see on the report is due to a filter that was applied when the report shown in this example was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 4 of this guide for additional information on filters.

 **Controls Summary**

Select Dimension ▼

Account Level 2 Name	Control Test Type	Control Type	In Scope	Control Title	Control Document ID	Count of Control Tests	Passed Control %	Failed Control % ▼
Accounting	Audit	Preventive	No	Nuovo controllo control 1	28	27	100.00%	
Accounting	Process	Preventive	No	Acceptance pass Control 2	469	4	25.00%	
Accounting	Audit	Preventive	No	SM Danish control hkb - Nyt kontrolelement	237	10	50.00%	
Accounting	Process	Preventive	No	Nuovo controllo control 1	164	2		50.00%

Control Failures > 50%

Control Failures > 25%

Control Failures < 25%


Total Control Count is not null

and

Passed Control % is not null
 or Failed Control % is not null

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- Processes With Control Issues:** Displays processes with control issues. Select a process title to display details of the process in GRC Manager, or select a Process Document ID to view additional details.

 **Processes With Control Issues**
 (Drill on Control Issue Count to view details)

Process Type	Process Title	Process Document ID	Control Type	Control Issue Count ▾
Process	Process Issues	64	Preventive	2
Process	Process Issues	64	Detective	2
Process	Process HQsales	46	Preventive	1
Process	Process Issues	64	Corrective	1
Process	Process4_0320	167	Detective	1

Control Issue Count is not equal to / is not in **0**

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- **Accounts Lacking Mitigating Controls:** Displays accounts that do not have subordinate or monitoring controls.

Accounts Lacking Mitigating Controls
 (Drill on values to view Likelihood of Risk associated with this Account)

Select Dimension: Organization Level 2 Name

Organization Level 2 Name	Process Type	Process Title	Process Document ID	Key Control Count	Key Control Count %	Subordinate Control Count	Subordinate Control Count %	Monitoring Control Count	Monitoring Control Count %
Organization	Process	New Business Process	5	1	1.15%	0	0.00%	0	0.00%
Organization	Process	Nuovo processo aziendale approval workflow 1	25	1	1.15%	0	0.00%	0	0.00%
Organization	Process	Nuovo processo aziendale approval workflow 1	96	1	1.15%	0	0.00%	0	0.00%
Organization	Process	Nuovo processo aziendale approval workflow 1	98	1	1.15%	0	0.00%	0	0.00%
Organization	Process	Nuovo processo aziendale approval workflow 1	100	1	1.15%	0	0.00%	0	0.00%

Records 1 - 5

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- In the Subordinate control column, yellow highlighting indicates that there are no mitigating controls and you should perform follow up to ensure that is appropriate.
- In the Key control column, Red highlighting indicates that there are no key controls, which is a problem that must be addressed.
- **Manual versus Automated Control and Risk Rating Comparison:** Summarizes the number of control issues by control type and method. Green highlighting with a flag indicates that there are no control issues.

Manual versus Automated Control and Risk Rating Comparison

Select Dimension: Organization Level 2 Name

Organization Level 2 Name	Control Type	In Scope	Control Method	Risk Rating	Control Issue Count
Organization	Preventive	No	Manual	7	9
Templates	Preventive	No	Manual		1
テスト	Preventive	No	Manual	16	

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- **Control Test Summary:** Displays by process and control type the total count of control tests and the percentage of tests that are Open and Closed. In the Closed Test column:
 - Red highlighting indicates 0-50% of the tests are closed
 - Yellow highlighting indicates that between 51-84% of the tests are closed
 - Green indicates that 100% of the tests are complete

Control Test Summary

Select Dimension: Account Level 2 Name

Account Level 2 Name	Process Type	Process Document ID	Process Title	In Scope	Control Test Type	Total Test Count	Open Test %	Closed Test % ^
Accounting	Process	25	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	463	Acceptance pass	No	Process	0		
Accounting	Process	98	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	100	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	102	Nuovo processo aziendale approval workflow 1	No	Audit	0		

Records 1 - 5

Total Test Count is not null

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Controls Activities

The Control Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Control Type, and Process Type using the dashboard prompts.

- **Controls Count - Summary:** Displays the number of Key Controls for each process.

You can select a different dimension or metric by which to view the report. Select a dimension value, Process Type or Process Document ID to view details in GRC Intelligence; select a Process Title to view details in GRC Manager.

Controls Count - Summary


Select Dimension: Account Level 2 Name Select Metric: Key Control Count

Account Level 2 Name	Process Type	Process Title	Process Document ID	Key Control Count
Accounting	Process	Process1_0320	11	1
Accounting	Process	Process1_0320	102	1
Accounting	Process	Process2_0320	25	1
Accounting	Process	Process1_0321	32	1
Accounting	Process	Process_HQsales	46	2

Records 1 - 5

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- **Number of Controls Failures By Risk Type:** Displays the number of control failures by risk type for an organization. Select a Risk Type to view Control Failures by Process.

 **Number of Controls Failures By Risk Type**
 (In the table view, drill on Risk Type to view Control Failures by Process)

Select Dimension Account Level 2 Name

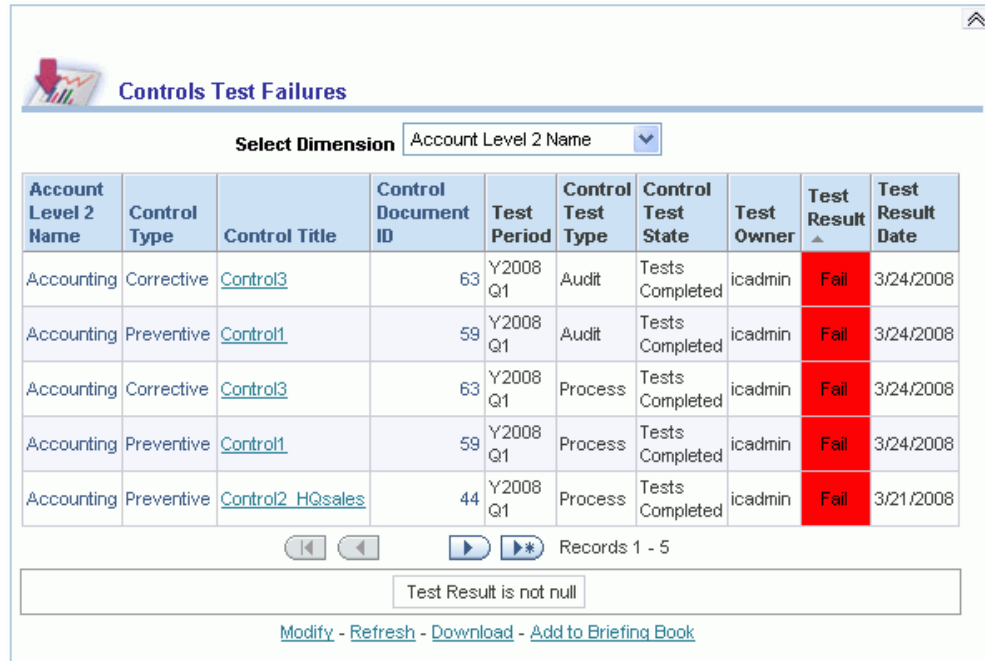
Select View Table

Account Level 2 Name	Process Type	Control Type	RiskType	Count of Control Tests	Failed Control Count	Failed Control %	Period Name
Accounting	Process	Corrective	Financial Fraud	3	2	66.67%	Y2008Q1
Accounting	Process	Detective	Financial Fraud	3	2	66.67%	Y2008Q1
Accounting	Process	Preventive	Financial Fraud	6	3	50.00%	Y2008Q1
Accounting	Process	Preventive	Regulatory Compliance	1	1	100.00%	Y2008Q1

Failed Control % is not null

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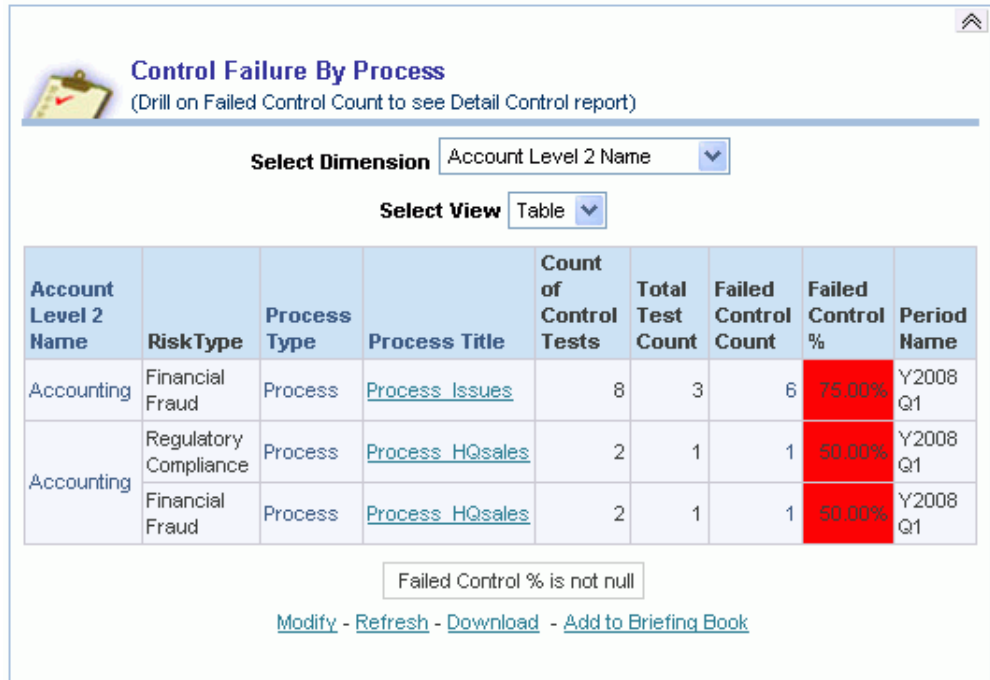
- **Controls Test Failures:** Displays by test period and test owner, the status and results of completed tests. Select a Control Title to view its details in GRC Manager.



The screenshot shows a web interface titled "Controls Test Failures". At the top, there is a "Select Dimension" dropdown menu set to "Account Level 2 Name". Below this is a table with 10 columns: Account Level 2 Name, Control Type, Control Title, Control Document ID, Test Period, Control Test Type, Control Test State, Test Owner, Test Result, and Test Result Date. The table contains 5 rows of data, all with a "Fail" result. Below the table are navigation buttons (back, forward, search) and a "Records 1 - 5" indicator. A message box says "Test Result is not null". At the bottom, there are links for "Modify", "Refresh", "Download", and "Add to Briefing Book".

Account Level 2 Name	Control Type	Control Title	Control Document ID	Test Period	Control Test Type	Control Test State	Test Owner	Test Result	Test Result Date
Accounting	Corrective	Control3	63	Y2008 Q1	Audit	Tests Completed	icadmin	Fail	3/24/2008
Accounting	Preventive	Control1	59	Y2008 Q1	Audit	Tests Completed	icadmin	Fail	3/24/2008
Accounting	Corrective	Control3	63	Y2008 Q1	Process	Tests Completed	icadmin	Fail	3/24/2008
Accounting	Preventive	Control1	59	Y2008 Q1	Process	Tests Completed	icadmin	Fail	3/24/2008
Accounting	Preventive	Control2_HQsales	44	Y2008 Q1	Process	Tests Completed	icadmin	Fail	3/21/2008

- Control Failure By Process:** Displays control failures by process for an organization. Select a process title to view its details in GRC Manager, or select a Failed Control Count to see the Detail Control report.



Control Failure By Process
(Drill on Failed Control Count to see Detail Control report)

Select Dimension: Account Level 2 Name

Select View: Table

Account Level 2 Name	RiskType	Process Type	Process Title	Count of Control Tests	Total Test Count	Failed Control Count	Failed Control %	Period Name
Accounting	Financial Fraud	Process	Process Issues	8	3	6	75.00%	Y2008 Q1
Accounting	Regulatory Compliance	Process	Process HQsales	2	1	1	50.00%	Y2008 Q1
	Financial Fraud	Process	Process HQsales	2	1	1	50.00%	Y2008 Q1

Failed Control % is not null

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Issues Dashboard


The Issues Dashboard consists of two tabs:

- Overview
- Activities

Issues Overview

The Issues Overview tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Issue Type, and Process Type using the dashboard prompts.

- **Issues - Deficiencies Summary:** Displays a summary of Issues-deficiencies. Select a value to see detail information, or select an Issue Title to see the issue in GRC Manager.

 **Issues - Deficiencies Summary**
 (Drill on value to see detail information)


Select Dimension Account Level 2 Name

Account Level 2 Name	Issue Type	Issue Title	Material Weakness Count	Significant Deficiency Count	Deficiency Count	Documentation Count
Accounting	Assessment	Issue - Assessment - Process Issues	0	0	1	0
Accounting	Assessment	Issue - Assessment - Process Issues	1	0	0	0
Accounting	Assessment	Issue - Assessment - Process Issues	0	1	0	0
Accounting	Assessment	Issue - Assessment - Process4_0320	0	1	0	0
Accounting	Assessment	Issue - Assessment - Process4_0320	0	1	0	0

Records 1 - 5

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- **Audit and Process Test Issues:** Displays the number of issues that exist for Audit and Process Tests. Select a value to see detail information, or select a Process Title to see the Process and its related issues in GRC Manager.


 **Audit and Process Test Issues**
(Drill on values to see detail information)

Select Dimension

Account Level 2 Name	Issue Type	Process Type	In Scope	Process Title	Process Test Issue Count	Audit Test Issue Count
Accounting	Control Evaluation	Process	No	Nuovo processo aziendale approval workflow 1	0	0
Accounting	Control Evaluation	Process	No	Nuovo processo aziendale approval workflow 1	0	0
Accounting	Control Evaluation	Process	No	Nuovo processo aziendale approval workflow 1	0	0
Accounting	Evaluation	Process	No	Nuovo processo aziendale approval workflow 1	0	0
Accounting	Evaluation	Process	No	Nuovo processo aziendale approval workflow 1	0	0

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- **Issues Scorecard Summary:** Displays a count of Risk, Control, and Process Issues. Select a value to see detail information.

 **Issues Scorecard Summary**
(Drill on values to see more detail information)

Select Dimension

Account Level 2 Name	Issue Type	Issue State	Risk Issue Count	Control Issue Count	Process Issue Count
Accounting	Assessment	Open	0	1	0
Accounting	Control Evaluation	Open	0	1	0
Accounting	Evaluation	Open	1	4	2
Accounting	Process	Closed	0	1	1
Accounting	Process	Open	2	0	1

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- Processes With Risk and Control Issues:** Displays Processes with risk and control issues. Select a value to see detail information, or select a Process Title to see the Process and its related issues in GRC Manager.

Processes With Risk and Control Issues

Select Dimension: Account Level 2 Name

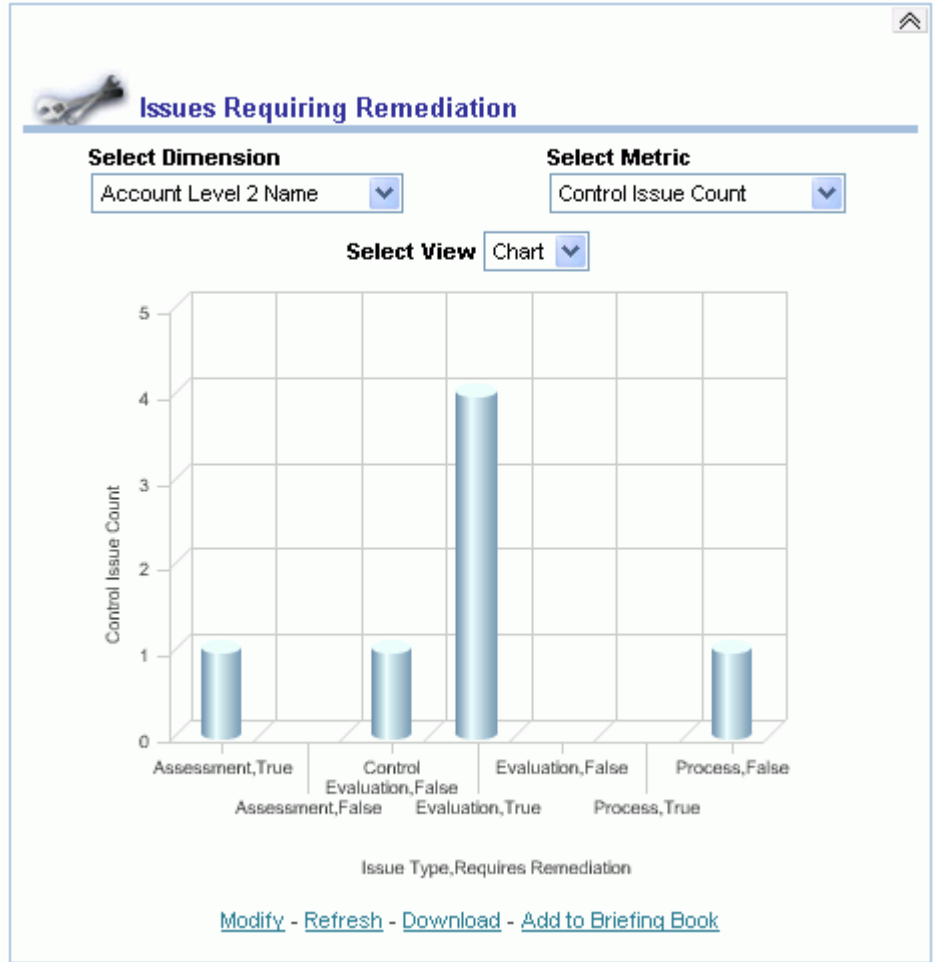
Account Level 2 Name	Process Type	Process Title	Risk Issue Count	Control Issue Count	Process Issue Count
Accounting	Process	Process for Risk Issues	2	0	0
Accounting	Process	Process4 0320	1	1	0
Accounting	Process	Process Issues	0	5	2
Accounting	Process	Process HQsales	0	1	1
Accounting	Process	Process2 0320	0	0	0
Accounting	Process	Process3 0320	0	0	0
Accounting	Process	Process1 0320	0	0	0
Accounting	Process	Process1 0321	0	0	1

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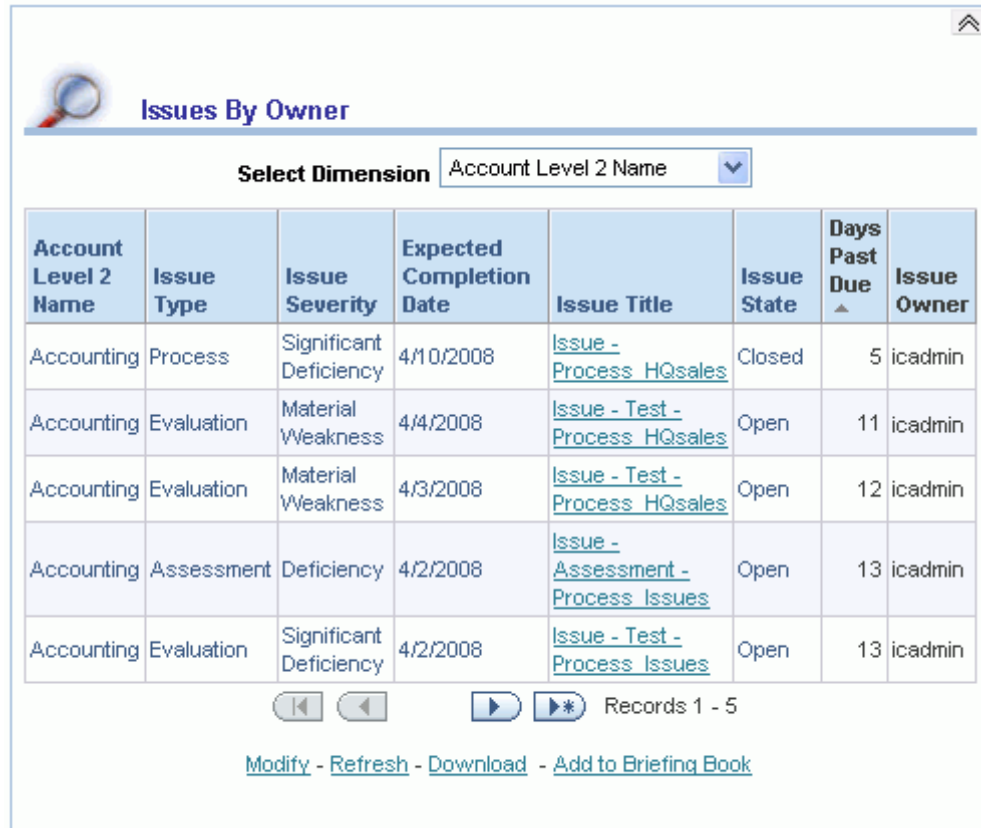
Issues Activities

The Issues Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Issue Type and Process Type using the dashboard prompts.

- Issues Requiring Remediation:** Displays issues that require remediation. You can limit this report by dimension or metric, and you can view this report as chart or table. If you choose to view it as a table, you can select an Issue title to view the details of that issue in GRC Manager.



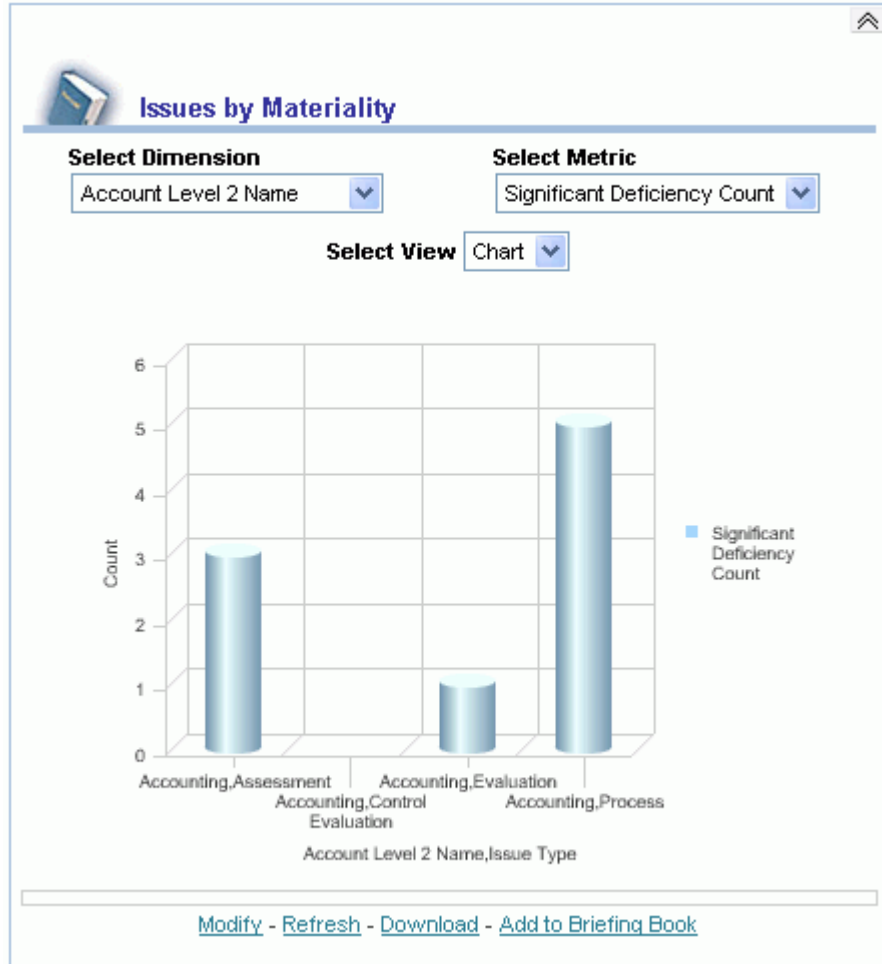
- **Issues By Owner:** Displays issues by their owner. Select a value to see detail information, or select an Issue title to view the details of that issue in GRC Manager



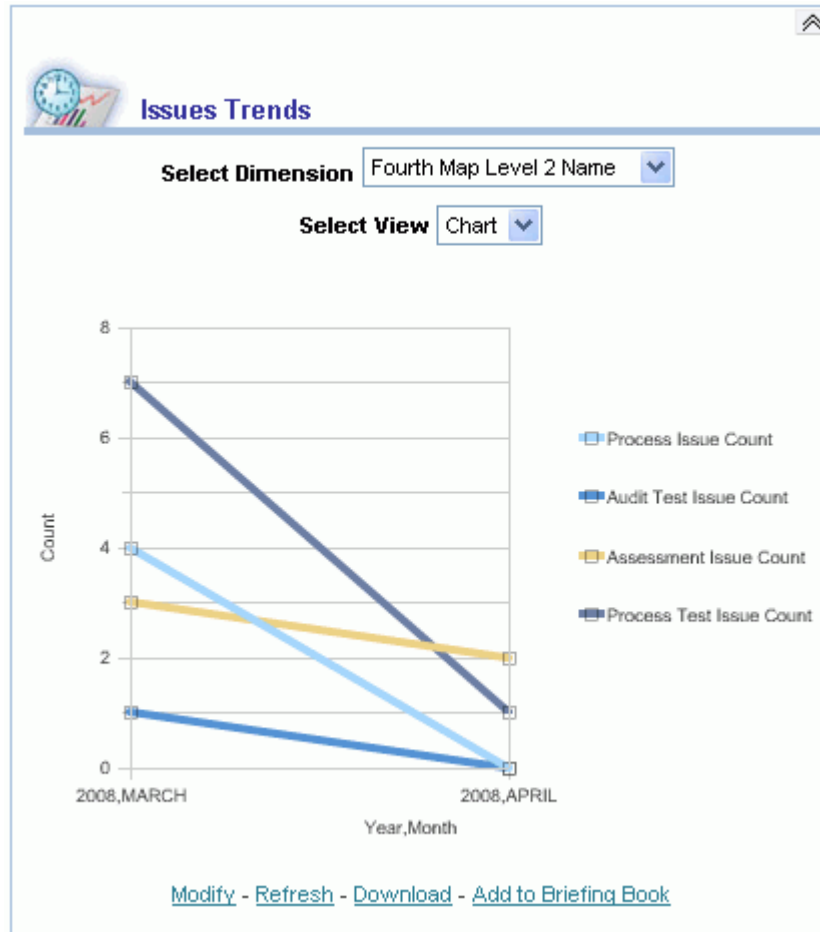
The screenshot shows a web application interface for an "Issues By Owner" report. At the top left is a magnifying glass icon. The title "Issues By Owner" is centered. Below the title is a "Select Dimension" dropdown menu currently set to "Account Level 2 Name". The main content is a table with 8 columns: Account Level 2 Name, Issue Type, Issue Severity, Expected Completion Date, Issue Title, Issue State, Days Past Due, and Issue Owner. The table contains 5 rows of data. Below the table are navigation buttons (back, forward, search) and a "Records 1 - 5" indicator. At the bottom are links for "Modify", "Refresh", "Download", and "Add to Briefing Book".

Account Level 2 Name	Issue Type	Issue Severity	Expected Completion Date	Issue Title	Issue State	Days Past Due	Issue Owner
Accounting	Process	Significant Deficiency	4/10/2008	Issue - Process HQsales	Closed	5	icadmin
Accounting	Evaluation	Material Weakness	4/4/2008	Issue - Test - Process HQsales	Open	11	icadmin
Accounting	Evaluation	Material Weakness	4/3/2008	Issue - Test - Process HQsales	Open	12	icadmin
Accounting	Assessment	Deficiency	4/2/2008	Issue - Assessment - Process Issues	Open	13	icadmin
Accounting	Evaluation	Significant Deficiency	4/2/2008	Issue - Test - Process Issues	Open	13	icadmin

- Issues by Materiality:** Displays issues by materiality. You can limit this report by dimension or metric, and you can view this report as chart or table. If you choose to view it as a table, you can select an Issue title to view the details of that issue in GRC Manager.



- **Issues Trends:** Displays the trend of Audit, Process, Assessment, and Process Issues over time.



Risks Dashboard

The Risk Dashboard consists of two tabs:

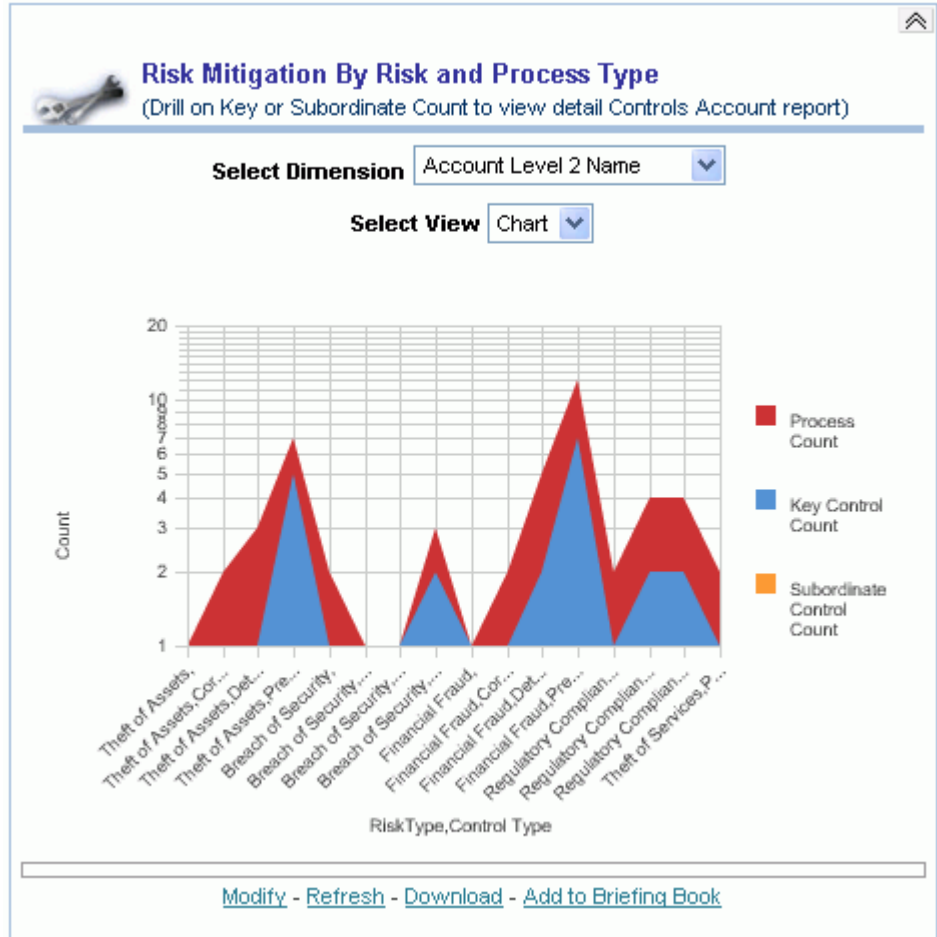
- Overview
- Activities

Risks Overview

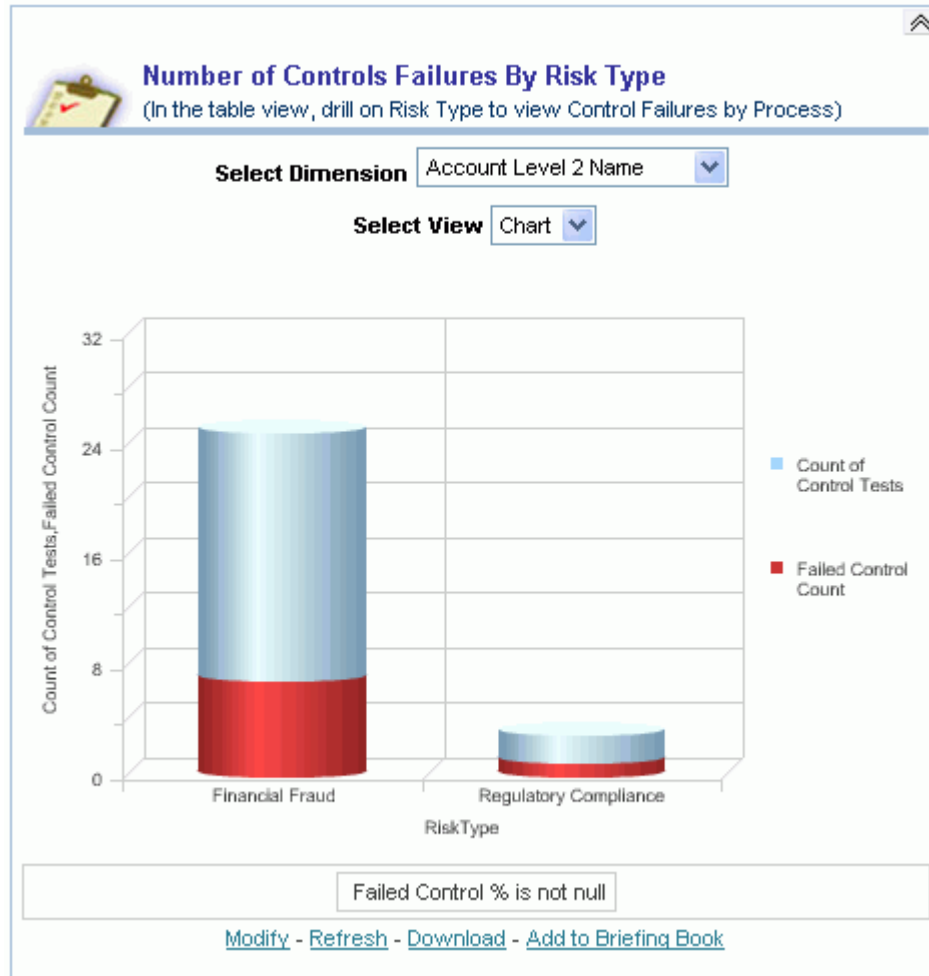
The Risk Overview tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Risk Type, Control Type, and Process Type using the dashboard prompts.

- **Risk Mitigation By Risk and Process Type:** Displays risk mitigation by process and risk type. In Chart view, select a Key Control Count or a Risk Type to view

details. In Table view, select a key or subordinate count to view the Controls Account report.



- Number of Controls Failures By Risk Type:** Displays the number of controls that have failed, by risk type, for an organization. In the table view, select a Risk Type to view Control Failures by Process.



- Manual versus Automated Control and Risk Rating Comparison:** Displays manual versus automated controls and risk comparisons. Select a Control Method to view details.

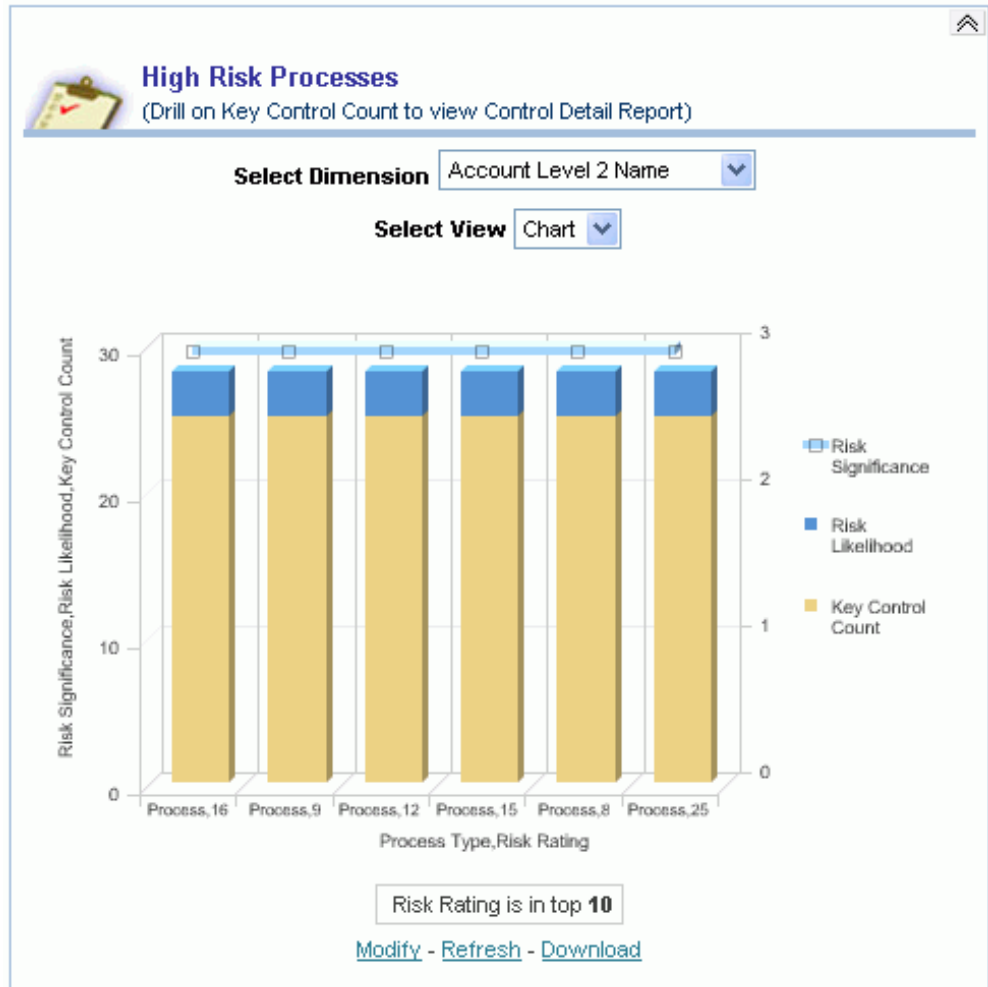
Manual versus Automated Control and Risk Rating Comparison

Select Dimension: Organization Level 2 Name


Organization Level 2 Name	Control Type	In Scope	Control Method	Risk Rating	Control Issue Count
Organization	Preventive	No	Manual	7	9
Templates	Preventive	No	Manual		1
テスト	Preventive	No	Manual	16	

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- High Risk Processes:** Displays high risk processes. Select a Key Control Count to view the Control Detail Report.




- **Risks by Process - Issues Aging:** Displays issues that relate to high risk processes, as well as open issues that are aging and in overdue status. Select a risk title to view details of the risk in GRC Manager.

 **Risks by Process - Issues Aging**

Select Dimension ▼

Account Level 2 Name	Process Type	Issue Type	RiskType	Risk Title	Due Date	Days Overdue	Issue Severity
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk1	4/2/2008	23	Deficiency
Accounting	Process	Assessment	Financial Fraud	Risk3	4/2/2008	23	Material Weakness
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Significant Deficiency
Accounting	Process	Assessment	Financial Fraud	Risk3	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk2	4/2/2008	23	Material Weakness
Accounting	Process	Evaluation	Financial Fraud	Risk1	4/2/2008	23	Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk3	4/2/2008	23	Significant Deficiency
Accounting	Process	Evaluation	Financial Fraud	Risk3	4/2/2008	23	Material Weakness


 Records 21 - 30

Issue Status is equal to **Open**
and Risk Key is not equal to / is not in -1

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Risks Activities

The Risk Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Risk Type, Control Type, and Process Type using the dashboard prompts.

- **High Risk Processes With Issues:** Displays high risk processes with issues. Select a count to view details for the selected issues.


 **High Risk Processes With Issues**

Select Dimension: Account Level 2 Key

Select View: Table

Account Level 2 Key	Issue Type	Issue Title	Process Type	Process Owner	Process Title	Process Count	Risk Issue Count				
1	Assessment	Issue - Assessment - Process_Issues	Process	icadmin	Process Issues	0	0				
						0	0				
						0	0				
	Control Evaluation	Issue - Audit Test - Process_Issues	Process	icadmin	Process Issues	0	0				
						0	0				
						0	0				
	Evaluation	Issue - Test - Process_HQsales	Process	icadmin	Process HQsales	0	0				
						0	0				
						0	0				
		Issue - Test - Process_Issues	Process	icadmin	Process Issues	0	0				
						0	0				
						0	0				
	Process	Issue - Process1_0320	Process	icadmin	Process1_0320	1	0				
						Issue - Process1_0321	Process	icadmin	Process1_0321	1	0
						Issue - Process2_0320	Process	icadmin	Process2_0320	1	0
Issue - Process3_0320						Process	icadmin	Process3_0320	1	0	
Issue - Process_HQsales						Process	icadmin	Process HQsales	1	0	
2	Assessment	Issue - Assessment - Process4_0320	Process	icadmin	Process4_0320	0	0				
						0	0				
	Evaluation	Issue - Test - Process_for_Risk_Issues	Process	icadmin	Process for Risk Issues	0	1				
						Issue - Process4_0320	Process	icadmin	Process4_0320	1	0

- **Risk by Process Owners:** Displays average risk processes by process owner. In the table view, select a Process Title to view details of the process in GRC Manager.



Risk by Process Owners

Select Dimension Account Level 2 Name

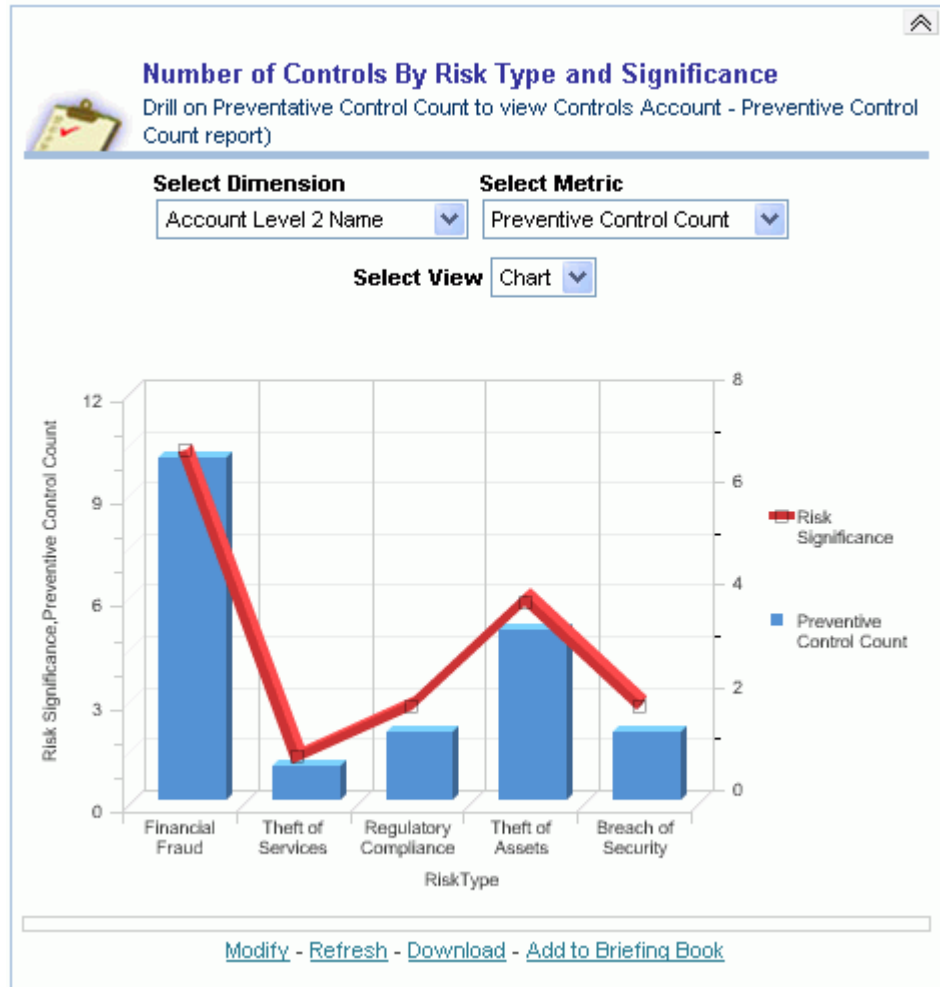
Select View Table

Account Level 2 Name	Process Owner	Process Type	Process Title	RiskType	Risk Significance	Risk Count
Accounting	icadmin	Policy	Process4_0320	Theft of Assets	2	1
Accounting	icadmin	Process	Process1_0320	Financial Fraud	2	1
Accounting	icadmin	Process	Process2_0320	Financial Fraud	4	1
Accounting	icadmin	Process	Process1_0321	Theft of Services	3	1
Accounting	icadmin	Process	Process_HQsales	Financial Fraud	4	1
Accounting	icadmin	Process	Process_HQsales	Regulatory Compliance	2	1
Accounting	icadmin	Process	Process_Issues	Financial Fraud	4	3
Accounting	icadmin	Process	Process3_0320	Financial Fraud	5	1
Accounting	icadmin	Process	Process_Controls	Regulatory Compliance	3	1
Accounting	icadmin	Process	Process1_0401	Theft of Assets	2	1

Records 1 - 10

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- Number of Controls By Risk Type and Significance:** Displays the number of controls by risk type and significance, based on the dimension and metric you have selected.. Select a Preventative Control Count to view the Controls Account - Preventive Control Count report.



- **High Risk Processes With No Controls Tested:** Displays high risk processes with no controls, and the count of the risks. Select a Process Title to view details of the process in GRC Manager.

Note: The note you see on the report is due to a filter that was applied when the report shown in this example was created. The data within the filter is test data and is not applicable to your implementation. Refer to Chapter 2 of this guide for additional information on filters.



The screenshot shows a dashboard titled "High Risk Processes With No Controls Tested". It features a table with the following data:

Account Level 2 Name	Process Type	Process Document ID	Process Title	Risk Type	Risk Rating	Risk Count
Accounting	Policy	133	Process4_0320	Theft of Assets	6	1
Accounting	Process	104	Process3_0320	Financial Fraud	15	1
Accounting	Process	158	Process4_0320	Breach of Security	8	1
Accounting	Process	167	Process4_0320	Breach of Security	8	1

Below the table, there is a red warning box that says "Processes that have no controls tested" with a warning icon. Below that, a text box states "Control Key is equal to -1 and Risk Rating is in top 10". At the bottom, there are links for "Modify", "Refresh", "Download", and "Add to Briefing Book".

Testing Dashboard

The Testing Dashboard consists of two tabs:

- Overview
- Activities

Testing Overview

The Testing Overview tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Control Type, and Process Type.

- **Control Test Summary:** Displays a summary of tests based on test type and process detailing the total number of tests and the percentage of those tests that are open or closed.. Select a Process Title to view details of the process in GRC Manager.

Control Test Summary

Select Dimension: Account Level 2 Name

Account Level 2 Name	Process Type	Process Document ID	Process Title	In Scope	Control Test Type	Total Test Count	Open Test %	Closed Test % ^
Accounting	Process	25	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	463	Acceptance pass	No	Process	0		
Accounting	Process	98	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	100	Nuovo processo aziendale approval workflow 1	No	Audit	0		
Accounting	Process	102	Nuovo processo aziendale approval workflow 1	No	Audit	0		

Records 1 - 5

Total Test Count is not null

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If, for example, you were to select Process2_0320, you would see the following screen in GRC Manager:

ORACLE Governance, Risk and Compliance Manager

Process: **Process2_0320** [Quick Help](#)

[Close](#) [Edit](#) [Approve Changes](#) [Cancel Changes](#)

Refresh From MCL

Organization: SalesOrg **ID:** 000018


Title: Process2_0320 **Release Date:**

State: Edit **Version:** 2

Basics | Assertions | Risks | Controls | Matrix | Action Items | Attachments | Issues | History

<p>COSO</p> <p>Component: Control Environment</p> <p>Category: Effectiveness and Efficiency of Operations</p>	<p>Assignments</p> <p>Owner: icadmin</p> <p>Tester: icadmin</p>
<p>General</p> <p>Type: Process</p> <p>Complexity: 3 Medium</p> <p>Doc Level: 1 Low</p>	<p>Approvals</p> <p>Dept: <input type="text"/></p> <p>Project: <input type="text"/></p>

- **Test Coverage - Current and Prior Year:** Displays test coverage by organization for the current and prior year. In Table view, select a Process Title to view details of the process in GRC Manager. In this example, the account is new, so there is no date available for the prior year, and thus those columns are empty.

 **Test Coverage - Current and Prior Year**

Select Dimension

Select view

Year	Account Level 2 Name	Process Type	Process Title	Control Document ID	Count of Control Tests	Year Ago Total Test Count	Year Ago Open Count	Current Flag	
2008	Accounting	Process	Process2_0320	22	1			Current	
					1			Current	
				23	1			Current	
					1			Current	
			Process1_0321	30	1			Current	
					1			Current	
					1			Current	
			Process_HQsales	43	1			Current	
					44	1			Current
			Process_Issues	59	3			Current	
					61	2			Current
					63	3			Current
			Process for Risk Issues	172	1			Current	

Current Flag is equal to **Current**

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- **Audit and Process Test Issues:** Displays audit and process test issues. Select a value to see detail information.

Audit and Process Test Issues
(Drill on values to see detail information)

Select Dimension Account Level 2 Name

Account Level 2 Name	Issue Type	Process Type	Process Title	Process Test Issue Count	Audit Test Issue Count
Accounting	Assessment	Process	Process Issues	0	0
Accounting	Assessment	Process	Process Issues	0	0
Accounting	Assessment	Process	Process Issues	0	0
Accounting	Assessment	Process	Process4_0320	0	0
Accounting	Control Evaluation	Process	Process Issues	0	1

Records 1 - 5

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- **Assessments - Completion Due Date:** Displays the number of days by which an assessment is overdue for completion. Select a Process Title or an Assessment Title to view details in GRC Manager.

Assessments - Completion Due Date
(Drill on Process Owner Name to view an Assessment Summary)

Select Dimension Account Level 2 Name

Account Level 2 Name	Process Document ID	Process Title	Process Owner	Assessment Title	Due Date	Days Over Due
Accounting	11	Process1_0320	icadmin	Assessment - Process1_0320	3/24/2008	0
Accounting	46	Process_HQsales	icadmin	Assessment - Process_HQsales	4/14/2008	1
Accounting	64	Process_Issues	icadmin	Assessment - Process_Issues	4/2/2008	0
Accounting	158	Process4_0320	icadmin	Assessment - Process4_0320	4/8/2008	7
Accounting	158	Process4_0320	icadmin	Assessment - Process4_0320	4/8/2008	0

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Testing Activities

The Testing Activities tab consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Period Name, Control Test Type, and Process Type using the dashboard prompts.

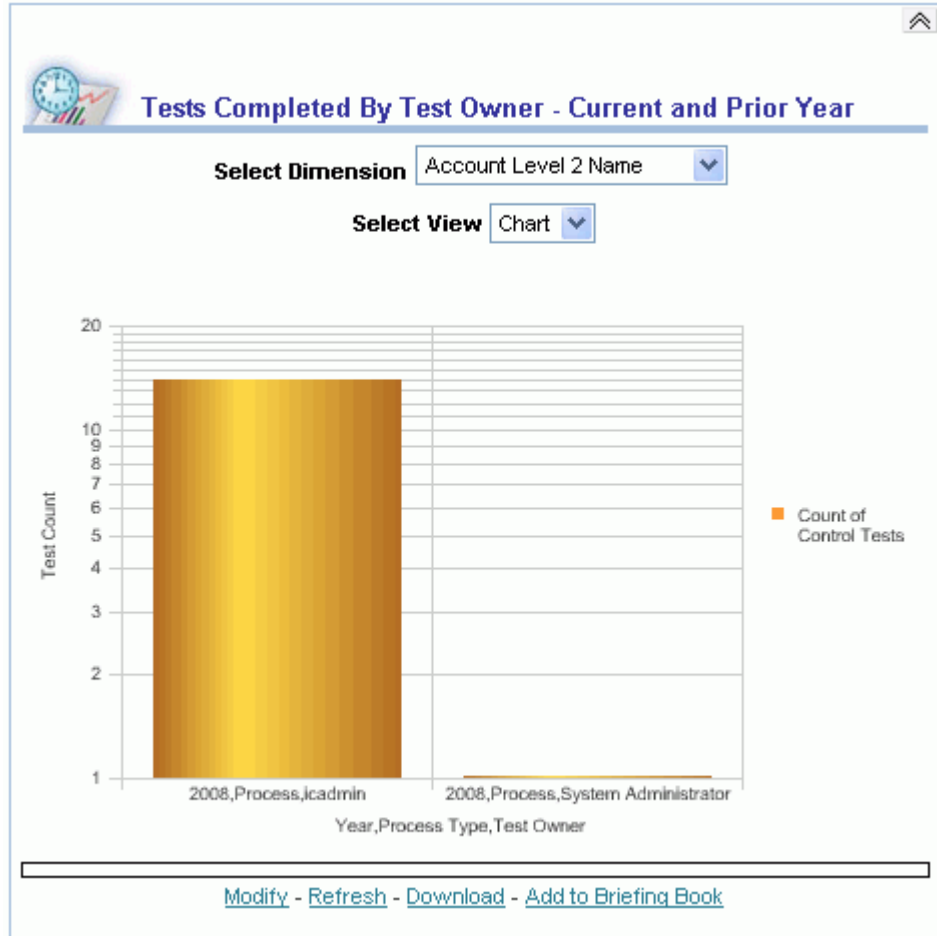
- **Testing Cycle Time - Test Owner:** Displays the testing cycle time, in elapsed days, by test owner.

Account Level 2 Name	Test Owner	Control Test Document ID	Control Test Type	Control Test State	Control Test Create Date	Test Result Date	Test Result	Elapsed Days
Accounting	icadmin	33	Process	Unchanged	3/21/2008			
Accounting	icadmin	34	Process	Unchanged	3/21/2008			
Accounting	icadmin	35	Process	Completed	3/21/2008	3/21/2008	Pass	0
Accounting	icadmin	47	Process	Tests Completed	3/21/2008	3/21/2008	Pass	0
Accounting	icadmin	65	Process	Tests Completed	3/24/2008	3/24/2008	Fail	0

Records 6 - 10

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- **Controls Test Failures:** Displays, by test period and test owner, the status and results of completed tests. Select a Control Title to view its details in GRC Manager.
- **Tests Completed By Test Owner - Current and Prior Year:** Displays tests completed for the current and prior year by test owner. In Chart view, select a test count to view details. In Table view, select a Process title to view its details in GRC Manager.



Oracle BI Publisher (BIP) Reports

Most of the GRCM based GRCI reports have been converted utilizing Oracle BI Publisher. Although the functional content and definition in each report type is the same, the look and feel of the BIP based reports is quite different from the OBIEE generated reports. The following is a complete list of all GRCM based BIP reports that are currently available:

Folder Name	Report Name	View Selector	Column Selector	# Templates
Assessment Reports	Regulatory Compliance Status	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2

Assessment Reports	Design and Operating Effectiveness by Process	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Audit and Process Test Reports	Non-Compliant Processes	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Audit and Process Test Reports	Control Test Summary	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Certification Reports	Certification Status	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Certification Reports	Assessments - Completion Due Date	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Certification Reports	Assessment Status By Process Owner	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Controls Reports	Controls Summary	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Controls Reports	Controls Count - Summary	Report View Only	"Account Level 2 Name Organization Level 2 Name (show all the below metrics) Automated Control Count Preventative Control Count Manual Control Count Detective Control Count Key Control Count Subordinate Control Count Corrective Control Count"	2
Controls Reports	Accounts Lacking Mitigating Controls	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2

Controls Reports	Processes With Control Issues	Report View Only	No	1
Controls Reports	Controls Test Failures	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Issue Reports	Issues Scorecard Summary	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Issue Reports	Audit and Process Test Issues	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Issue Reports	Issues By Owner	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Risk Maps	Risk Heat Map - Business Processes	Report View Only	No	1
Risk Maps	Risk Heat Map - Process Issues	Report View Only	No	1
Risk Maps	Risk Heat Map - Controls	Report View Only	No	1
Risk Maps	Risk Heat Map - Control Issues	Report View Only	No	1
Risk Reports	Risk by Process Owners	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Risk Reports	Control Failure By Process	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Risk Reports	Risks by Process - Issues Aging	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2

Risk Reports	High Risk Processes With Issues	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2
Risk Reports	High Risk Processes With No Controls Tested	Report View Only	No	1
Risk Reports	Number of Controls By Risk Type and Significance	Report View Only	"Account Level 2 Name Organization Level 2 Name (show all the below metrics) Automated Control Count Preventative Control Count Manual Control Count Detective Control Count Key Control Count Subordinate Control Count Corrective Control Count Monitoring Control Count"	2
Risk Reports	Number of Controls Failures By Risk Type	Report View Only	"Account Level 2 Name Organization Level 2 Name"	2

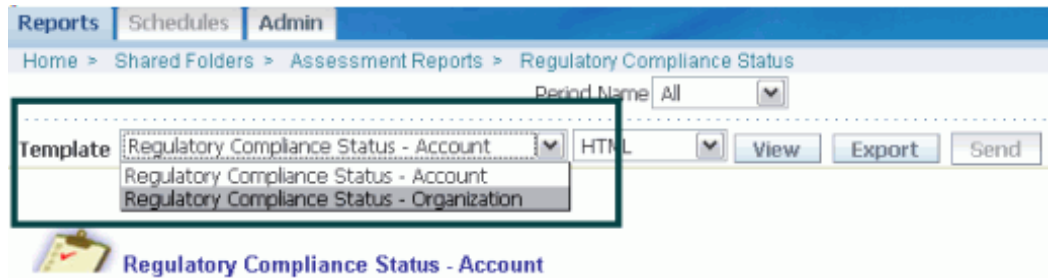
- OBIEE Reports
 - Drill to lowest level for all hierarchies
 - Apply the prompts. For exceptions, refer to the report list above.
- BIP Reports
 - Drill for hierarchy or IDs or drill to source not possible.
 - Conditional formatting for data not possible
 - Pivot table - limitation

All GRCM OBIEE based reports and dashboards are documented in later section of this User Guide; this section is provided to highlight the key differences between the reports built using OBIEE and BIP.

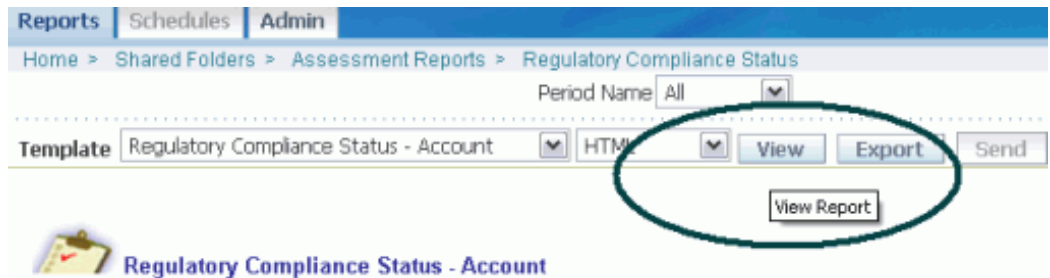
Note: The installation and configuration of BIP reports is explained in detail in the GRCI Installation Guide and should be referred to for questions relating to these topics.

BIP Reports Characteristics

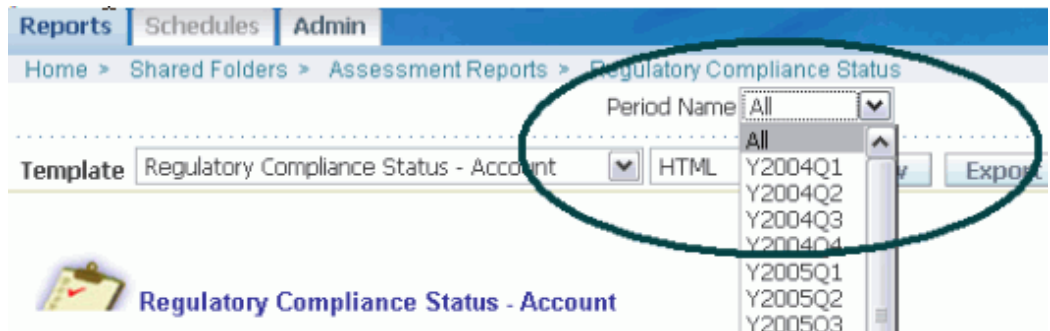
· All dimension views that are available in OBIEE have not been included in BIP reports. Only the Organization and Account views are implemented if available. These dimension views can be accessed by changing the template of the report as shown below.



Unlike OBIEE reports, the BIP reports do not refresh automatically when prompt values are changed. You must click on the "View" button to see the changes to the report.



Most of the dashboard level prompts available in OBIEE have been implemented in BIP.



BIP reports can be customized if required. It requires change to the database query and the templates. Customization should include modification to the supplied xlf files if

multi-language support is desired.

Limitations of BIP

- Drill to source is not possible in BIP. (eg Process details or Control Details etc.)
- BIP does not provide any drill capabilities. Hence the BIP reports show the data at the most granular level. All the hierarchies present have been exploded.
- Conditional formatting of data is not possible in BIP.

Account Level 2 Name	Process Type	In Scope	Total Control Count	Total Test Count	Failed Control %	Period Name
Accounting	Processus	Yes	13	0	53.85%	Y2009Q1

Account Level 2 Name	Account Level 3 Name	Account Level 4 Name	Account Level 5 Name	Account Level Base Name	Process Type	Process Title	In Scope	Total Control Count	Total Test Count	Failed Count %	Period Name
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process_Insure	Yes	8	0	75%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process_HQSales	Yes	2	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process1_0321	Yes	1	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process1_0321	Yes	1	0	0%	Y2009Q1
SalesAccounting	SalesAccounting	SalesAccounting	SalesAccounting	SalesAccounting	Process	Process_for_Risk_Issues	No	1	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process2_0320	No	2	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process2_0320	No	2	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process1_0320	Yes	1	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process1_0320	Yes	3	0	0%	Y2009Q1
Accounting	Accounting	Accounting	Accounting	Accounting	Process	Process1_0321	Yes	1	0	0%	Y2009Q1

- Representation of data in Pivot table format is not possible in BIP.
- Dashboards creation facility not available in BIP.

Application Access Control Dashboards

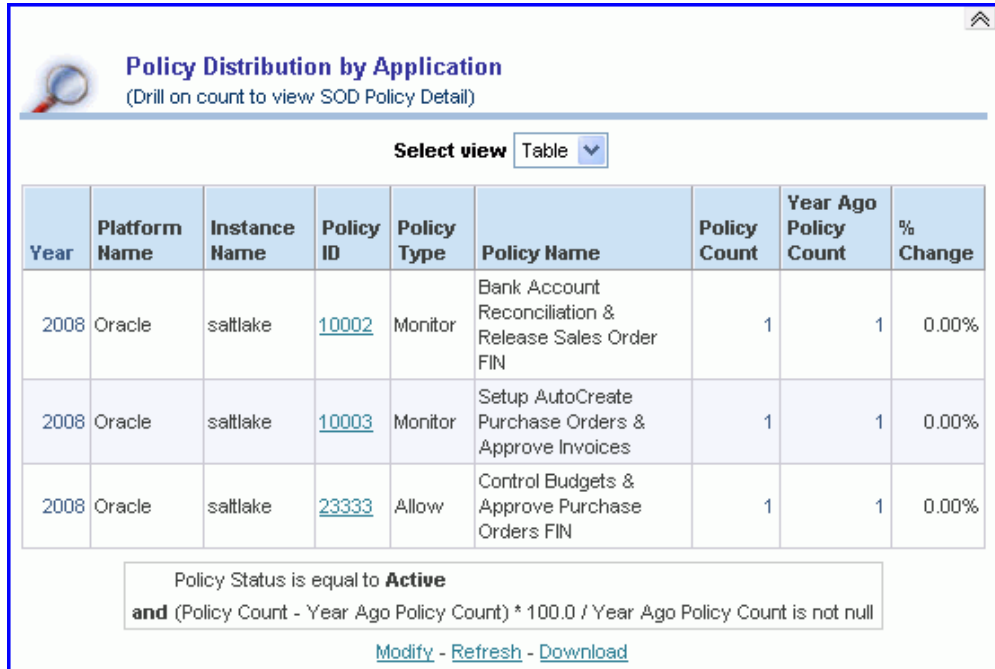
Segregation of Duties (SOD) Policy Dashboards

Overview Dashboard

The SOD Policy Overview Dashboard consists of the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Instance Name, Platform Name, and Policy Type using the dashboard prompts:

- Policy Distribution by Application

This report details by application area the distribution of SOD Policies for the current and prior year as well the percent change. This report drills to the SOD Policy Summary report.



Policy Distribution by Application
(Drill on count to view SOD Policy Detail)

Select view: Table

Year	Platform Name	Instance Name	Policy ID	Policy Type	Policy Name	Policy Count	Year Ago Policy Count	% Change
2008	Oracle	sattlake	10002	Monitor	Bank Account Reconciliation & Release Sales Order FIN	1	1	0.00%
2008	Oracle	sattlake	10003	Monitor	Setup AutoCreate Purchase Orders & Approve Invoices	1	1	0.00%
2008	Oracle	sattlake	23333	Allow	Control Budgets & Approve Purchase Orders FIN	1	1	0.00%

Policy Status is equal to **Active**
and (Policy Count - Year Ago Policy Count) * 100.0 / Year Ago Policy Count is not null

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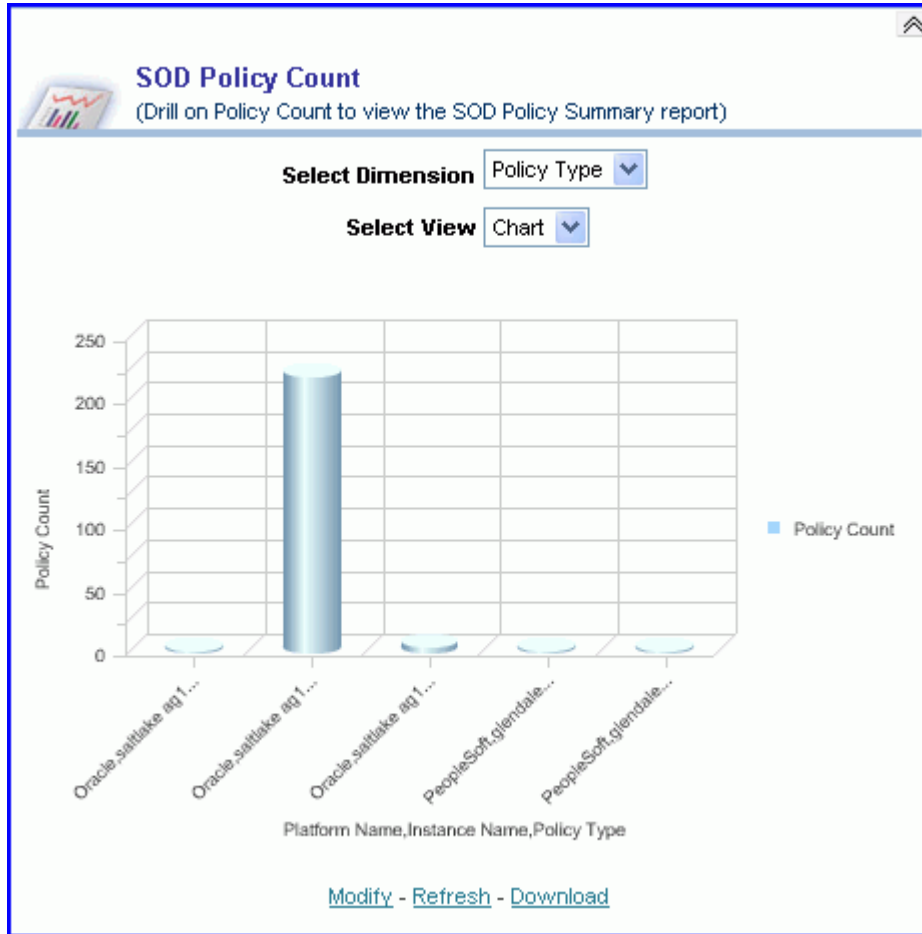
- SOD Policy Trend

This report shows the trend of the number of SOD Policies by access point over time.



- SOD Policy Count

This report details the distribution of SOD Policies over key dimensions (for example, SOD Policy Type, Risk, Process).

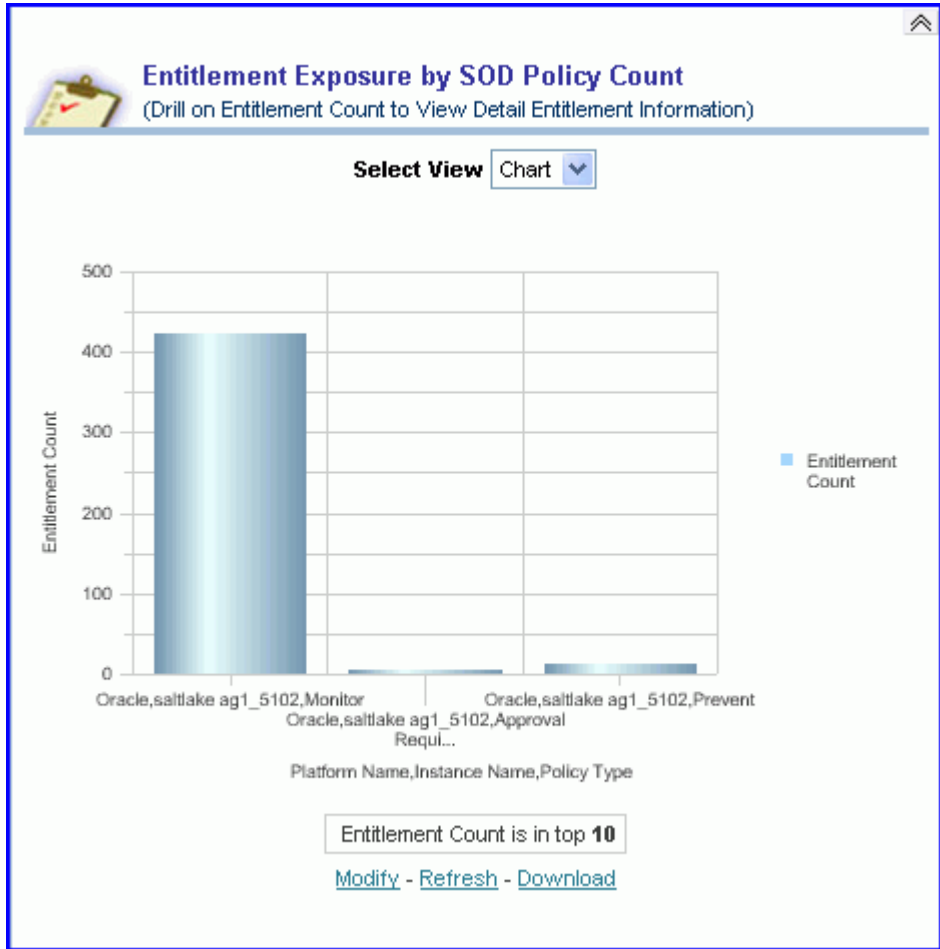


Details Dashboard

The SOD Policy Details Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Instance Name, Platform Name, and Policy Type using the dashboard prompts:

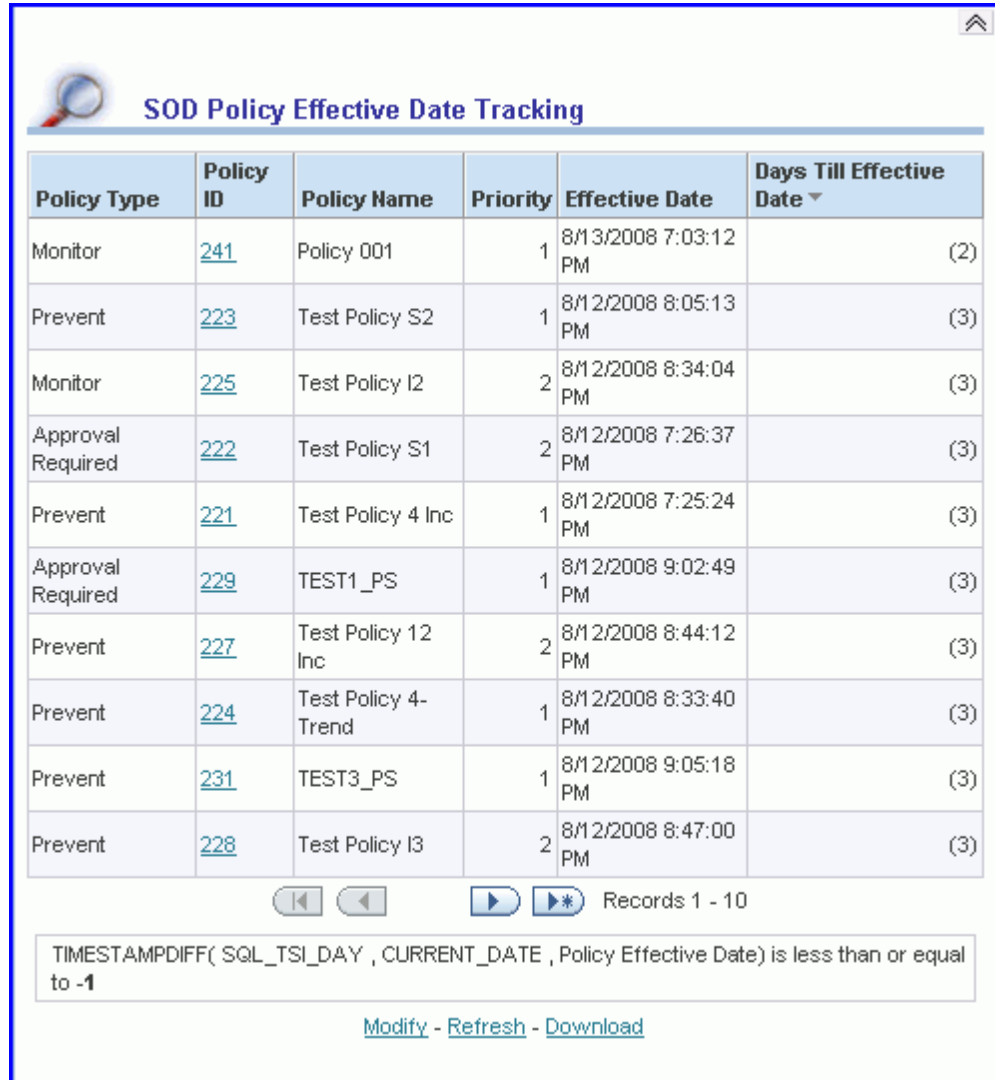
- Entitlement Exposure by SOD Policy Count

This report shows the top ten SOD Policy entitlements that are associated with an SOD Policy.



- SOD Policy Effective Date Tracking

This report tracks when an SOD Policy will become effective and provides a counter of days remaining until the SOD Policy becomes active.



The screenshot shows a report titled "SOD Policy Effective Date Tracking". It contains a table with 10 rows of data. Below the table are navigation controls (back, forward, refresh, print) and a text box containing a SQL query snippet: `TIMESTAMPDIFF(SQL_TSI_DAY , CURRENT_DATE , Policy Effective Date) is less than or equal to -1`. At the bottom of the report area are links for "Modify", "Refresh", and "Download".

Policy Type	Policy ID	Policy Name	Priority	Effective Date	Days Till Effective Date
Monitor	241	Policy 001	1	8/13/2008 7:03:12 PM	(2)
Prevent	223	Test Policy S2	1	8/12/2008 8:05:13 PM	(3)
Monitor	225	Test Policy I2	2	8/12/2008 8:34:04 PM	(3)
Approval Required	222	Test Policy S1	2	8/12/2008 7:26:37 PM	(3)
Prevent	221	Test Policy 4 Inc	1	8/12/2008 7:25:24 PM	(3)
Approval Required	229	TEST1_PS	1	8/12/2008 9:02:49 PM	(3)
Prevent	227	Test Policy 12 Inc	2	8/12/2008 8:44:12 PM	(3)
Prevent	224	Test Policy 4-Trend	1	8/12/2008 8:33:40 PM	(3)
Prevent	231	TEST3_PS	1	8/12/2008 9:05:18 PM	(3)
Prevent	228	Test Policy I3	2	8/12/2008 8:47:00 PM	(3)


Records 1 - 10

TIMESTAMPDIFF(SQL_TSI_DAY , CURRENT_DATE , Policy Effective Date) is less than or equal to -1

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- High Priority SOD Policies By Business Processes

This report shows High Priority SOD Policies, policy type, priority and associated business processes. This is achieved by combining two report sets (Risk and Process) using the union operation.



High Priority SOD Policies By Business Processes

Policy Type	Policy Id	Policy Name	Policy Priority	Process/Risk	Policy Owner User Name	Generic Dim Type
Approval Required	219	Test Policy1	1	Human Resources	admin	Business Process
Approval Required	219	Test Policy1	1	Regulatory Compliance	admin	Risk
Approval Required	220	Test Policy 2	1	Procure to Pay	admin	Business Process
Approval Required	220	Test Policy 2	1	Regulatory Compliance	admin	Risk
Approval Required	222	Test Policy S1	2	Breach of Security	admin	Risk
Approval Required	222	Test Policy S1	2	Logistics	admin	Business Process
Monitor	11	Physical Inventory & Receive Goods and Services	1	Financial Close and Reporting	admin	Business Process
Monitor	11	Physical Inventory & Receive Goods and Services	1	Financial Fraud	admin	Risk
Monitor	123	Modify Employee Job & Define Payroll Information	1	Human Resources	admin	Business Process
Monitor	123	Modify Employee Job & Define Payroll Information	1	Theft of Assets	admin	Risk


 Records 1 - 10
 Request contains **no** filters
[Modify](#) - [Refresh](#) - [Download](#)

- Top 10 Policy Exclusions

This report details the top 10 policy exclusion types (and their values) associated with SOD Policies and the count of policies for each exclusion type.



SOD Policy - Auditor Dashboards

Overview Dashboard

The SOD Policy - Auditor Overview Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Instance Name, Platform Name, Policy Type and Access Point Type using the dashboard prompt:

- SOD Policy Conflicts by User

This report provides a multi-drill path capability to analyze by user SOD Policy conflicts by User, Access Point and SOD Policy. Users can select specific Application User(s) using the report prompt.

Application User Name
 ...

SOD Policy Conflicts by User

Application User Name	Policy Type	Policy Violation Count ▼	Role Drill Down	Access Point Drill Down	Policy Drill Down
UK	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
PROCESS_OPS	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
KOREA	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
OMALL	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
OMBLD	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down

◀ ◀ ▶ ▶* Records 1 - 5

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- SOD User Roles

This report provides a multi-drill path capability to analyze Role and conflict path count by User, Access Point and SOD Policy. Users can select specific Access Point Name(s) using the report prompt.

▲

Access Point Name - Role

...
Go

SOD User Roles


Access Point Name - Role	Policy Type	Policy Violation Count ▼	User Drill Down	Access Point Drill Down	Policy Drill Down
Application Developer-Application Object Library	Monitor	502	User Drill Down	Access Point Drill Down	Policy Drill Down
General Ledger, Vision Operations (USA)-General Ledger	Monitor	145	User Drill Down	Access Point Drill Down	Policy Drill Down
Order Management Super User, Vision Operations (USA)-Order Management	Monitor	138	User Drill Down	Access Point Drill Down	Policy Drill Down
Receivables, Vision Operations (USA)-Receivables	Monitor	137	User Drill Down	Access Point Drill Down	Policy Drill Down
Assets, Vision Operations (USA)-Assets	Monitor	111	User Drill Down	Access Point Drill Down	Policy Drill Down

⏪ ⏩ ▶ ▶* Records 1 - 5

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- Distribution of Business Processes Across SOD Policies

This report shows the distribution of SOD Coverage by business process for an organization.



Distribution of Business Processes Across SOD Policies

Policy Type	Process	Policy Count	Total Policy Count	Percentage of policies
Approval Required	Human Resources	1	232	0.43%
	Logistics	1	232	0.43%
Monitor	Financial Close and Reporting	1	232	0.43%
	Human Resources	1	232	0.43%
	Order to Cash	1	232	0.43%
Prevent	Capital and Risk	1	232	0.43%

[Modify](#) - [Refresh](#) - [Download](#)

- Distribution of Access points Across SOD Policies

This report details the distribution of Access Points distribution across SOD Policies.



Details Dashboard

The SOD Policy - Auditor Details Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Instance Name, Platform Name, Policy Type and Access Point Type using the dashboard prompts:

- Conflict Count for Application User

Use this report to view the conflict count for application users.

⏶

Application User Name

...
Go

Conflict Count for Application User

(Drill on Total Conflict Path Count to view SOD Conflict Path Detail - Application User report)

Global User Name	Application User Name	Policy Type	SOD Policy Count	Total Conflict Path Count ▾	Year Ago Total Conflict Path Count
DATAMERGE	DATAMERGE	Monitor	6	698	
RWOHL	RWOHL	Monitor	6	642	
FRODRIGUES	FRODRIGUES	Monitor	6	521	
EBUSINESS	EBUSINESS	Monitor	6	474	
ALAN	ALAN	Monitor	5	444	
MOLIVEIRA	MOLIVEIRA	Monitor	6	431	
EBUSINESS-MFG	EBUSINESS-MFG	Monitor	6	421	
FIN7	FIN7	Monitor	5	416	
OPERATIONS	OPERATIONS	Monitor	6	393	
JPALMER	JPALMER	Monitor	6	338	

⏪ ⏩ ▶ ▶* Records 1 - 10

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- Top 10 Offending Access Points - Privileges
 This report shows the Top 10 offending Access Points by Privileges. Users can select a specific application user name(s) using the report prompt.

Access Point Name - Privileges

Go

Top 10 Offending Access Points - Privileges

(Drill on Conflict Path value to view detail information)

Policy Type	Access Point Name - Privileges	Total Policy Count	Policy Count	Total Conflict Path Count ▼	Conflict Count
Monitor	Receiving Options	232	9	3370	610
Monitor	Receipts	232	9	2945	612
Monitor	Receiving Transactions	232	9	2396	602
Monitor	Master Items	232	6	1914	167
Approval Required	Force Approve Invoices	232	1	1876	191
Approval Required	Initiate Invoice Approval	232	1	1876	191
Approval Required	Invoice Approve	232	1	1876	191
Monitor	Receipt	232	15	1845	458
Prevent	Master Items	232	2	1516	419
Monitor	Receipt Batches	232	15	1376	448

Total Conflict Path Count is in top **10**

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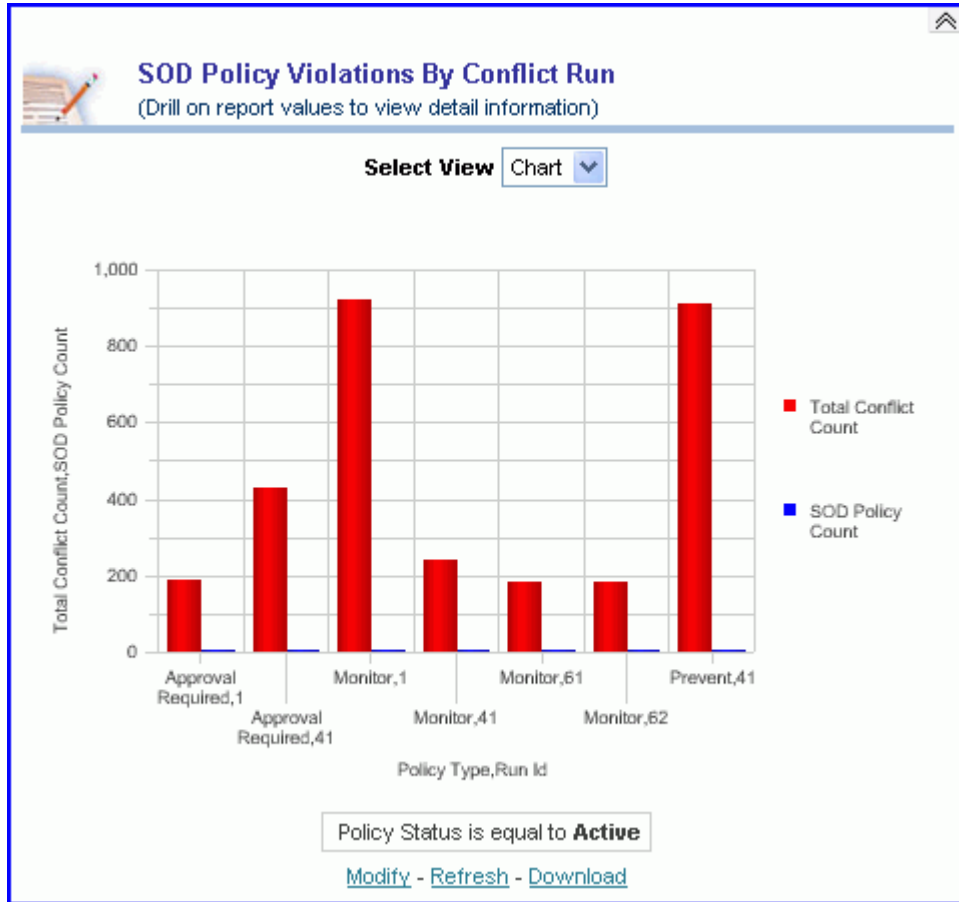
- Top 10 Offending Access Points - Roles

This report summarizes the number of SOD Conflicts, SOD Conflict Paths, and SOD Policies that relate the Access Point to the Role. Users can select a specific access point name - privileges using the report prompt.



- SOD Policy Violations By Conflict Run

This report shows all approved SOD Policy conflict paths by Access Point and SOD Policy Type and by the person assigned to resolve the SOD Policy conflict.



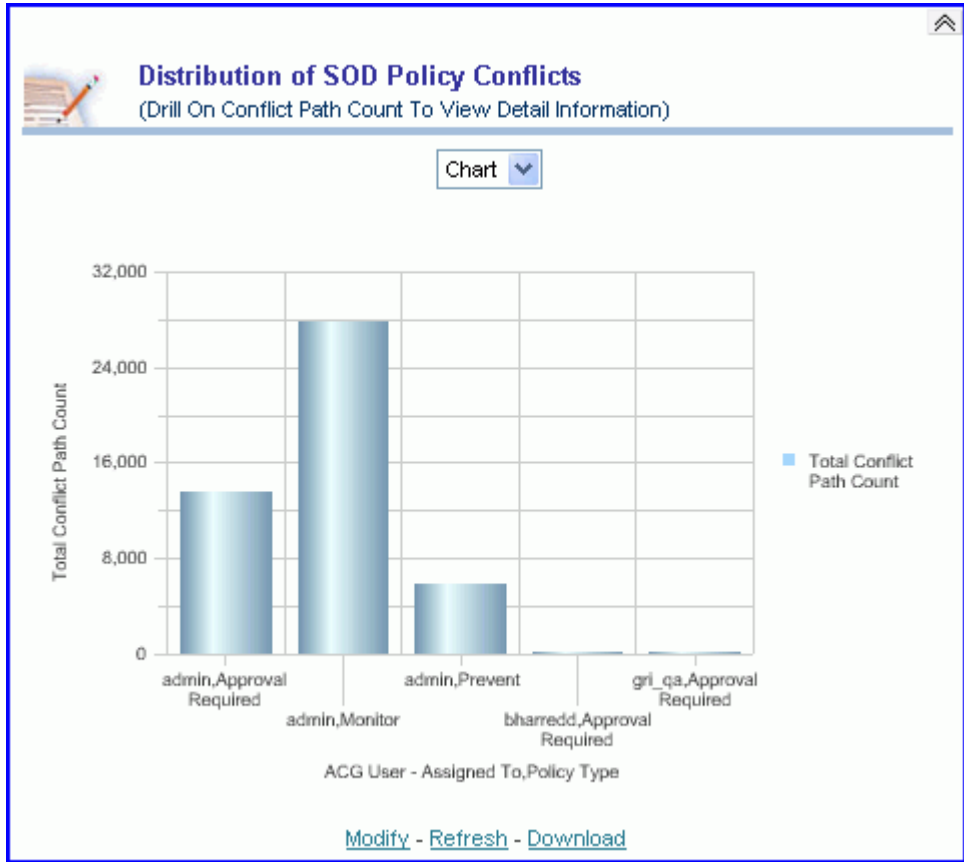
SOD Policy - Owner Dashboards

Overview Dashboard

The SOD Policy - Owner Overview Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Policy Owner, Policy Type, Instance Name, and Platform Name using the dashboard prompts.

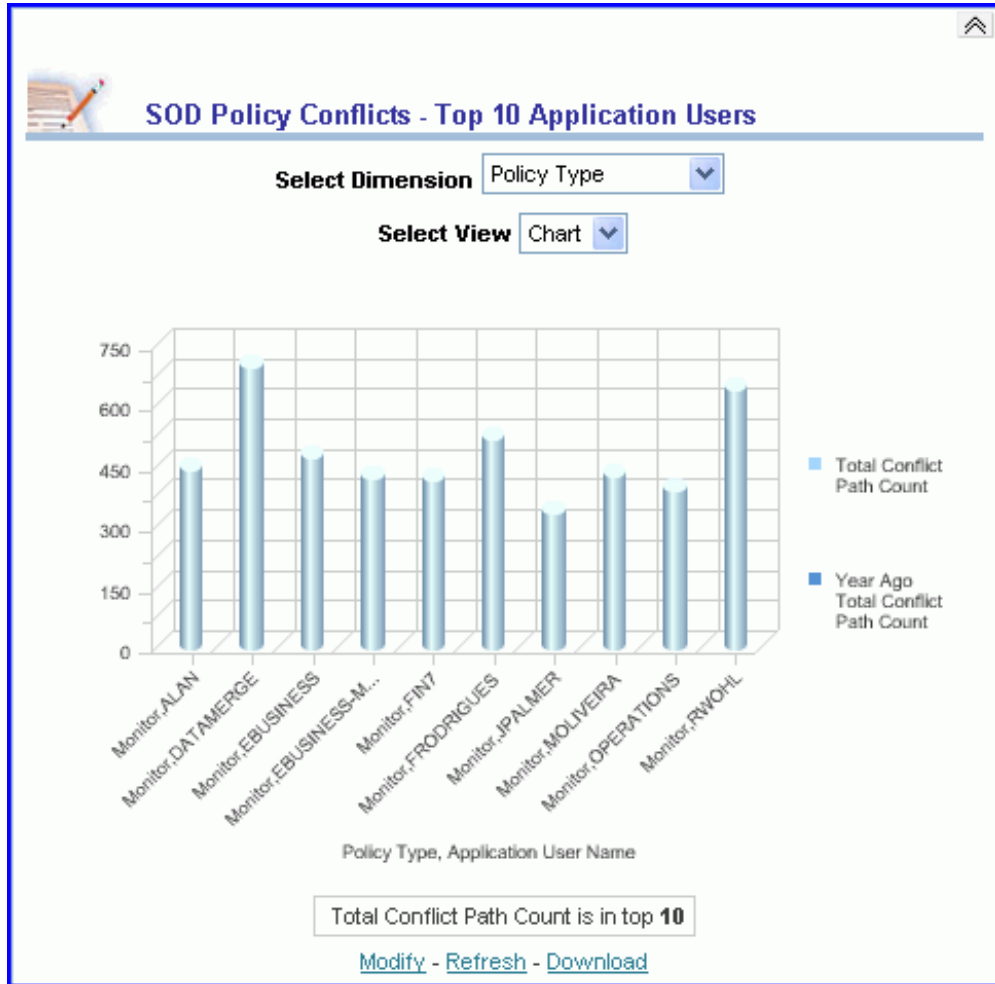
- Distribution of SOD Policy Conflicts

This report shows Distribution of Assigned SOD Policy Conflicts by the person to whom they are assigned.



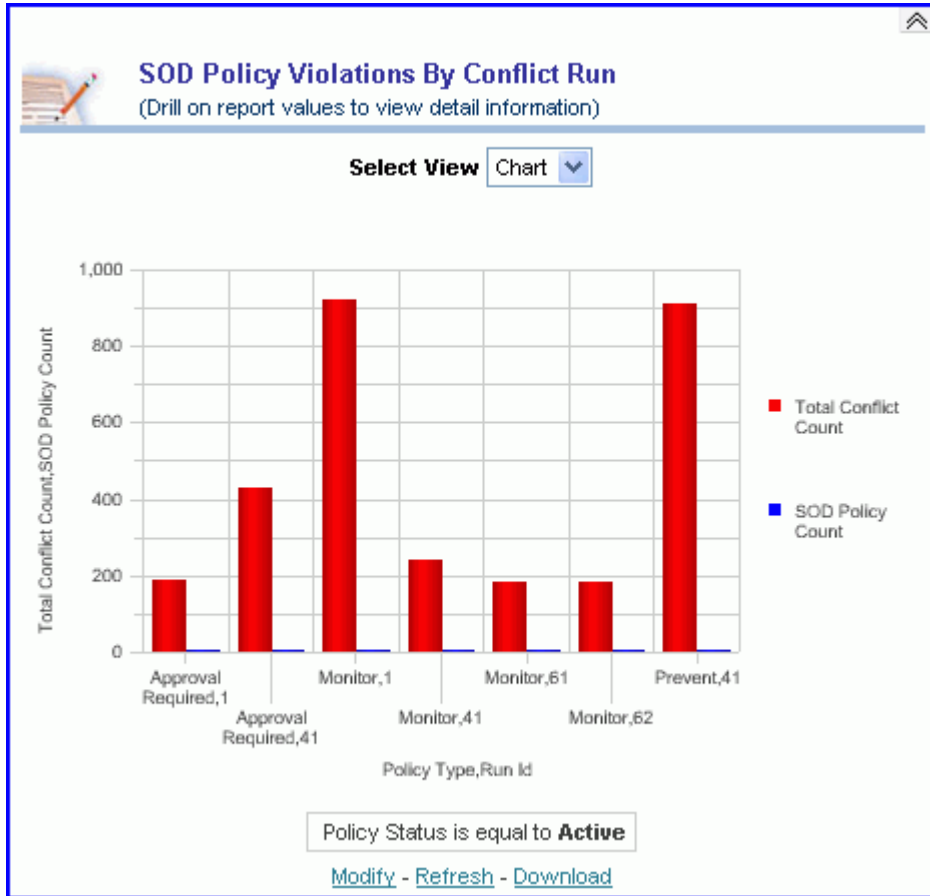
- SOD Policy Conflicts - Top 10 Application Users

This report shows the Top 10 Application Users who have violated SOD Policies on a current and year ago basis by Access Point Type and SOD Policy Type.



- SOD Policy Violations By Conflict Run

This report shows all approved SOD Policy conflict paths by Access Point and SOD Policy Type and by the person assigned to resolve the SOD Policy conflict.



- Top 10 Policy Exclusions

This report details the top 10 policy exclusion types (and their values) associated with SOD Policies and the count of policies for each exclusion type.

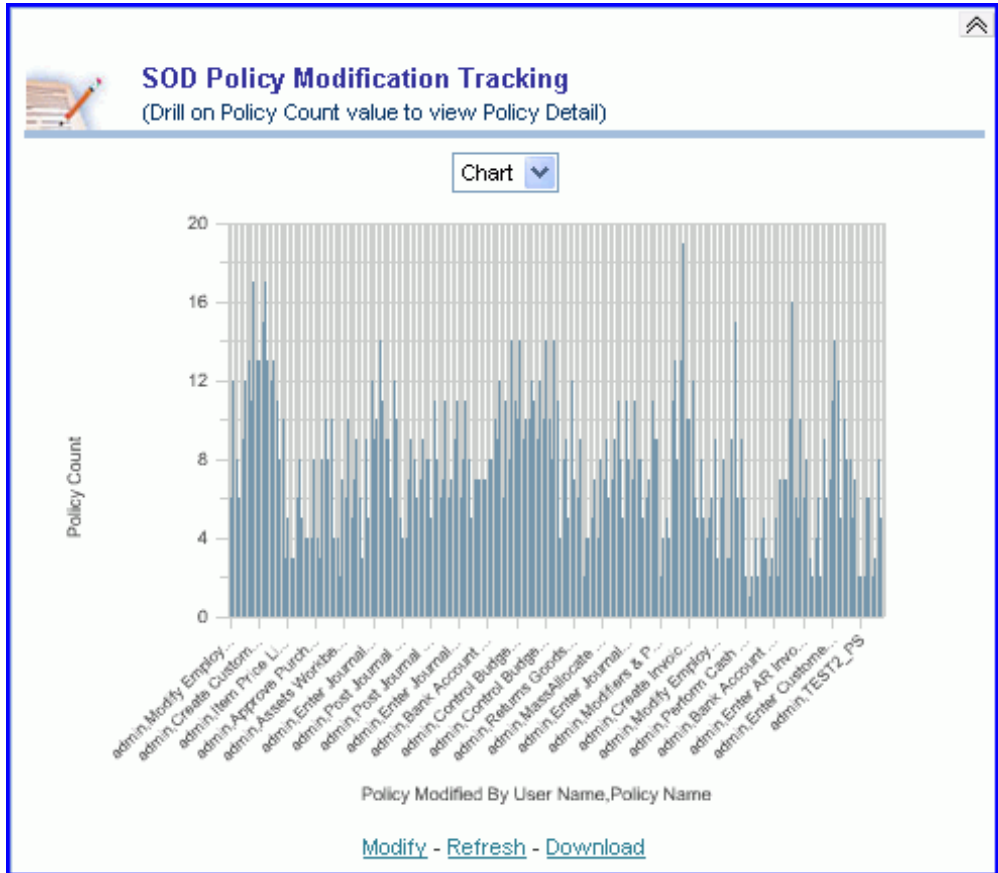


Details Dashboard

The SOD Policy - Owner Details Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Policy Owner, Instance Name, Platform Name and Policy Name using the dashboard prompts:

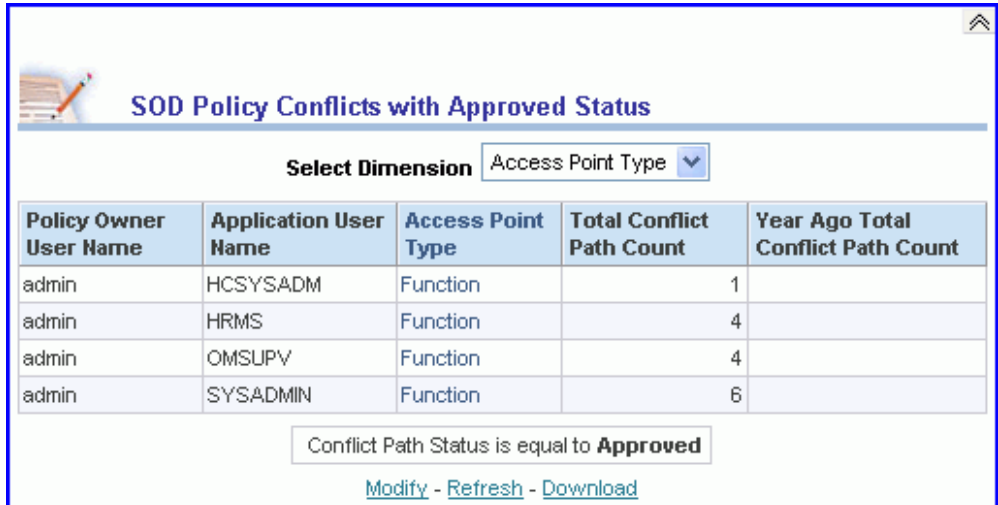
- SOD Policy Modification Tracking

Use this report to track SOD policy modifications.



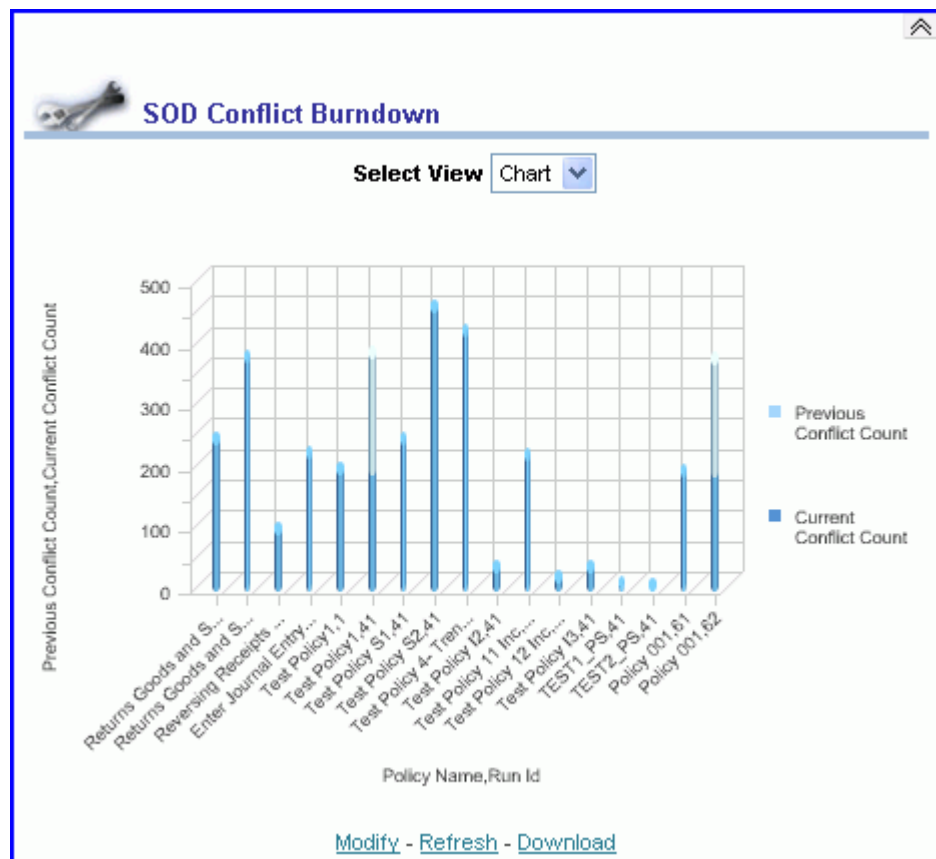
- Conflicts by SOD Policy

This report shows by user and policy the conflict path, privilege and the status (e.g., rejected, etc.)



- SOD Conflict Burndown

This report shows by conflict analysis run the current and previous number of conflicts, the difference and the % change.



- SOD Policy Effective End Date Tracking

This report tracks when an SOD Policy is to become effective and provides a counter of days remaining until the SOD Policy becomes active.

Policy Owner User Name	Policy ID	Policy Name	Priority	Effective Date	Policy Effective End Date	Days Till Expiration Date ^
admin	186	Returns Goods and Services & Enter Customer Receipts	1	8/10/2008 3:47:35 PM	8/10/2008 3:47:35 PM	(5)
admin	187	Returns Goods and Services & Receive Goods and Services	1	8/10/2008 3:47:35 PM	8/10/2008 3:47:35 PM	(5)
admin	189	Reversing Receipts & Ship Customer Goods	1	8/10/2008 3:47:36 PM	8/10/2008 3:47:36 PM	(5)
admin	231	TEST3_PS	1	8/12/2008 9:05:18 PM	8/12/2008 9:05:18 PM	(3)
admin	241	Policy 001	1	8/13/2008 7:03:12 PM	8/13/2008 7:03:12 PM	(2)
admin	241	Policy 001	1	8/13/2008 7:03:12 PM	8/13/2008 7:05:26 PM	(2)
admin	1	Enter Journal Entry & Create Sales Order	1	8/10/2008 3:47:03 PM	12/31/9999 12:00:00 AM	2918790
admin	10	Approve Purchase Orders & Approve Invoices	1	8/10/2008 3:47:05 PM	12/31/9999 12:00:00 AM	2918790
admin	100	Create Suppliers & Create Payments	1	8/10/2008 3:47:18 PM	12/31/9999 12:00:00 AM	2918790
admin	101	Create Suppliers & Create Purchase Orders	1	8/10/2008 3:47:18 PM	12/31/9999 12:00:00 AM	2918790

Records 1 - 10

TIMESTAMPDIFF(SGL_TSL_DAY , CURRENT_DATE , Policy Effective Date) is less than or equal to -1

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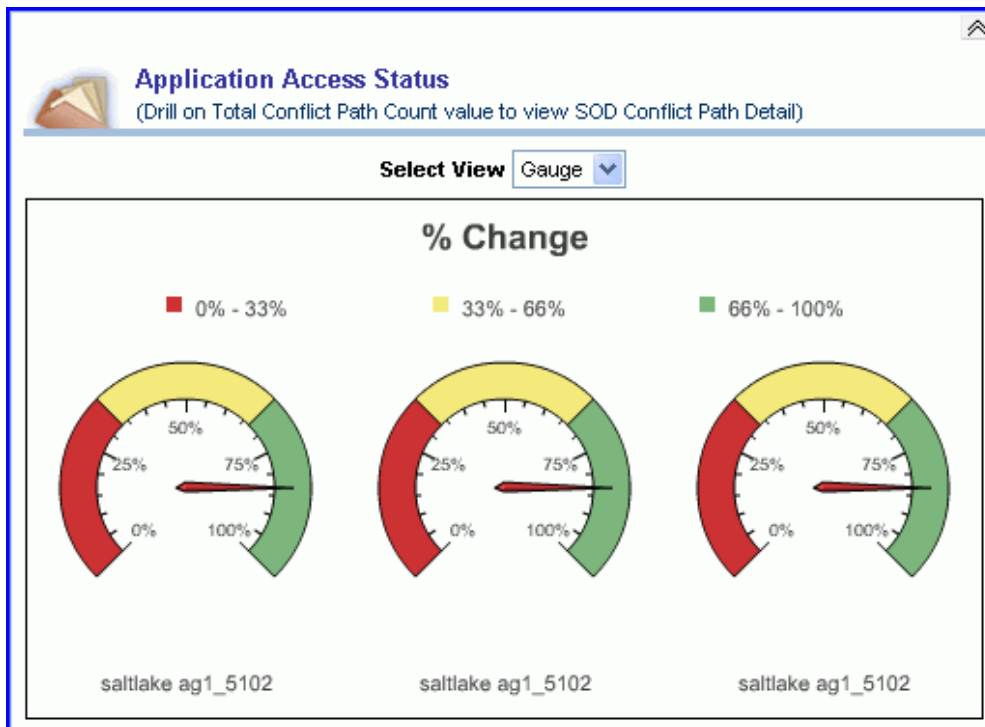
SOD Policy Conflicts Dashboards

Overview Dashboard

The SOD Policy Conflicts Overview Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Instance Name, Platform Name and Access Point Type:


- Application Access Status

This report shows by application are (e.g., Oracle or Peoplesoft) conflict path count and their total.



- Conflicts by Access Point

This report shows by Access Point (Role & Privilege) and Policy Type the total conflict paths and their percentage breakdown.



Conflicts by Access Point

Select Access Point ▼

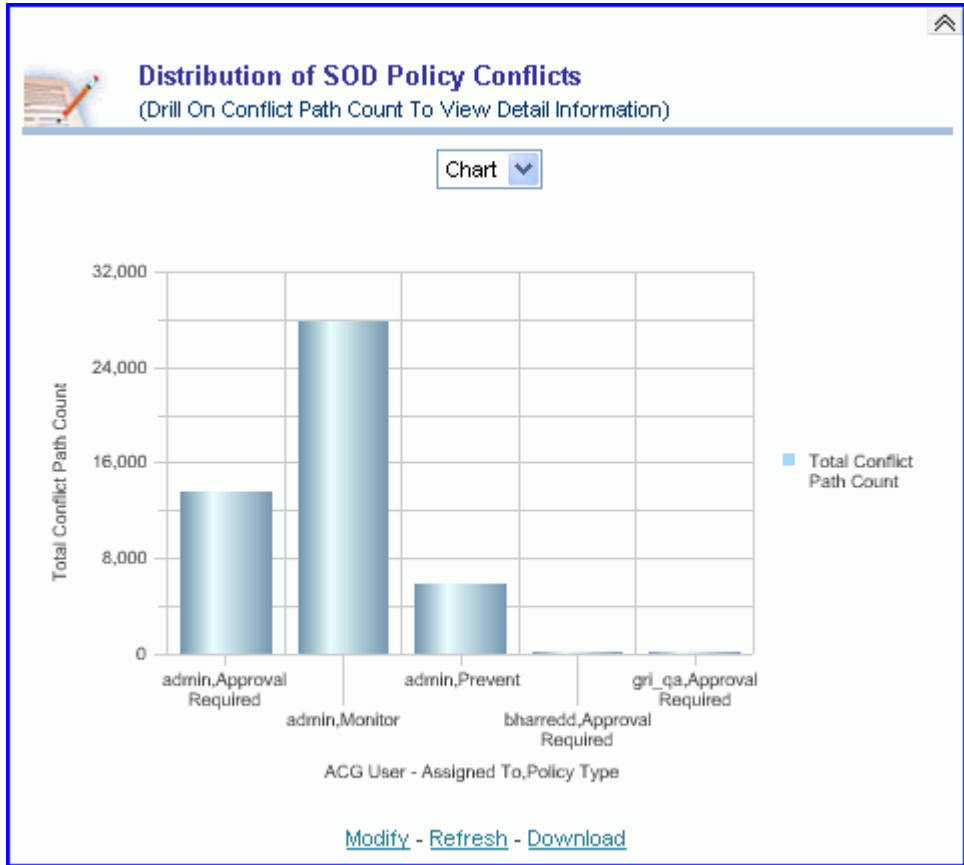
Policy Type	Access Point Name - Role	Total Conflict Path Count ▼	Total Conflict%
Monitor	Application Developer-Application Object Library	1862	3.94%
Monitor	Order Management Super User, Vision Operations (USA)-Order Management	1037	2.19%
Monitor	Receivables, Vision Operations (USA)-Receivables	671	1.42%
Monitor	Manufacturing and Distribution Manager-Advanced Supply Chain Planning	577	1.22%
Approval Required	Order Management Super User, Vision Operations (USA)-Order Management	561	1.19%

Records 1 - 5

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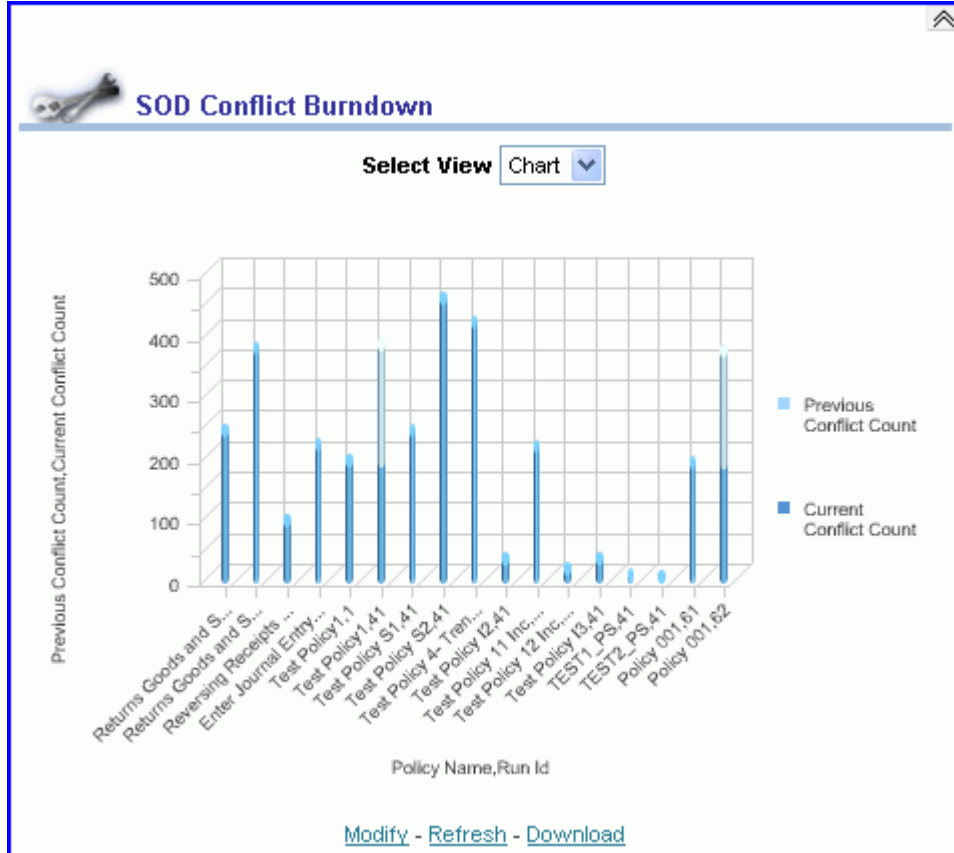
- Distribution of SOD Policy Conflicts

This report shows by the person assigned to resolve an SOD Policy conflict the distribution of assigned SOD Policy conflicts.



- SOD Conflict Burndown

This report shows by conflict analysis run the current and previous number of conflicts, the difference and the % change.

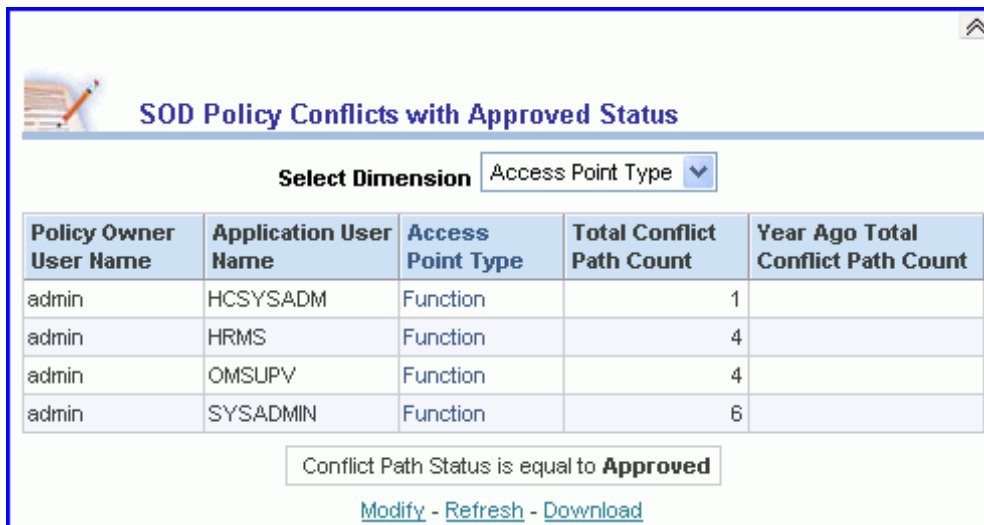


Detail Dashboard

The SOD Policy Conflicts Detail Dashboard displays the following reports by default, but you can customize the page to add custom reports if desired. You can also choose to limit the reports by Year, Platform Name, Instance Name, and Access Point Type:

- SOD Policy Conflicts with Approved Status

This report shows all approved SOD Policy conflicts paths by Access Point Type and also provides a count of conflict path.



SOD Policy Conflicts with Approved Status

Select Dimension: Access Point Type

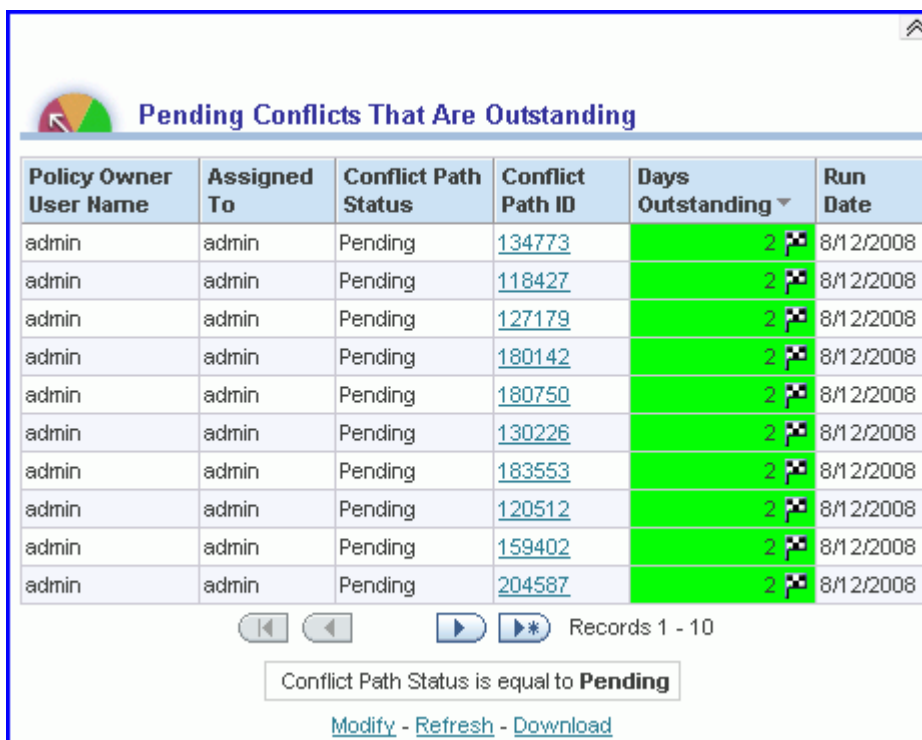
Policy Owner User Name	Application User Name	Access Point Type	Total Conflict Path Count	Year Ago Total Conflict Path Count
admin	HCSYSADM	Function	1	
admin	HRMS	Function	4	
admin	OMSUPV	Function	4	
admin	SYSADMIN	Function	6	

Conflict Path Status is equal to **Approved**

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- Pending Conflicts That Are Outstanding

This report shows all pending SOD Policy conflict paths by the person assigned to resolve the SOD Policy conflict and how long the SOD Conflict has had the status of pending.



Pending Conflicts That Are Outstanding

Policy Owner User Name	Assigned To	Conflict Path Status	Conflict Path ID	Days Outstanding	Run Date
admin	admin	Pending	134773	2	8/12/2008
admin	admin	Pending	118427	2	8/12/2008
admin	admin	Pending	127179	2	8/12/2008
admin	admin	Pending	180142	2	8/12/2008
admin	admin	Pending	180750	2	8/12/2008
admin	admin	Pending	130226	2	8/12/2008
admin	admin	Pending	183553	2	8/12/2008
admin	admin	Pending	120512	2	8/12/2008
admin	admin	Pending	159402	2	8/12/2008
admin	admin	Pending	204587	2	8/12/2008

Records 1 - 10

Conflict Path Status is equal to **Pending**

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- SOD Policy Conflicts by User

This report provides a multi-drill path capability to analyze by user SOD Policy conflicts by User, Access Point and SOD Policy.

Application User Name	Policy Type	Policy Violation Count	Role Drill Down	Access Point Drill Down	Policy Drill Down
UK	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
PROCESS_OPS	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
KOREA	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
OMALL	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down
OMBLD	Monitor	10	Role Drill Down	Access Point Drill Down	Policy Drill Down

Records 1 - 5

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- Top 10 Access Points by SOD Policy Conflicts

This report shows the Top 10 Access Points (e.g., menu, Function, Role) and the count of SOD Policy conflict paths and the percentage breakdown.



Top 10 Access Points by SOD Policy Conflicts

Role Name

Role Name	Conflict Path Count	% of Total
Application Developer-Application Object Library	3512	5.48%
Depot Repair Super User-Depot Repair	1076	1.68%
Financial Management-General Ledger	1050	1.64%
Manufacturing and Distribution Manager-Advanced Supply Chain Planning	1456	2.27%
Order Management Super User , Vision Operations (USA)-Order Management	2556	3.99%
Order Management, Vision China-Order Management	754	1.18%
Purchasing Super User-Purchasing	933	1.46%
Receivables Manager-Receivables	872	1.36%
Receivables Super User(Process Operations)-Receivables	798	1.25%
Receivables, Vision Operations (USA)-Receivables	1206	1.88%
Grand Total	14213	100.00%

Total Conflict Path Count is in top **10**

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Repository Modeling for SOD Subject Areas

This chapter covers the following topics:

- Introduction
- Subject Area – SOD Detail
- Subject Area – SOD Conflicts
- Subject Area – SOD Policy
- Subject Area – SOD Policy Conditions
- Metrics
- Common SOD Dimensions
- SOD Conditions
- SOD Path Conditions

Introduction

To create error free reports and interactive dashboards, you need to understand the ways to consume the facts and dimensions in the respective subject areas. This chapter describes most of the possible combinations for using SOD facts and dimensions effectively to generate reports.

In GRI 2.0, subject areas are categorized as Overview and Detail. The overview subject areas are:

- SOD Conflicts
- SOD Policy
- SOD Policy Conditions

The detailed subject area is SOD Detail.

Subject Area – SOD Detail

The SOD Detail subject area includes the following folders:

- Common Dimensions
- SOD user conflict specific analytics
- SOD conflict path specific analytics
- SOD conflict analytics by run
- SOD policy
- Conditions
- Path conditions

Common Dimensions

Refer the Common Dimensions section of this chapter for details of common dimensions.

SOD User Conflict Specific Analytics

This folder contains the Fact - Global User Conflict. This fact joins with all dimensions in the Common Dimensions folder namely the Policy, Run and Time; the Global User Conflict fact should not be used in combination with any other dimensions as errors will result. The measures in this fact are related to Global users and not related users from the Application user dimension. All the measures related to Fact – Global User Conflict are listed in the table Global User Conflict Metrics in the Metrics section.

SOD Conflict Path Specific Analytics

This folder contains the following facts and dimensions:

- **Instance Dimension:** The Instance dimension in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the following folders.
 - SOD Conflict Analytics by Run
 - SOD Conflicts
 - SOD Policy

- Conditions
- Path Conditions

Do not use the Instance dimension with Fact - Global User Conflict as the metrics defined in this fact are not instance specific.

- **Application User Dimension** The Application user dimension in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the following folders.
 - SOD Conflicts
 - SOD Policy
 - Conditions
 - Path Conditions

The Application User Dimension should not be used with the facts and dimensions in the SOD Conflict Analytics by Run folder. The Application User Dimension should be used with the Fact – Global User Conflict only; use it with reference to the attribute – Global user name.

- **Access Point – Role Dimension:** The Access Point – Role dimension (Role playing version of access point dimension) present in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the current folder and common dimensions only.
- **Access Point – Privileges Dimension:** The Access Point – Privileges dimension (Role playing version of access point dimension) present in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the current folder and common dimensions only.
- **Entitlement Dimension:** Entitlement is a group of access points in various combinations to define a policy. The entitlement dimension in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from SOD Policy and common dimension. Note: Make sure that the entitlement dimension should not be used with dimensions and facts from folders:
 - Conditions
 - Path Conditions
 - SOD Conflict Analytics by Run
- **ACG User - Assigned To Dimension:** ACG users are auditors and policy owners. This dimension is used only in SOD Conflict Path Specific Analytics (current

folder).

- **Fact - Conflict:** The conflict fact joins with all the dimensions from Common Dimensions folder namely the Policy, Run and Time. All the measures calculated or derived in the conflict fact are specific to application user specific (Related user) and instance or platform. This fact should only be used in combination with any other dimensions in the current folder and common dimensions.

SOD Conflict Analytics by Run

This folder contains the following facts and dimensions which can be used in combination with Common dimensions only.

- **Previous Run:**The previous run dimension joins with the Fact – Policy Previous Run to provide the previous run details.
- **Time Day - Previous Run Date:**This dimension joins with the Fact – Policy Previous Run to provide the date of the previous run with respect to the current run.
- **Fact - Policy Previous Run:** The measures defined in this fact are with respect to current run (from common dimensions) and previous run (from previous run dimension) combination and also the time dimensions of Time Day - Previous Run Date and Time (from common dimensions).

SOD Policy

This folder contains Fact - SOD Policy. This fact joins with all the dimensions in from Common Dimensions folder namely the Policy, Run and Time. They should not be used in combination with any other dimensions as they result in error data.

Conditions

Refer to the Conditions section of this chapter.

Subject Area – SOD Conflicts

The SOD conflicts subject area has the following structure.

- Common Dimensions (for details, refer to the Common Dimensions section of this chapter.)
- SOD user conflict specific analytics
- SOD conflict path specific analytics

- SOD conflict analytics by run

SOD User Conflict Specific Analytics

This folder contains the Fact - Global User Conflict. This fact joins with all the dimensions in from Common Dimensions folder, namely the Policy, Run and Time. These dimensions should not be used in combination with any other dimensions as they result in error data. The measures in this fact are related to Global users and are not related to users from the Application user dimension. All measures related to Fact – Global User Conflict are listed in the table Global User Conflict Metrics in the Metrics section.

SOD Conflict Path Specific Analytics

This folder contains the following facts and dimensions:

- **Instance Dimension:**The Instance dimension in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the following folders:
 - SOD Conflict Analytics by Run
 - SOD Conflicts
 - SOD Policy
 - Conditions
 - Path Conditions

Do not use Instance dimension with Fact - Global User Conflict as the metrics defined in this fact are not instance specific.

- **Application User Dimension:**The Application user dimension in SOD Conflict Path Specific Analytics folder should be used only with dimensions and facts in the current folder. The Application User Dimension should not be used with facts and dimensions in folder SOD Conflict Analytics by Run. The Application User Dimension should be used with Fact – Global User Conflict only with reference to the attribute – Global user name.
- **Access Point – Role Dimension:**The Access Point – Role dimension (Role playing version of access point dimension) present in SOD Conflict Path Specific Analytics folder can also be used with dimensions and facts from the current folder and common dimensions only.
- **Access Point – Privileges Dimension:**The Access Point – Privileges dimension (Role playing version of access point dimension) present in SOD Conflict Path

Specific Analytics folder can also be used with dimensions and facts from the current folder and common dimensions only.

- **Entitlement Dimension:** Entitlement is a group of access points in various combinations to define a policy. The entitlement dimension in SOD Conflict Path Specific Analytics should be used specific to this folder. Do not use the entitlement dimension with dimensions and facts from the SOD Conflict Analytics by Run folder.
- **ACG User - Assigned To Dimension:** ACG users are auditors and policy owners. This dimension is used only in SOD Conflict Path Specific Analytics (current folder).
- **Fact - Conflict:** The conflict fact joins with all the dimensions from Common Dimensions folder namely the Policy, Run and Time. All of the measures calculated or derived in the conflict fact are specific to application user specific (Related user) and instance or platform. Only use this fact in combination with any other dimensions in the current folder and common dimensions.

SOD Conflict Analytics By Run

This folder contains the following facts and dimension. These facts and dimensions must be used in combination with Common dimensions only:

- **Previous Run:** The previous run dimension joins with the Fact – Policy Previous Run to provide the previous run details.
- **Time Day - Previous Run Date:** This dimension joins with the Fact – Policy Previous Run to provide the date of the previous run with respect to the current run.
- **Fact - Policy Previous Run:** The measures defined in this fact are with respect to current run (from common dimensions) and previous run (from previous run dimension) combination and also the time dimensions of Time Day - Previous Run Date and Time (from common dimensions).

Subject Area – SOD Policy

The SOD Policy subject area has the following structure.

- **Policy Dimension:** Policy is defined from a group of entitlements and access points in combination. The Policy dimension is used with other dimensions and facts in the current folder.
- **Access Point:** The access point dimension is used with other dimensions and facts in the current folder.

- **Entitlement:** The entitlement dimension is used with other dimensions and facts in the current folder.
- **Instance:** The instance dimension is used with other dimensions and facts in the current folder.
- **Time Day - Policy Date:** This is the role playing version of the time dimension and can be used with other dimensions and facts in the current folder.
- **Fact - SOD Policy:** The SOD Policy fact has measures derived around all the dimensions in this subject area.

Subject Area – SOD Policy Conditions

The SOD Policy Conditions subject area has the following structure.

- Common Dimensions (refer to the Common Dimensions section of this chapter.)
- Conditions
- Path conditions

Conditions

- **Fact - SOD Conditions**
 - Condition Value - That holds value of the exclusions of type users, access point, SOB, OU etc.
 - Condition Value Status- The status mentions if the excluded value is Active, Inactive or NA
 - Condition Type – The condition type explains the type of condition. The type may be Users, Access Point, SOB etc
 - Condition Type Description – This attribute explains the description of condition types.
 - Condition Type Status - This status explains if the condition type is Active, Inactive or NA
 - Policy Count – The number of polices that are associated for this Condition (Type/Value)
 - Access Point Count - The number of access points that are associated for this Condition (Type/Value)

- Application User Count - The number of users that are associated for this Condition (Type/Value)
- Condition Value Effective Start Date- This is the start date for the Exclusion
- Condition Value End Date- This is the end date for the Exclusion
- Conditions Count – The number of exclusions.
- Global Condition Flag – This flag indicates whether exclusion type is excluded at global level or not.
- Policy Same Flag- This flag shows the value of same flag at policy level for an exclusion type. If Policy same flag is 'Yes' then this exclusion is associated with policy.
- Global Condition Value Flag- This flag indicates whether exclusion is excluded at global level or not.
- Global Same Flag- This flag shows the value of same flag at global level for an exclusion type.

- **SOD Condition Type**
 - Exclusion Type Effective Start Date- Exclusion type start date
 - Exclusion Type Effective End Date-Exclusion type end date
 - Condition Type-Exclusion type
 - Condition Type Id-Identifier for a particular exclusion type
 - Condition Type Description-Description for particular exclusion
 - Condition Type Code-Code value for exclusion type
 - Condition Type Status- This status explains if the condition type is Active, Inactive or NA Condition Type Status Code-Code for Condition Type Status

- **SOD Condition Value**
 - Condition Value- Value of Exclusion
 - Condition Value Status-This status explains if the condition value (exclusion value) is Active, Inactive or NA.
 - Condition Value Effective Start Date-Exclusion value start date

- Condition Value Effective End Date-Exclusion value end date
- Condition Value Status Code-Code value for Condition value status
- Condition Value Id-Identifier for Condition value

Path Conditions

- **Access Point Path Conditions**
 - Access Point Description- It explains description of access point which is excluded
 - Access Point Start Date- Start date of Access point which is excluded.
 - Access Point End Date- End date of Access point which is excluded.
 - Access Point Name- It shows Access point name which is excluded
 - Access Point Type- It shows the type of access point which is excluded
- **Access Point**
 - Access Point Name-It shows Access point name.
 - Access Point Type-It shows the type of access point.
 - Access Point Description-It explains description of access point.
 - Access Point Start Date-Start date of Access point.
 - Access Point End Date-End date of Access point.
 - Access Point Code-Code of Access point.
 - Access Point Type Code-Code of Access point type.
- **Access Point – From**
 - Access Point Name – From- It shows Access point name from which it is excluded
 - Access Point Description – From- explains description of access point from which it is excluded
 - Access Point Type – From- It shows the type of access point from which it is excluded

- Access Point Start Date – From- Start date of Access point from which it is excluded
- Access Point End Date – From- End date of Access point from which it is excluded
- Access Point Id – From- Identifier of Access point from which it is excluded.
- Access Point Code – From- Code of Access point from which it is excluded
- Access Point Type Code – From- of Access point type from which it is excluded

- **Application User – From**
 - Global User Name-If user is having existence in more than one application then his unique id/name across all the applications is known as global user name.
 - Related User Name-User's name in a particular application.
 - Related User Id-Identifier for User in the application.
 - Display Name-Name to be displayed in that application.
 - First Name-First name of User in application.
 - Last Name-Last name of user in an application.
 - User Status-This status indicates whether user is active or inactive.
 - User Description- Description of user in an application.
 - Email Address-E-mail address of the user.
 - Employee Id-Employee identifier for user.
 - User Start Date-Start date of user in that application.
 - User End Date-End date of the user in an application.
 - User Effective Start Date - SCD type2 attribute.
 - User Effective End Date - SCD type2 attribute.

- **Fact - SOD Path Conditions**
 - Condition Path Start Date- Start date for path of Exclusion.
 - Condition Path End Date-End date for path of exclusion.

- Condition Path Action-Action for Exclusion.(whether to exclude or not).
- Condition Path Status- this status indicates whether exclusion is active or inactive.
- Access Point Name-Name of Access point which is excluded.
- Access Point Type-Type of Access point which is excluded.
- Access Point Name – From-Name of access point from which it is excluded.
- Access Point Type – From-Type of access point from which it is excluded.
- Instance Name-Name of the instance for which exclusion is there.
- Instance Description-Description of Instance for which exclusion is there.

Metrics

Global User Conflict

Metric	Definition
SOD Policy Count	The count of SOD Policies
Total Conflict Count	This is the total count of SOD conflicts
Global User Count	This is the count of Global users
Run Count	This is the count of run
Month Ago Run Count	This is the count of run a month ago.
Year Ago Run Count	This is the count of run a year ago.
Number of Days Outstanding	The number of days that an SOD conflict has been identified but not resolved.
Approved Conflict Count	This is total the count of approved conflicts
Monitor Conflict Count	This is total the count of monitor conflicts

Pending Conflict Count	This is total the count of pending conflicts
Prevented Conflict Count	This is total the count of prevented conflicts
Rejected Conflict Count	This is total the count of rejected conflicts
Month Ago Total Conflict Count	This is the count of total conflicts a month ago.
Month Ago Approved Conflict Count	This is the count of approved conflicts a month ago.
Month Ago Monitor Conflict Count	This is the count of monitor conflicts a month ago.
Month Ago Pending Conflict Count	This is the count of pending conflicts a month ago.
Month Ago Prevented Conflict Count	This is the count of prevented conflicts a month ago.
Month Ago Rejected Conflict Count	This is the count of rejected conflicts a month ago.
Quarter Ago Total Conflict Count	This is the count of total conflicts quarter ago.
Quarter Ago Approved Conflict Count	This is the count of approved conflicts quarter ago.
Quarter Ago Monitor Conflict Count	This is the count of monitor conflicts quarter ago.
Quarter Ago Pending Conflict Count	This is the count of pending conflicts quarter ago.
Quarter Ago Prevented Conflict Count	This is the count of prevented conflicts quarter ago.
Quarter Ago Rejected Conflict Count	This is the count of rejected conflicts quarter ago.
Year Ago Total Conflict Count	This is the count of total conflicts a year ago.
Year Ago Approved Conflict Count	This is the count of approved conflicts a year ago.
Year Ago Monitor Conflict Count	This is the count of monitor conflicts a year ago.
Year Ago Pending Conflict Count	This is the count of pending conflicts a year ago.
Year Ago Prevented Conflict Count	This is the count of prevented conflicts a year ago.

Year Ago Rejected Conflict Count	This is the count of rejected conflicts a year ago.
----------------------------------	---

Conflict Metrics

Metric	Definition
SOD Policy Count	The count of SOD Policies
Total Conflict Path Count	The count of total Conflict paths.
Entitlement Count	The count of entitlements.
Application User Count	The count of Application User.
Run Count	The count of runs.
Month Ago Run Count	The count of runs a month ago.
Year Ago Run Count	The count of runs a year ago.
Number of Days Outstanding	The number of days that an SOD conflict has been identified but not resolved.
Role Count	The count of roles.
Privilege Count	The count of privileges.
Assigned To User Count	The count of assigned to users.
Approved Conflict Path Count	The count of approved conflict paths.
Monitor Conflict Path Count	The count of Monitor conflict paths.
Pending Conflict Path Count	The count of Pending conflict paths.
Prevented Conflict Path Count	The count of Prevented conflict paths.
Rejected Conflict Path Count	The count of Rejected conflict paths.
Month Ago Total Conflict Path Count	The count of total conflict paths a month ago.

Month Ago Approved Conflict Path Count	The count of Approved conflict paths a month ago.
Month Ago Monitor Conflict Path Count	The count of Monitor conflict paths a month ago.
Month Ago Pending Conflict Path Count	The count of Pending conflict path a month ago.
Month Ago Prevented Conflict Path Count	The count of Prevented conflict paths a month ago.
Month Ago Rejected Conflict Path Count	The count of Rejected conflict paths a month ago.
Quarter Ago Total Conflict Path Count	The count of total conflict path paths a quarter ago.
Quarter Ago Approved Conflict Path Count	The count of total conflict path a quarter ago.
Quarter Ago Monitor Conflict Path Count	The count of Monitor conflict paths a quarter ago.
Quarter Ago Pending Conflict Path Count	The count of Pending conflict paths a quarter ago.
Quarter Ago Prevented Conflict Path Count	The count of Prevented conflict paths a quarter ago.
Quarter Ago Rejected Conflict Path Count	The count of Rejected conflict paths a quarter ago.
Year Ago Total Conflict Path Count	The count of total conflict paths a year ago.
Year Ago Approved Conflict Path Count	The count of Approved conflict paths a year ago.
Year Ago Monitor Conflict Path Count	The count of Monitor conflict paths a year ago.
Year Ago Pending Conflict Path Count	The count of Pending conflict paths a year ago.
Year Ago Prevented Conflict Path Count	The count of Prevented conflict paths a year ago.

Year Ago Rejected Conflict Path Count	The count of Rejected conflict paths a year ago.
Conflict Count	This is a distinct count of user surrogate key and policy surrogate key.

Policy Previous Run Metrics

Metric	Definition
Approved Conflict Path Count	The count of Approved conflict paths for the current run.
Monitor Conflict Path Count	The count of Monitor conflict paths for the current run.
Pending Conflict Path Count	The count of Pending conflict paths for the current run.
Prevented Conflict Path Count	The count of Prevented conflict paths for the current run.
Rejected Conflict Path Count	The count of Rejected conflict paths for the current run.
Total Conflict Count	This is the total conflicts for the current run.
Approved Conflict Count	This is the approved conflicts for the current run.
Monitor Conflict Count	This is the Monitor conflicts for the current run.
Pending Conflict Count	This is the Pending conflicts for the current run.
Prevented Conflict Count	This is the Prevented conflicts for the current run.
Rejected Conflict Count	This is the Rejected conflicts for the current run.
Total Conflict Path Count	This is the total conflict paths for the current run.
Previous Run Total Conflict Count	This is the count of total conflicts for previous run.
Previous Run Approved Conflict Count	This is the count of Approved conflicts for previous run.

Previous Run Monitor Conflict Count	This is the count of Monitor conflicts for previous run.
Previous Run Pending Conflict Count	This is the count of Pending conflicts for previous run.
Previous Run Prevented Conflict Count	This is the count of Prevented conflicts for previous run.
Previous Run Rejected Conflict Count	This is the count of Rejected conflicts for previous run.
Previous Run Total Conflict Path Count	This is the count of Total conflicts for previous run.
Previous Run Approved Conflict Path Count	This is the count of Approved conflict paths for previous run.
Previous Run Monitor Conflict Path Count	This is the count of Monitor conflict paths for previous run.
Previous Run Pending Conflict Path Count	This is the count of Pending conflict paths for previous run.
Previous Run Prevented Conflict Path Count	This is the count of Prevented conflict paths for previous run.
Previous Run Rejected Conflict Path Count	This is the count of Rejected conflict paths for previous run.
Latest Policy Run Flag	The flag indicates if a run is latest for a given Policy (Y/N) The flag is derived on Policy Id and the run surrogate key (not on Policy Surrogate Key).

SOD Policy Metrics

Metric	Definition
Total Policy Count	The total count of SOD Active Policies
Policy Count	The count of SOD active Policies
Entitlement Count	The count of Entitlement

Access Point Count	The count of Access Point
Instance Count	The count of Instance
Process Count	The count of Process
Risk Count	The count of Risk
Month Ago Policy Count	This is the count of policies a month ago.
Month Ago Entitlement Count	This is the count of Entitlement a month ago.
Month Ago Access Point Count	This is the count of Access Point a month ago.v
Month Ago Instance Count	This is the count of Instance a month ago.
Quarter Ago Policy Count	This is the count of policies a Quarter ago.
Quarter Ago Entitlement Count	This is the count of Entitlement a Quarter ago.
Quarter Ago Access Point Count	This is the count of Access Point a Quarter ago.
Quarter Ago Instance Count	This is the count of Instance a Quarter ago.
Year Ago Entitlement Count	This is the count of Entitlement a Year ago.
Year Ago Access Point Count	This is the count of Access Point a Year ago.
Year Ago Policy Count	This is the count of policies a Year ago.
Year Ago Instance Count	This is the count of Instance a Year ago.

SOD Conditions Metrics

Metric	Definition
Policy Count	The number of polices that are enforced with this Condition (Type/Value)

Access Point Count	The number of access points that participated with this Condition (Type/Value)
Application User Count	The number of users that participated with this Condition (Type/Value)
Conditions Count	This measure provides the number of Condition Types available that can be applied for a policy or set of policies.

Common SOD Dimensions

There is a common dimension folder in the following subject areas:

- Subject Area – SOD detail: The common dimensions are Policy, Run and Time
- Subject Area – SOD Conflicts: The common dimensions are Policy, Run and Time
- Subject Area – SOD Policy Conditions: The common dimensions are Policy, Run, Instance and Access Point

Using Common Dimensions

The common dimensions include Run, Policy and Time. These dimensions can be used across all the other folders. For example, you can use Policy dimension from Common dimensions folder with facts and dimensions in Conditions folder. You should only use the common dimensions with any one of the other folders. For example, you should not select dimensions from Common Dimensions, Conditions and also Path conditions. You should use dimensions from Common Dimensions and Conditions or dimensions from Common Dimensions and Path Conditions.

- **Policy Dimension:** Policy is defined from a group of entitlements and access points in combination. The Policy dimension is used with dimensions and facts from all the folders.
 - SOD user conflict specific analytics
 - SOD conflict path specific analytics
 - SOD Conflict Analytics by Run
 - SOD Conflicts
 - SOD Policy

- Conditions
- Path Conditions
- **Run Dimension:** The run dimension is used with dimensions and facts from all the folders. Do not use the run dimensions with folder SOD Policy.
 - SOD user conflict specific analytics
 - SOD conflict path specific analytics
 - SOD Conflict Analytics by Run
 - SOD Conflicts
 - Conditions
 - Path Conditions
- **Time Dimension:** The time dimension is used with dimensions and facts from all the folders.
 - SOD user conflict specific analytics
 - SOD conflict path specific analytics
 - SOD Conflict Analytics by Run
 - SOD Policy
 - Conditions
 - Path Conditions

SOD Conditions

AACG enforces conditions for a policy or a set of policies:

- **Policy level conditions** - The conditions are applied using the Same flag for the policies. This is the policy level conditions. The Same flag can hold values (Yes, No) to be set on the condition type for a policy.
- **Global level conditions** - Enforces a condition across all polices using the global condition as they are enforced on a given instance (EBS or Peoplesoft).
- **Global path conditions** - Enforces conditions at the path level. For example, we can set conditions for one access point with reference to another access point or user.

These are called global path conditions. Global conditions refer to conditions that are not based on a policy.

In GRI, you can report on condition that is set for a policy at:

- Condition Type level (For E.g. Access Point, User, SOB, OU etc)
- Condition Value level (For E.g. Values of Access Point, User, SOB, OU etc)
- Condition Paths (Apply condition on an Access point with respect to another access point or users)

Flags in the reports show how the conditions are applied in AACG:

- **Policy Same Flag** – In the reports we use this flag to indicate that the Same flag in the AACG application is applied for a policy with Condition type. If the Policy Same Flag is set to 'Yes' it means that for a policy, the same flag in AACG has value set to 'Yes' for the associated Condition type.
- **Global Same Flag** – In the reports we use this flag to indicate that the Same flag in the AACG application is applied for a Condition type that spans across all policies. We do not associate any single policy for the Condition type. If the Global Same Flag is set to 'Yes' it means that the same flag in AACG has value set to 'Yes' for the Condition type. This condition type is applied across all policies.
- **Global Condition Flag** – This flag indicates whether condition type is excluded at global level or not. In the reports, we use this flag to indicate that the Same flag in the AACG application is applied for a Condition type that spans across all policies. The difference between Global Same Flag and Global Condition Flag is that Global Same Flag contains value of same flag across all the polices while the Global Condition Flag mentions that If the condition type is excluded globally or not.
- **Global Condition Value Flag** - This flag indicates whether condition value is excluded at global level or not. In the reports, we use this flag to indicate that the Same flag in the AACG application is applied for a Condition value that spans across all policies.

Using Start and End Dates for Conditions

Using the start and end dates we capture when the Condition Value is applied for a policy or is removed from a policy, or again introduced for a policy. If a condition value/type is applied for a policy, the start date has the date when the condition was effective for a policy and end date has an infinite date. If the applied condition value/type is removed from the policy, then the end date is updated from infinite date to the date when the condition value/type is removed from the policy. Again, if the condition is applied for a policy, a new row is created with the start date has the date when the condition was effective for a policy and end date has an infinite date.

To see the dates in the reports use the following attributes:

- Condition Value Start Date
- Condition Value End Date
- Condition Type Start Date
- Condition Type End Date

Conditions Metrics

The following metrics are specific to the Conditions and Path conditions:

- Policy Count – The number of policies that are enforced with this Condition (Type/Value)
- Access Point Count - The number of access points that participated with this Condition (Type/Value)
- Application User Count - The number of users that participated with this Condition (Type/Value)
- Conditions Count – This measure provides the number of Condition Types available that can be applied for a policy or set of policies.

SOD Path Conditions

This is applicable at the access point level. Here the access point is excluded from another access point or user. All path conditions are set at the global level or instance level. The action is set to 'Excluded' this means that the access point is excluded from the related user or access point. The status is set to 'Active' or 'Inactive'. This means that the condition is 'Active' or 'Inactive'. The Condition Path Start Date and Condition Path End Date attributes explain when the path condition was set for an access point.

In AACG application, you can create global path conditions. Each excludes one access point from another, such as an Oracle function from a menu or a responsibility. A path including those points would be excluded from conflict generation. If, for example, a global path condition excluded function1 from responsibility1, an access policy set function1 in conflict with function2, and a user had access to both functions, no conflict would occur if the user's access to function1 came from responsibility1.

This information can be viewed in our reports by using the facts and dimension in the Path Conditions folder.

Modifying Reports and Dashboards

This chapter covers the following topics:

- Modifying Report Titles
- Creating Report Prompts
- Modifying Charts
- Creating Formulas within Reports
- Modifying Tables
- Modifying Pivot Tables
- Conditional Formatting
- Modifying Data Formats
- Using Filters
- Printer Friendly Reporting
- Supported Languages
- Modifying Dashboards

Modifying Report Titles

To modify a report title:

1. Select the Modify link on any report.
2. Select the Results tab.
3. From the drop down menu, choose Title.
4. You can edit the report title, subtitle or image.

The screenshot shows the 'Criteria' tab of the Oracle BI Answers interface. The report title is 'Risk Heat Map - Business Processes'. The 'Title' field is empty. The 'Logo' field contains the text 'fmap:Images/report_activities.jpg'. Below the logo field is a note: 'Optional - URL of a title image. Note: When running in a secured environment, only resources that are located on the Oracle BI Presentation Server may be used. These resources are referenced using a relative path prefixed with "fmap:".' The 'Subtitle' field is empty. The 'Started Time' dropdown is set to 'Do not display'. The 'Help URL' field is empty. At the bottom, the 'Display Results' checkbox is checked.

5. Select the Save icon when you are finished making changes to your title.

Tips on Modifying Report Titles

- The name you give the report when you save it is the title that will be displayed when the report is executed.
- When saving your report, enter a description for the report. The description appears as a tooltip when you "hover" the mouse over the report title in Answers and on Dashboards.
- If your chart or table is drillable, add a subtitle such as "(Drill on chart for details)"
- If desired, set the 'Started Time' to 'Display date & time'. Note that this may not always be desirable and can clutter up the title.
- Adding an image to a report:
 - Image names are always prefixed with "fmap:Images/"
 - The image should appear to the left of the title.

To add an image to the report, find the image you wish to use in the following table, then enter that image's reference in the Logo field.

Image	Logo Field Entry "fmap:Images/_"	Image	Logo Field Entry "fmap:Images/_"
	fmap:Images/report_account_appl.jpg		fmap:Images/report_good_value.jpg
	fmap:Images/report_activities.jpg		fmap:Images/report_household.jpg
	fmap:Images/report_agreements.jpg		fmap:Images/report_insurance_Policy.jpg
	fmap:Images/report_automotive1.jpg		fmap:Images/report_insuranceClaim.jpg
	fmap:Images/report_automotive2.jpg		fmap:Images/report_tradefund.jpg
	fmap:Images/report_bad_percentage.jpg		fmap:Images/report_investigative.jpg
	fmap:Images/report_bad_progress.jpg		fmap:Images/report_invoices.jpg
	fmap:Images/report_bottomN.jpg		fmap:Images/report_location.jpg
	fmap:Images/report_bad_value.jpg		fmap:Images/report_medicalResearch.jpg
	fmap:Images/report_bankAccount.jpg		fmap:Images/report_mktShare.jpg
	fmap:Images/report_bankBalances.jpg		fmap:Images/report_order.jpg
	fmap:Images/report_call.jpg		fmap:Images/report_phone.jpg
	fmap:Images/report_callcenter.jpg		fmap:Images/report_pillcount.jpg

	fmap:Images/report_cautionary_percentage.jpg		fmap:Images/report_pipeline.jpg
	fmap:Images/report_cautionary_progress.jpg		fmap:Images/report_reportsCatalog.jpg
	fmap:Images/report_cautionary_value.jpg		fmap:Images/report_retailAudit.jpg
	fmap:Images/report_comm1.jpg		fmap:Images/report_salesrep.jpg
	fmap:Images/report_comm2.jpg		fmap:Images/report_scorecard.jpg
	fmap:Images/report_cust_sat.jpg		fmap:Images/report_service_profitability.jpg
	fmap:Images/report_email.jpg		fmap:Images/report_serviceRequest.jpg
	fmap:Images/report_expiration.jpg		fmap:Images/report_targetActual.jpg
	fmap:Images/report_forecasting.jpg		fmap:Images/report_tradepromo.jpg
	fmap:Images/report_generic.jpg		fmap:Images/report_trends.jpg
	fmap:Images/report_salesVolume.jpg		fmap:Images/report_universal_queue.jpg
	fmap:Images/report_geographical.jpg		fmap:Images/report_win_lossDeals.jpg
	fmap:Images/report_good_percentage.jpg		
	fmap:Images/report_good_progress.jpg		
	fmap:Images/report_topN.jpg		

Creating Report Prompts

Use prompts to obtain user input before showing the report. To create a report prompt:

1. Select the Modify link on any report.
2. Select the Prompts tab.
3. From the Create Prompt menu, choose one of the following:
 - Column Filter Prompt: A column filter prompt provides general filtering of a column within a request. A column filter prompt can present all choices for a column, or it can present constrained choices for a column. For example, if a request contains a Region=East filter, constraining choices for the City column restricts the selections to cities in the East region only. This eliminates the selection of a mutually exclusive filter that could result in no data.

Column Filter Prompt Properties

Caption

Description

Filter on Column

Operator

How should the user choose a value or values?

Select it from a drop-down list

Browse through choices and/or type in directly

Single Value Only

What values should be shown to the user?

None

All Values

Limited Values

SQL Results

(The values returned by this SQL statement)

Other options

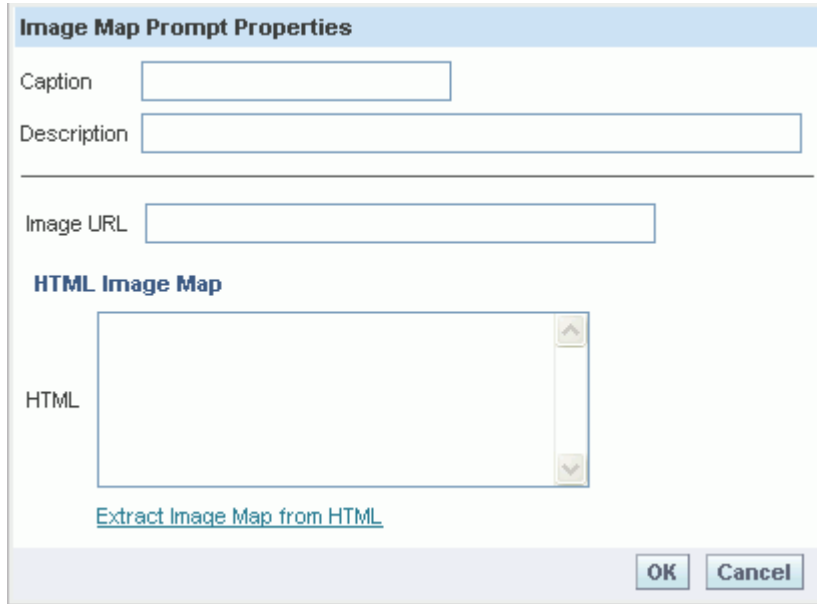
Choices per page

(leave blank for automatic setting)

Allow user to constrain choices

Allow user to skip prompt

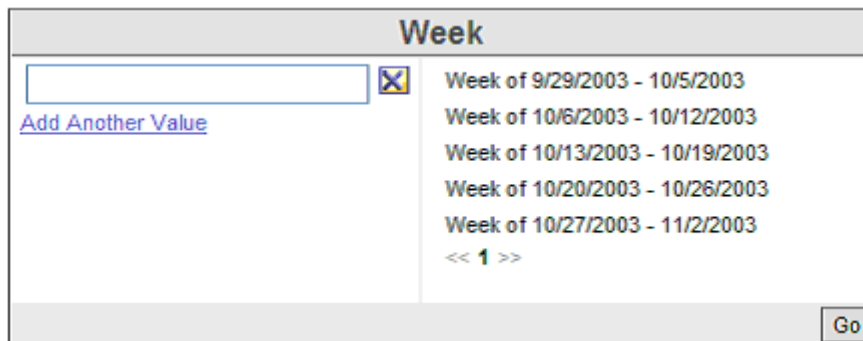
- **Image Prompt:** An image prompt provides an image that users click to select criteria for a request. For example, in a sales organization, users can click their territories from an image of a map to see sales information, or click a product image to see sales information about that product. Users who know how to use the HTML <map> tag can create an image map definition.



4. Select the Save icon when you are finished creating your report prompt.

Tips on Creating Report Prompts

- Prompts allow the user to provide input which filters large amounts of information in order to get meaningful output.
- Example of a Column Filter Prompt as it would appear in a report:

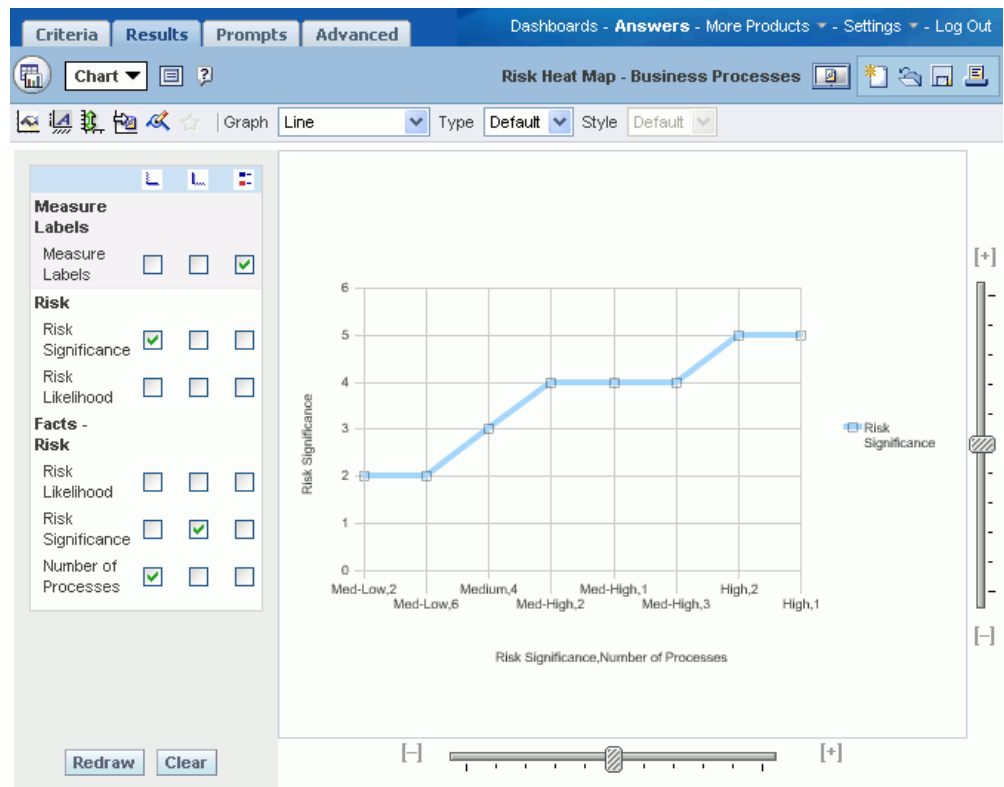


Modifying Charts

To modify a chart:

1. Select the Modify link on any report.

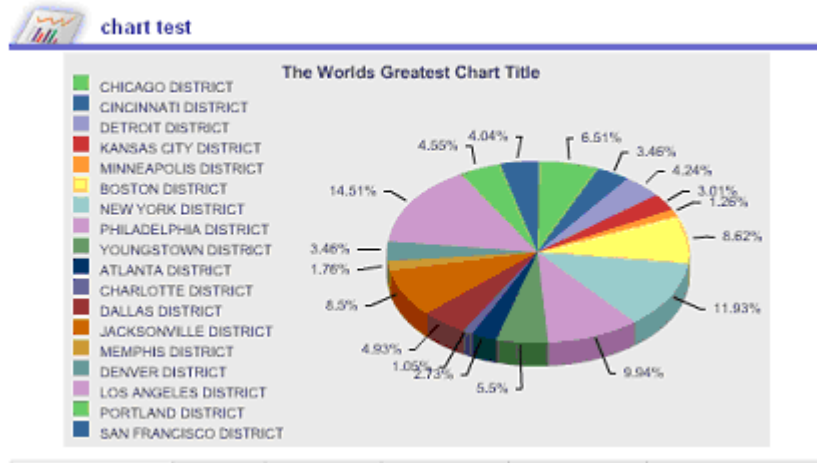
2. Select the Results tab.
3. From the drop down menu, choose Chart.



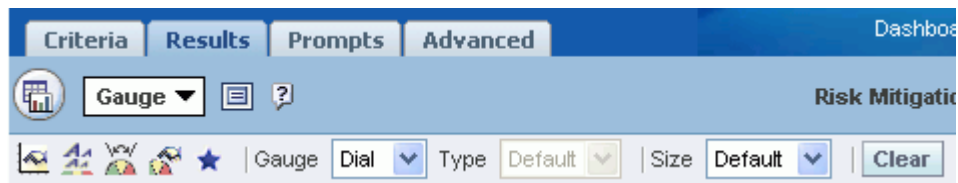
4. Make changes as appropriate.
5. Select the Save icon when you are finished making changes to your chart.

Tips on Modifying a Chart

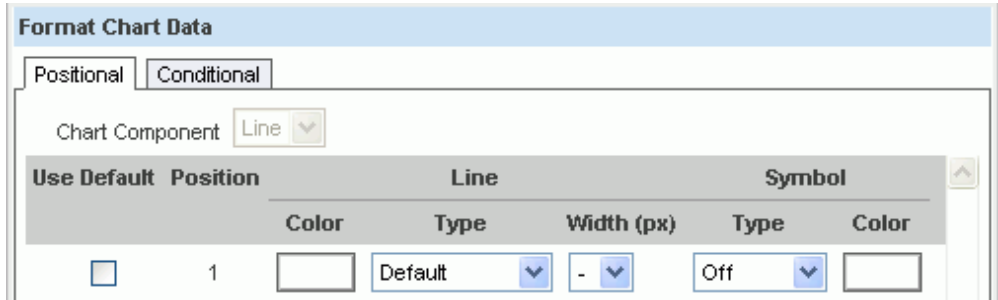
- When creating a report that will show a chart, include only the columns that you need to render the chart. Columns included in the criteria but not shown are still run and aggregated, which can adversely affect performance.
- Leave the chart size as initially displayed. Generally, the chart should be the size needed to successfully achieve its purpose. It is okay if a summary chart is smaller than a detailed one. Charts of different sizes will also lend some visual interest to the page.
- In general, a light background color on a chart can add emphasis to the chart and visual interest to a page. For example:



- If displaying multiple charts in a report, enter a title for each chart for better usability.
- Place legends in the appropriate location for the chart type displayed. As horizontal space is usually the limiting dimension, a top or bottom location often works best. This should be applied consistently by page.
- Include axis titles where necessary.
- Try to mix use of different chart types, for example, Vertical Bar, Horizontal Bar, Line Bar Combo, and Pareto. Variety is good, but use the chart types which are best suited to illustrate different types of data. For example, use lines for trends, bars for comparison between series, stacked to show contributions to a whole.
- If using many Vertical Bar or Horizontal Bar graphs, try to mix use of different styles, such as Rectangle, Cylinder and Gradient.
- Make charts to further detail reports, but try to keep drilling to 2 levels (parent report to child report) to prevent confusing navigation.
- For gauges, use the default colors and gauge attributes:



- For Line Graphs or Line Bar Combo Graphs, turn off line symbols:



Creating Formulas within Reports

Avoid creating new formulas within reports (for example, CASE statements or calculations), instead, define formulas as metrics. This prevents the need to recreate metrics that can be reused in other reports.

Modifying Tables

To modify a table:

1. Select the Modify link on any report.
2. Select the Results tab.
3. From the drop down menu, choose Table.
4. Make changes as appropriate.

Account Level 2 Name	Process Type	Control Type	RiskType	Count of Control Tests	Failed Control Count	Failed Control %	Period Name
Accounting	Process	Corrective	Financial Fraud	3	2	66.67%	Y2008Q1
Accounting	Process	Detective	Financial Fraud	3	2	66.67%	Y2008Q1
Accounting	Process	Preventive	Financial Fraud	6	3	50.00%	Y2008Q1
Accounting	Process	Preventive	Regulatory Compliance	1	1	100.00%	Y2008Q1

5. Select the Save icon when you are finished making changes to your table.

Tips on Modifying Tables

- When creating a report, always place the parent attribute in the left-outer-most column followed by the respective children in hierarchical order.
- If an Enterprise Analytics Applications has Logical Column Names that are identical within the same Subject Area, rename and prefix both columns so end-users can differentiate between the two columns (for example, Finished Goods Product Name and BOM Product Name).
- For large tables with many columns and rows, use bar shading to make the table more readable. Note, however, that in some cases, the addition of the shaded bar format will render a table less usable if the grouping with the value suppression option is turned off.

The screenshot shows the 'Edit View' dialog box with the following settings:

- Paging Controls: Bottom
- Rows per Page: 10
- Display Column & Table Headings: Only column headings
- Enable alternating row "green bar" styling:
- Enable column sorting in Dashboards:

The 'Cell' section includes:

- Horizontal Alignment: Default
- Vertical Alignment: Default
- Background Color: (empty)

The 'Border' section includes:

- Position: Default
- Border Style: Default
- Border Color: (empty)

At the bottom, there is an 'Additional Formatting Options' section and 'OK' and 'Cancel' buttons.

- Left-justify labels if displaying labels in a column.
- Change the number of records displayed to vary the height of a table. The default is 25 rows per page.
- Select the Table View Properties button to enable column sorting in Dashboards. Column sorting in Dashboards works best when there is a small set of records (fewer than 100) in an analysis.

Edit View

Paging Controls Bottom

Rows per Page

Display Column & Table Headings Only column headings

Enable alternating row "green bar" styling

Enable column sorting in Dashboards

Cell

Horizontal Alignment Default Background Color

Vertical Alignment Default

Border

Position Default Border Style Default

Border Color

[Additional Formatting Options](#)

Modifying Pivot Tables

To modify a Pivot table:

1. Select the Modify link on any report.
2. Select the Results tab.
3. From the drop down menu, choose Pivot Table.
4. Make changes as appropriate.

	Low Likelihood	Medium Likelihood	High Likelihood	Extreme Likelihood
Risk Significance	Control Issues	Control Issues	Control Issues	Control Issues
Med-Low	1	1		
Med-High	1	1	5	
Medium		5		
High				5

5. Select the Save icon when you are finished making changes to your pivot table.

Tips on Modifying Pivot Tables

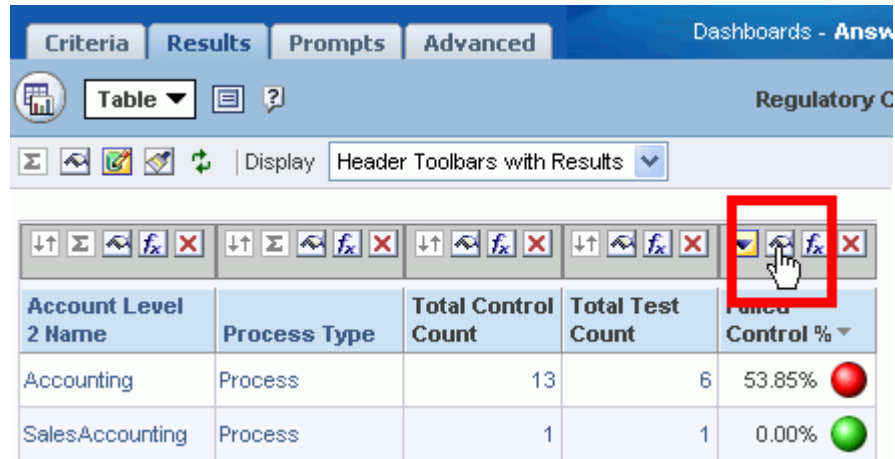
- When creating the criteria for a pivot table, only include the columns that you absolutely require to render the pivot table.
- Conditional formatting is carried over to pivot tables except for conditional formatting based on another column. Conditions must be based on the column to which they apply.
- Use the pivot table functionality to create "% of total" columns where needed.
- Make creative use of pivot tables. Create mini pivot tables as summary tables on top of a report.

Conditional Formatting



To add conditional formatting to a table:

1. Select the Modify link on any report.
2. Select the Results tab.
3. From the drop down menu, choose Table.

4. Select the Column Properties button.



The screenshot shows a software interface with a table. The table has the following data:

Account Level 2 Name	Process Type	Total Control Count	Total Test Count	Failed Control %
Accounting	Process	13	6	53.85% 
SalesAccounting	Process	1	1	0.00% 

5. Make changes as appropriate on the Conditional Format tab. Refer to the online help for details.
6. Select the Save icon when you are finished making changes.

Tips on Conditional Formatting

- If you use graphics, remember to use the "null" images for the conditions that are not met, so alignment of text and numbers is preserved. In the following example, when there are no failed controls, a green circle is displayed, which keeps the column properly aligned.

Regulatory Compliance Status
(Drill on dimension to see detail information)

Account Level 2 Name v

Account Level 2 Name	Process Type	Total Control Count	Total Test Count	Failed Control % v	Period Name
Accounting	Process	13	6	53.85% ●	Y2008Q1
SalesAccounting	Process	1	1	0.00% ●	Y2008Q1
Accounting	Process	1	1	0.00% ●	Y2008Q3
Accounting	Process	1	1	0.00% ●	Y2005Q1
Accounting	Process	7	5	0.00% ●	Y2008Q2

[Modify](#) - [Refresh](#) - [Download](#) - [Add to Briefing Book](#)

- Display legends to explain the conditional formatting using the Legend option.

Criteria Results Prompts Advanced Dashboards - Answers - More Products - Settings - Log Out

Legend Controls Summary

Captions Right Legend items per row 3

Title

Items

1.	2.	3.
<input type="text"/>	Control Failures > 50%	●
<input type="text"/>	Control Failures > 25%	●
<input type="text"/>	Control Failures < 25%	●

[Add Item](#)

Display Results

Control Failures > 50% Control Failures > 25% Control Failures < 25%

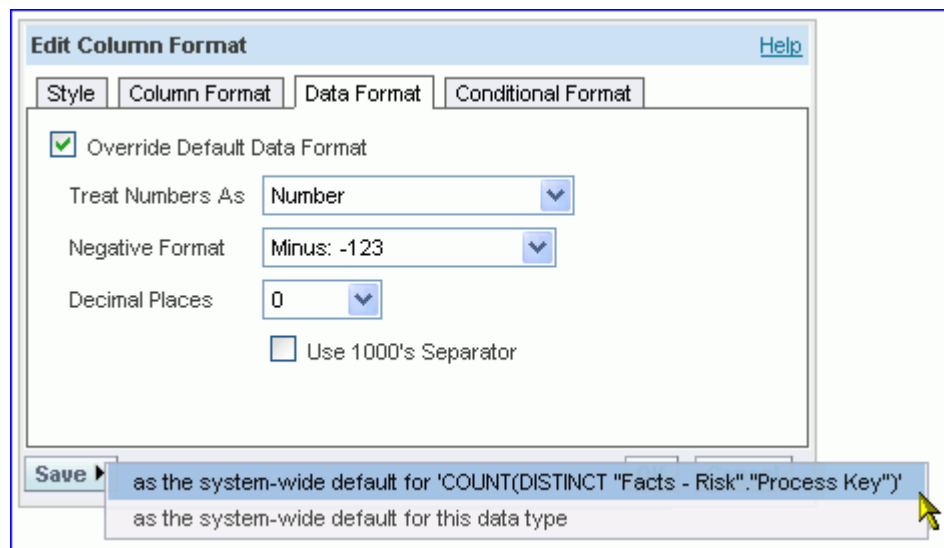
- Conditional formatting allows conditions on other columns in your report, not just the column with the formatting. For example, if you are doing comparisons with historical data, you can try using the red down arrows and blue up arrows to indicate trends.

Modifying Data Formats

To modify data formats in a table:

1. Select the Modify link on any report.

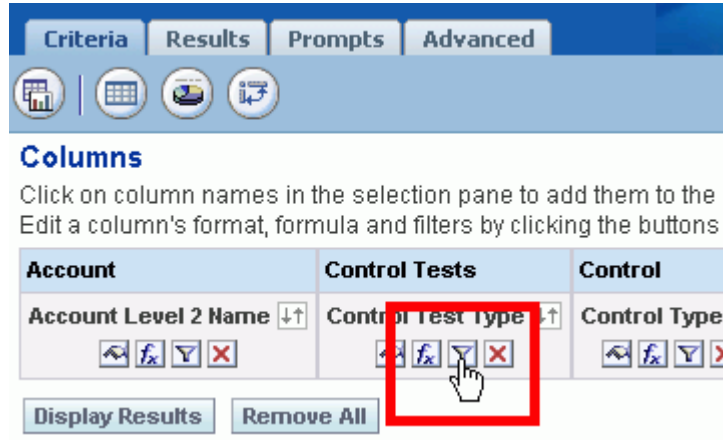
2. Select the Results tab.
3. From the drop down menu, choose Table.
4. Select the Column Properties button.
5. Make changes as appropriate on the Data Format tab. Refer to the online help for details.
6. **Important:** When you select the Save button, make sure that you save as the system-wide default for your specific metric. Do not save as the system-wide default for this data type; this can cause formatting of other metrics to change and can cause a lot of rework. For example:



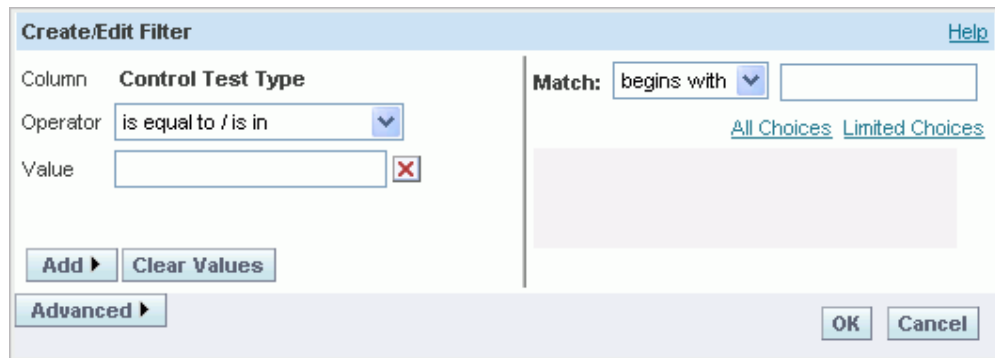
Using Filters

To add a filter to a report:

1. Select the Modify link on any report.
2. Select the Criteria tab.
3. To add a new filter, select the Filter button for the appropriate column.



4. Make changes as appropriate.



5. Select Ok when you are done making changes, then save your work.

Tips on Using Filters

- For dynamic data, analyses should only contain "Is Prompted" filters (that is, nothing should be hard-coded).
- Saved filters should be used when you wish to filter a lot of reports by a set number of filtered columns. For example, if you wish to filter to the current year, create then reference a Shared Filter called "Current Year" instead of Year = 2008, or create a Shared Filter called "Current Year Prompted" instead of Year is prompted.
- Try to include column selectors in your reports. Add labels for column filters, such as "Select View". For example:

Controls Count - Summary

Select **Dimension** Account Level 2 Name Select **Metric** Key Control Count

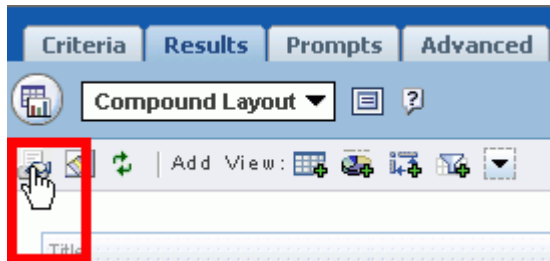
- To use repository variables in your filters, select Add -> Variable in the Create/Edit Filter screen, then enter the variable name. The following is a list of repository variables that you can use in your filters:
 - CURRENT_DAY
 - CURRENT_FSCL_MONTH
 - CURRENT_FSCL_QUARTER
 - CURRENT_FSCL_YEAR
 - CURRENT_FSCL_WEEK
 - CURRENT_JULIAN_DAY_NUM
 - CURRENT_MONTH
 - CURRENT_QUARTER
 - CURRENT_YEAR
 - CURRENT_WEEK
 - LAST_REFRESH_DT
 - NEXT_FSCL_MONTH
 - NEXT_FSCL_QUARTER
 - NEXT_FSCL_YEAR
 - NEXT_FSCL_WEEK
 - NEXT_MONTH
 - NEXT_QUARTER
 - NEXT_YEAR
 - NEXT_WEEK

- PREVIOUS_FSCL_MONTH
- PREVIOUS_FSCL_QUARTER
- PREVIOUS_FSCL_YEAR
- PREVIOUS_FSCL_WEEK
- PREVIOUS_MONTH
- PREVIOUS_QUARTER
- PREVIOUS_YEAR
- PREVIOUS_WEEK

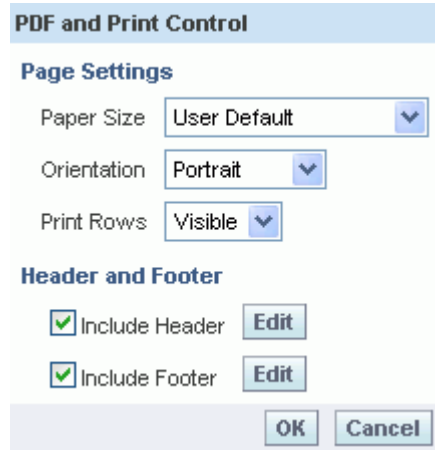
Printer Friendly Reporting

Add Global Header and Footer to reports that you expect a user to print. To add a header and footer:

1. Select the Modify link on any report.
2. Select the PDF and Print Control button.



3. Select the Include Header and/or Include Footer check boxes.
4. Select the Edit button to specify how you want the header or footer to appear.



5. Select the Save icon when you are finished making changes.

Supported Languages

GRC Manager supports multiple languages in the user interface, where a user can override the default language through User Preferences. The languages delivered with GRC Manager include:

- Chinese Simplified
- Chinese Traditional
- Danish
- English US
- French
- French-Canadian
- German
- Italian
- Japanese
- Korean
- Portuguese
- Spanish

The administrator has the ability to change the display text by language, which is

modified via Administrative Tools.

Modifying Dashboards

To modify a dashboard, select Edit Dashboard from the Page Options menu. When modifying a dashboard, keep the following suggestions in mind:

- On a Dashboard page with multiple columns and rows, summarized analyses are typically shown first. End-users should be able to quickly view a summarized analysis, uncover a problem or opportunity and drill-down into details.
- Try not to place too many reports per dashboard. Remember that performance will suffer if there are a large number of reports embedded within a dashboard.
- Try to make dashboards look symmetric both vertically and horizontally. For example, fill available space, but leave some white space between content.
- To provide variety in Dashboard layout, use the "Insert Column Break" function on a column to obtain spanning columns. Or, use the "Horizontal Alignment" option for a section; this distributes a section's content horizontally as opposed to vertically.
- Enter descriptions for dashboards and pages. Descriptions appear as tooltips when you hover the mouse over the dashboard links in the top banner and page tabs.
- Remember to add links to Modify, Refresh, Download and Print to your reports.

Index

A

Accounts Lacking Mitigating Controls Report, 2-15
Assessments - Completion Due Date Report, 2-10, 2-39
Assessment Status By Process Owner Report, 2-11
Audit and Process Test Issues Report, 2-22, 2-38

B

BI Publisher Reports, 2-41

C

Certifications Activities Tab, 2-11
Certifications By Process - Current and Prior Year Report, 2-9
Certifications Dashboard, 2-8
Certifications Overview Tab, 2-9
Certification Status Report, 2-4
Charts, modifying, 5-6
Conditional formatting, 5-12
Control Failure By Process Report, 2-20
Controls Activities Tab, 2-17
Controls Count - Summary Report, 2-17
Controls Dashboard, 2-13
Controls Overview Tab, 2-13
Controls Summary Report, 2-5, 2-13
Controls Test Failures Report, 2-19, 2-40
Control Test Summary Report, 2-7, 2-17, 2-36

D

Dashboard options, 1-1
Dashboards, 1-1
Dashboards, modifying, 5-20
Data Formats, 5-14
Design and Operating Effectiveness by Control Report, 2-12
Design and Operating Effectiveness by Process Report, 2-9

F

Filters, 5-15
Formatting, conditional, 5-12
Formulas, creating in reports, 5-9

G

GRC Activities Tab, 2-5
GRC Overall Tab, 2-1
GRC Overview Dashboards, 2-1

H

High Risk Processes Report, 2-30
High Risk Processes With Issues Report, 2-32
High Risk Processes With No Controls Tested Report, 2-35

I

Issues Activities Tab, 2-24
Issues by Materiality Report, 2-26
Issues By Owner Report, 2-25

Issues Dashboard, 2-21
Issues - Deficiencies Summary Report, 2-21
Issues Overview Tab, 2-21
Issues Requiring Remediation Report, 2-24
Issues Scorecard Summary Report, 2-8, 2-23
Issues Trends Report, 2-27

L

Language
support, 5-19

M

Manual versus Automated Control and Risk
Rating Comparison Report, 2-16, 2-30

N

Negative Reviewer Certification Responses By
Process Id Report, 2-11
Non-Compliant Processes Report, 2-5
Number of Controls By Risk Type and
Significance Report, 2-34
Number of Controls Failures By Risk Type
Report, 2-18, 2-29

P

Pivot Tables, modifying, 5-11
Processes With Control Issues Report, 2-14
Processes With Risk and Control Issues Report,
2-24

R

Regulatory Compliance Status Report, 2-4
Report Prompts, creating, 5-4
Reports, formulas in, 5-9
Reports, printing, 5-18
Report Titles, modifying, 5-1
Repository Modeling for SOD, 4-1
Repository Modeling for SOD Conflicts, 4-4
Repository Modeling for SOD Detail, 4-2
Repository Modeling for SOD Policy, 4-6
Repository Modeling for SOD Policy Conditions,
4-7
Risk Activities Tab, 2-32
Risk by Process Owners Report, 2-33
Risk Dashboard, 2-28

Risk Heat Map - Business Processes Report, 2-1
Risk Heat Map - Control Issues Report, 2-3
Risk Heat Map - Controls Report, 2-2
Risk Heat Map - Process Issues Report, 2-2
Risk Mitigation By Risk and Process Type
Report, 2-28
Risk Overview Tab, 2-28
Risks by Process - Issues Aging Report, 2-6, 2-31

S

SOD Conditions, 4-19
SOD Dimensions, common, 4-18
SOD Path Conditions, 4-21
SOD Policy - Auditor Dashboards, 3-8
SOD Policy - Auditor Details Dashboard, 3-12
SOD Policy - Auditor Overview Dashboard, 3-8
SOD Policy Conflicts Dashboards, 3-24
SOD Policy Conflicts Detail Dashboard, 3-28
SOD Policy Conflicts Overview Dashboard, 3-24
SOD Policy Dashboards, 3-1
SOD Policy Details Dashboard, 3-4
SOD Policy Overview Dashboard, 3-1
SOD Policy - Owner Dashboards, 3-16
SOD Policy - Owner Details Dashboard, 3-20
SOD Policy - Owner Overview Dashboard, 3-16

T

Tables, modifying, 5-9
Tables, pivot, 5-11
Test Coverage - Current and Prior Year Report,
2-37
Testing Activities Tab, 2-40
Testing Cycle Time - Test Owner Report, 2-40
Testing Dashboards, 2-36
Testing Overview Tab, 2-36
Tests Completed By Test Owner - Current and
Prior Year Report, 2-40