



Segregation of Duties Remediation for Infor-Lawson Software





Agenda

Segregation of Duties Remediation for Infor-Lawson Software

Compliance Dashboard

About Us

Objectives

Solution

Committed to your success.

Founded in 1983, Kinsey has provided software sales, implementation, support and development for 32 years.

Lawson reseller and implementation partner since 1997.

Lawson certified systems integrator partner.

Lawson complementary software partner.

Lawson's "Go to" implementation partner for public sector.

Provide complementary Lawson software products.



Objectives

Segregation of Duties Remediation for Infor-Lawson Software

Identify and Resolve Segregation of Duties Conflicts

Monitor Sensitive Activity

Maintain a Compliant Security Model

Our Solution

Segregation of Duties Remediation for Infor-Lawson Software





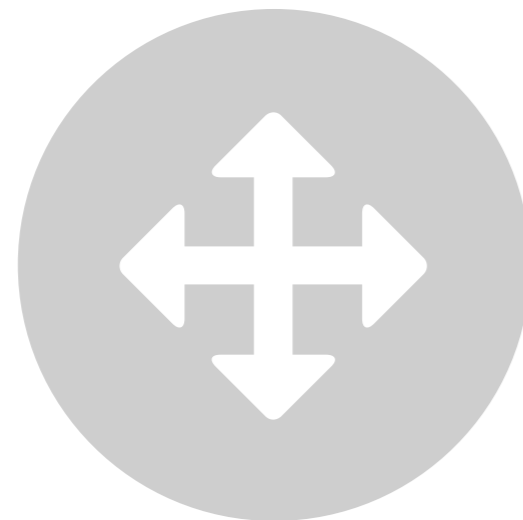
Compliance Dashboard

Segregation of Duties Remediation for Infor-Lawson Software



SoD Conflict Remediation

Our SoD Remediation tools provide further insight into SoD violations by uniquely identifying conflicts with actual utilization.



Segregation of Duties (SoD) Reporting

SoD reports validate that the correct checks and balances have been implemented within the security model to avoid potential fraudulent activity.



Activity Monitor

Provides insight and control over your Lawson applications by monitoring user activity. Use this information to monitor sensitive user activity and evaluate SoD conflicts.



Compliance Dashboard

Segregation of Duties Remediation for Infor-Lawson Software



Security Reporting

Provides detailed analysis of both Lawson S3 and Landmark security including all assignments for Users, Actors, Roles, Security Classes, Tokens, Rules, Attributes, Business Classes, Executables and Modules.



Security Modeling

Create 'What-if' scenarios within your security model without changing any security settings and report back on what users are affected.

Segregation of Duties

Compliance Dashboard for Infor-Lawson

✓ 240 Delivered Policies

With our delivered policies covering Asset Management, Cash Management, Closing Procedures, Inventory Control, Order Processing, Payables Management, Receivables Management, and Payroll you will receive immediate benefits from the SoD reports. You can also define your own policies using the SoD admin screen,

✓ Over 2,200 Predefined Rules

Our Lawson application consultants have defined over 2,200 rules that are used to validate that your security conforms to the 240 SoD delivered policies. You have full flexibility over adding or changing any of the rules.

✓ Policy Conflict Grid and SoD Reporting

Viewing policy conflicts by user exposes where you are the most vulnerable.

The Segregation of Duties application is designed to ensure that you have the proper checks and balances built in your security model to prevent fraudulent activity. With the added flexibility of our ad-hoc reporting you can create, save, and email critical reports as needed.

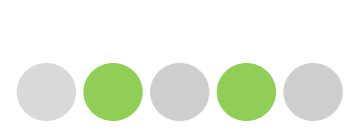


Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD Policy Library

SoD Reporting



Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD Policy Library

8 Predefined Categories

Library includes 240 Policies

Uses over 2,200 Rules

Policy Ratings based on level of Importance

Create Unlimited new Categories

Create Unlimited new Policies

Create Unlimited new Rules

Modify any existing Policies

Define rules by Form, Role, Security Class or Field

Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD Policy – Asset Management

Initiate Disposal of Fixed Asset conflicts with Record Fixed Asset Transaction. One person should not have responsibility over both the access to assets and the responsibility for maintaining the accountability for such assets.

Record Fixed Asset Transaction	Initiate Disposal of FA
AM20.1 Quick Addition	AM40.1 Disposals
AM20.2 Additions and Adj.	AM145 Mass Disposals
AM20.3 Items	
AM20.4 Books	
AM15.1 Single Invoice Interface	
AM115 Mass Additions	
AM97.1 Item Interface	
AM96.1 Asset Interface	
AM98.1 Asset Book Interface	
AC160 Asset Mgmt Interface	

The screenshot shows the Kinsey Portal interface for SoD Reporting. The main content area displays a list of policies. Policy 17 is highlighted, with the following details:

- Policy ID:** 17
- Description:** 09-10 Initiate Disposal of Fixed Assets conflicts with Record Fixed Asset Transactions. One person should not have responsibility over both the access to assets and the responsibility for maintaining the accountability for such assets..
- Group ID: 0 (OR):**
 - AM20.1 - Quick Addition (TKN)
 - AM20.2 - Additions and Adjustments (TKN)
 - AM20.3 - Items (TKN)
 - AM20.4 - Books (TKN)
 - AM15.1 - Single Invoice Interface (TKN)
 - AM115 - Mass Additions (TKN)
 - AM97.1 - Item Interface Adjustment (TKN)
 - AM96.1 - Asset Interface Adjustment (TKN)
 - AM98.1 - Asset Book Interface Adjustment (TKN)
 - AC160 - Asset Management Interface (TKN)
- Group ID: 1 (OR):**
 - AM40.1 - Disposals (TKN)
 - AM145 - Mass Disposals (TKN)
- Conflict Type:** AND
- Action:** ADD NEW GROUP

Other policies listed include 18, 19, 220, and 221, each with a description of the conflict and a status indicator.



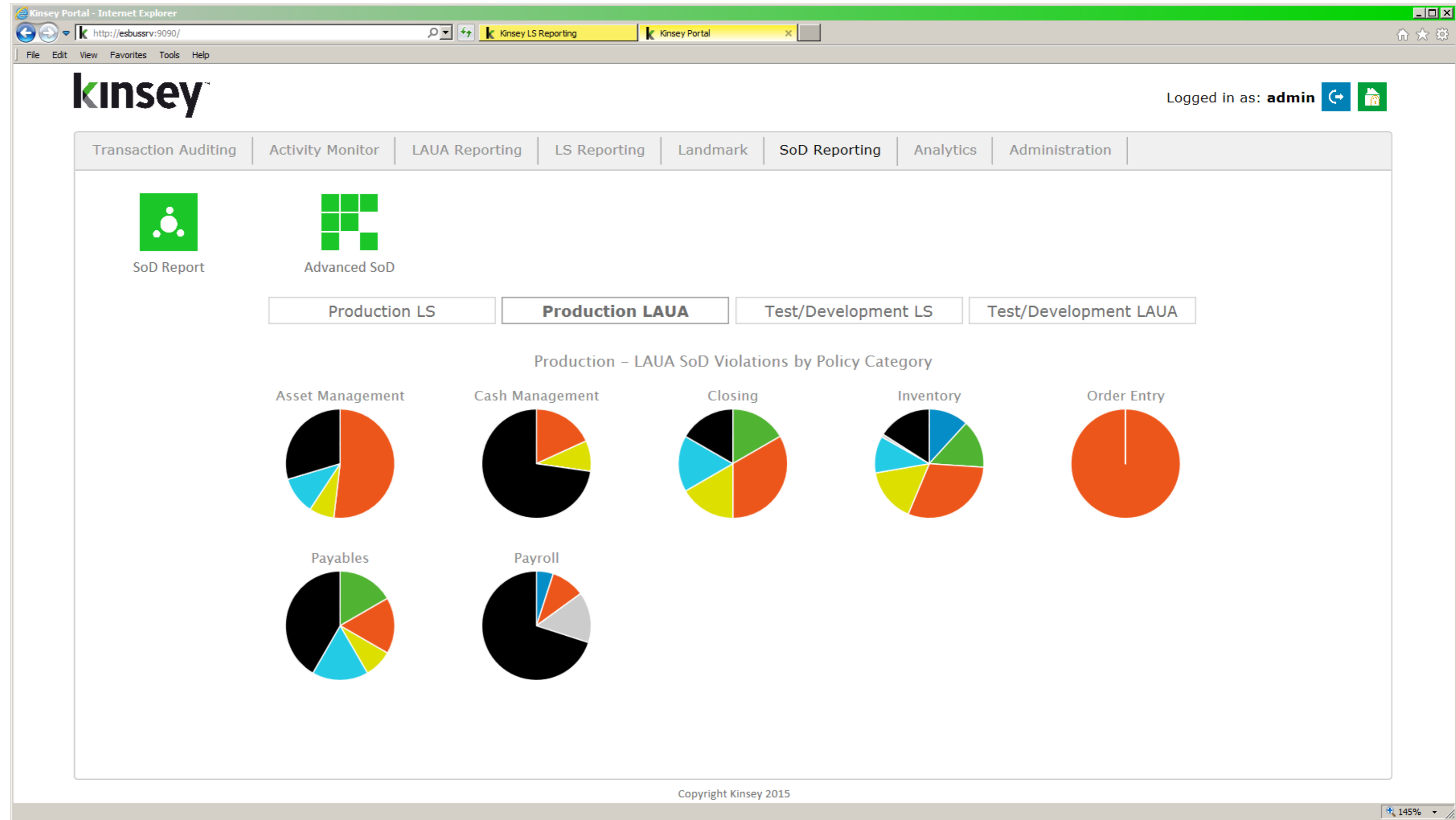
Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD Analytics

by Category
Based on Policies Importance Ratings
Reflects User Conflicts

- 5 Star Conflicts
- 4 Star Conflicts
- 3 Star Conflicts
- 2 Star Conflicts
- 1 Star Conflicts
- No Conflicts
- Inactive Policy



Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD Violation Reports

- User / Policy Conflicts
- Policy / User Conflicts
- Composite Roles / Policy Conflicts
- Role / Policy Conflicts
- Differences Report
- Activity Conflicts
- Microsoft Excel Export
- Unlimited Saved Reports
- Scheduled Email Notifications

The screenshot shows the Kinsey Segregation of Duties web application. The main content area displays a report for user ID: Frank Nelson (fnelson) under the category ASSET MANAGEMENT. The report details a rule violation for the rule '07-09 Initiate Purchase of Fixed Assets conflicts with Record Fixed Asset Transactions'. Below this, a table lists specific violations with columns for Object Type, Object, Exists in Security Class..., Object Description, Rule Reason, Available Form Function Codes, and Rule Prediction/Conditions.

Object Type	Object	Exists in Security Class...	Object Description	Rule Reason	Available Form Function Codes	Rule Prediction/Conditions
TKN	AM12.1	AMProcessing	Addition Template	GRANTED	+,-,A,C,D,I,N,P	ALL_ACCESS,
TKN	AM20.1	AMAnalysis	Quick Addition	GRANTED	A,F	ALL_ACCESS,
		AMProcessing		GRANTED	A,F	ALL_ACCESS,
TKN	AM20.2	AMAnalysis	Additions and Adjustments	GRANTED	A,C,D,I,N,P,R,S	ALL_ACCESS,
		AMProcessing		GRANTED	A,C,D,I,N,P,R,S	ALL_ACCESS,
TKN	AM20.3	AMAnalysis	Items	GRANTED	+,-,A,C,F,I,N,P,R	ALL_ACCESS,
		AMProcessing		GRANTED	+,-,A,C,F,I,N,P,R	ALL_ACCESS,

Identify SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson SoD

Reports

- User-Policy (285.1 KB)
- Policy-User (253.1 KB)
- Role Group-Policy (286.7 KB)
- Differences (151.2 KB)
- Excel (12.2 KB)
- All LS Reports (309.6 KB)
- SoD-Listener Violations

Favorites

- 4 STAR REPORTS
- AC Export
- ACAccountant
- All
- all policies
- AM - MN
- AP
- APSuper
- Asset Management**
- Asset Mgmt 5 star
- BR expert
- Cash
- Cash Mgmt
- Closing
- Financial policies
- Finance
- Finsup

kinsey Segregation of Duties

HIDE Security Violation(s) for User ID: Helen Roberts (hroberts)
 HIDE - Category: ASSET MANAGEMENT

Rule Category: ASSET MANAGEMENT
 Rule Name: 07-09 Initiate Purchase of Fixed Assets conflicts with Record Fixed Asset Transactions. One person should not have responsibility over both the access to a accountability for such assets.
 Priority: ★★★★★
 Rule Logic: (AM12.1 or AP20.1 or PO20.1) and (AC160 or AM115 or AM15.1 or AM20.1 or AM20.2 or AM20.3 or AM20.4 or AM96.1 or AM97.1 or AM98.1)

Object Type	Object	Exists in Security Class...	Object Description	Rule Reason	Available Form Function Codes	Rule Prediction/Conditions
TKN	AM12.1	AMProcessing	Addition Template	GRANTED	+,-,A,C,D,I,N,P	ALL_ACCESS,
TKN	AM115	AMProcessing	Mass Additions	GRANTED	A,C,D,I,N,P,R,S,V	ALL_ACCESS,
TKN	AM20.1	AMProcessing	Quick Addition	GRANTED	A,F	ALL_ACCESS,
TKN	AM20.2	AMProcessing	Additions and Adjustments	GRANTED	A,C,D,I,N,P,R,S	ALL_ACCESS,
TKN	AM20.3	AMProcessing	Items	GRANTED	+,-,A,C,F,I,N,P,R	ALL_ACCESS,
TKN	AM20.4	AMProcessing	Books	GRANTED	+,-,A,C,I,N,P,R	ALL_ACCESS,

Rule Category: ASSET MANAGEMENT
 Rule Name: 07-10 Initiate Purchase of Fixed Assets conflicts with Initiate Disposal of Fixed Assets. One person should not have responsibility over both the access to a accountability for such assets.
 Priority: ★★★★★
 Rule Logic: (AM12.1 or AP20.1 or PO20.1) and (AM145 or AM40.1)

kinsey Task - Form

Server: LSF_PROD | Profile: APS

Expand Groups Collapse Groups Clear Filters Show/Hide Columns 89 records

Drag a column and drop it here to group by that column

Task	Task Description	Form	Form Description	Available FC	Rule
APProcessing	Accounts Payable Pr...	AP20.6	Prepayment	A,C,D,I,N,P	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP30.4	Invoice Cancel	+,-,C,I,N,P	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP22.2	Asset Management	C,I	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP52.7	Invoice Filter	I	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP30.3	Payment Schedule...	+,-,C,I,N,P,S	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP51.3	Address Change Int...	A,C,D,I,N,P	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP00.2	Vendor Group User...	A,C,I,N,P	'NO_ACCESS'
APProcessing	Accounts Payable Pr...	AP55.6	Selection Criteria	A,C,I	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP30.6	Recurring	C	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP00.1	Vendor Group	A,C,D,I,N,P	'NO_ACCESS'
APProcessing	Accounts Payable Pr...	AP56.3	Selection Criteria	A,C,H,I,O	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP81.1	Manual Forms Rese...	I,R,U,V	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP52.9	Invoice Conversion...	A,C,D,I,N,P	'ALL_ACCESS'
APProcessing	Accounts Payable Pr...	AP56.1	Bill of Exchange Entry	A,C,D,I,N,P,R	'ALL_ACCESS'
APProcessing	Accounts Pivable Pr...	AP02.1	Reportable Income...	A,C,D,I,N,P	'NO_ACCESS'

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kinsey Server: LSF_PROD | Profile: APS

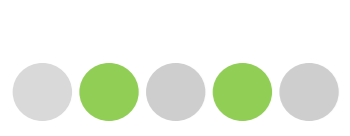
Expand Groups Collapse Groups Clear Filters Show/Hide Columns 1659 records

Drag a column and drop it here to group by that column

User	Name	Role	Access
lawson	Lawson, Lawson	ACAccountant	AMProcessing
hroberts	Roberts, Helen	ACAssetClerk	AMProcessing

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Drill to LS Reporting from your SoD Reports



Segregation of Duties

Segregation of Duties Remediation for Infor-Lawson Software

By Policy by User

Reports

- User-Policy (285.1 KB)
- Policy-User (253.1 KB)
- Role Group-Policy (286.7 KB)
- Differences (151.2 KB)
- Excel (12.2 KB)
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Favorites

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- AC Export
- ACAccountant
- All
- all policies
- AM - MN
- AP
- APSuper
- Asset Management**
- Asset Mgmt 5 star
- BR expert
- Cash
- Cash Mgmt
- Closing
- Financial policies
- Finance

Segregation of Duties Report v3.94
Saved Report: Asset Management
Lawson LS Security **PRODUCTION** Server
Wed Nov 04 15:50:31 CST 2015
[Display All Conditional Logic](#)

HIDE Category: ASSET MANAGEMENT

Rule Category: ASSET MANAGEMENT

Rule Name: 07-09 Initiate Purchase of Fixed Assets conflicts with Record Fixed Asset Transactions. One person should not have responsibility over both the access to assets and the responsibility for maintaining the accountability for such assets.

Priority: ★★☆☆☆

Rule Logic: (AM12.1 or AP20.1 or PO20.1) and (AC160 or AM115 or AM15.1 or AM20.1 or AM20.2 or AM20.3 or AM20.4 or AM96.1 or AM97.1 or AM98.1)

[SHOW - Security Violation\(s\) for User ID: Helen Roberts \(hroberts\)](#)

[SHOW - Security Violation\(s\) for User ID: Mike Nitka \(mnitka\)](#)

Rule Category: ASSET MANAGEMENT

Rule Name: 07-10 Initiate Purchase of Fixed Assets conflicts with Initiate Disposal of Fixed Assets. One person should not have responsibility over both the access to assets and the responsibility for maintaining the accountability for such assets.

Priority: ★★☆☆☆

Rule Logic: (AM12.1 or AP20.1 or PO20.1) and (AM145 or AM40.1)

[SHOW - Security Violation\(s\) for User ID: Helen Roberts \(hroberts\)](#)

[SHOW - Security Violation\(s\) for User ID: Mike Nitka \(mnitka\)](#)

Rule Category: ASSET MANAGEMENT

Rule Name: 07-14 Initiate Purchase of Fixed Assets conflicts with Edit Fixed Asset Master File. If one individual has responsibility for more than one of these functions, that individual could misappropriate assets and conceal the misappropriation.

Priority: ★★☆☆☆



Resolve SoD Conflicts

Segregation of Duties Remediation for Infor-Lawson Software

SoD User Conflict Matrix

- Summary Conflict Matrix
- Detailed Conflict Matrix
- User Activity Detail
- Security Reporting

Segregation of Duties – Summary Conflict Matrix

Segregation of Duties Remediation for Infor-Lawson Software

User ID	1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	22	23	24	25	26	27	28	29	30
jclayton				■													■	■	■	■	■	■						
jhodge	■	■	■	■	■	■	■	■	■	■							■	■	■			■	■			■		
msegura5	■	■	■	■	■	■	■	■	■	■	■						■	■	■			■	■					
jmuncrief				■														■	■	■	■	■	■					
kandersen				■			■	■		■		■	■			■		■	■	■	■	■	■	■	■	■	■	
mco				■			■	■				■	■										■	■				
amena				■																			■	■				
lupedroz	■	■	■	■	■	■	■	■	■	■							■	■	■				■	■				
linfanti	■	■	■	■	■	■	■	■	■	■							■	■	■				■	■				
vizah				■																			■	■				
twiley				■														■	■	■	■	■	■	■				
pholbrook				■														■	■	■	■	■	■	■				
jbrackbil				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	
kmcguire3				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	
jcaraveo				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	
cclark12				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	
cgerwin				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	
isanchezl				■																			■	■				
lmedina2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
lprieto2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
kthornton	■	■	■	■	■	■	■	■	■	■							■	■	■	■	■	■	■	■	■	■	■	
kgold				■														■	■	■	■	■	■	■	■	■	■	
mhaverloc				■						■	■		■	■		■		■	■	■	■	■	■	■	■	■	■	

Features

- Security Allows Violation
- Violated One Group
- Violated Both Groups

Purpose

- SoD Oversight
- SoD Remediation

The Segregation of Duties User Conflict Matrix is a great tool to identify and remediate SoD conflicts. The grid combines user permissions and user activity to identify potential areas of risk.



Segregation of Duties – Detailed Conflict Matrix

Segregation of Duties Remediation for Infor-Lawson Software

Kinsey Advanced SOD Reporting

Production - LS3SERVER PHS Data Last Updated: 11/5/15 12:41

21 50 users
 (CB10.1 or CB20.1 or CB45.1 or CB46.1 or CB50.1 or CB500 or CB543) and (CB06.1 or CB15.1 or CB180 or CB185 or CB25.1 or CB30.1 or CB80.1 or CB81.1 or CB82.1)

Prepare Deposits

Role	Task	Form	Description	Rule	Hits
CB	CBClose	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'	0
Maintenance	CBProcessing	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'	0
		CB20.1	Bank Transaction Entry	'ALL_ACCESS'	0
		CB45.1	EFT/CC Extract Entry	'ALL_ACCESS'	0
		CB46.1	Returned Payment Entry	'ALL_ACCESS'	1
		CB50.1	Bank Transaction Interface Maintenance	'ALL_ACCESS'	0
		CB500	Bank Transaction Interface	'ALL_ACCESS'	0
		CB543	Receipts Load	'ALL_ACCESS'	0

Reconcile Cash Accounts

Role	Task	Form	Description	Rule	Hits
CB	CBAcctsPay	CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
Maintenance	CBClose	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'	0
	CBProcessing	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'	0
		CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
		CB25.1	Manual Reconciliation Entry	'ALL_ACCESS'	0
		CB80.1	Bank Transaction Adjustment	'ALL_ACCESS'	0
		CBSetUp	CB06.1 Bank Statement	'ALL_ACCESS'	1
	CBspecial	CB30.1	Reconciliation Variance Adjustment	'ALL_ACCESS'	0

Changes

User ID	Full Name	CB20.1	CB45.1	CB46.1	CB543	CB50.1	CB500	CB10.1	CB82.1	CB180	CB185	CB06.1	CB15.1	CB25.1	CB30.1	CB80
abauer	Bauer, Ashley	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
amena	Mena, Audra	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
aramirez9	Ramirez, Ashley	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
bchavez3	Chavez Enriquez, B...	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
bguthrie	Guthrie, Buddy	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
bwheelis	Wheelis, Brent	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
canthony	Anthony, Christopher	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
cclark12	Clark, Chad	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
cgerwin	Gerwin, Cheryl	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
cronfin	Scheduled Jobs, cro...	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
cvetter	Vetter, Cynthia	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
cyrobins	Robinson, Chrvs	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
dhuskey1	Huskey, Deron	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
dmonsalve	Monsalve, Doris	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
ggarcia12	Garcia, Gabriel	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
isanchez1	Sanchez Lowrey, Ir...	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
jbrackbil	Brackbill, John	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
jcaraveo	Caraveo, Juan	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
jclayton	Clayton, Jason	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
jhodge	Hodge, Jennifer	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
jmarinko	Marinko, Jennifer	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
jmuncrief	Muncrief, Joel	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
kandersen	Andersen, Karen	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
kgold	Gold, Kelly	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
kmcguire3	McGuire, Kyle	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
kshum	Shum, Ken	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL
kthornton	Thornton, Kevin	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
linfanti	Infantino, Linda	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
lmedina2	Medina, Lidia	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL
lmedbihe	Melbihe, Lucille	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	ALL_ACCESS			ALL_ACCESS		ALL_ACCESS	ALL_ACCESS		ALL

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Segregation of Duties – Detailed Conflict Matrix

Segregation of Duties Remediation for Infor-Lawson Software

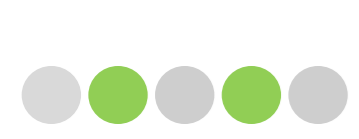
The screenshot displays the Kinsey Advanced SOD Reporting interface. On the left, a list of 50 users is shown, with 'cclark12 - Clark, Chad' highlighted in a red box. Below this list, a table of roles and tasks is displayed, with one entry highlighted in a red box:

Role	Task	Form	Description	Rule	Hits
CB Maintenance	CBClose	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'	0
	CBProcessing	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'	0
		CB20.1	Bank Transaction Entry	'ALL_ACCESS'	0
		CB45.1	EFT/CC Extract Entry	'ALL_ACCESS'	0
		CB46.1	Returned Payment Entry	'ALL_ACCESS'	1
		CB50.1	Bank Transaction Interface Maintenance	'ALL_ACCESS'	0
		CB500	Bank Transaction Interface	'ALL_ACCESS'	0
		CB543	Receipts Load	'ALL_ACCESS'	0
Reconcile Cash Accounts					
Role	Task	Form	Description	Rule	Hits
CB Maintenance	CBAcctsPay	CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
	CBClose	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'	0
	CBProcessing	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'	0
		CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
		CB25.1	Manual Reconciliation Entry	'ALL_ACCESS'	0
		CB80.1	Bank Transaction Adjustment	'ALL_ACCESS'	0
	CBSetUp	CB06.1	Bank Statement	'ALL_ACCESS'	1
	CBspecial	CB30.1	Reconciliation Variance Adjustment	'ALL_ACCESS'	0

On the right, a 'User - Form Detail' window is open for user 'cclark12'. It shows a grid of access levels for various forms. The 'User' field in the table below is highlighted with a red box:

Transaction	IP Address	User	Full Name	Product Line	Form	Function	Date/Time	Key 1	Key
PORTAL		cclark12		LIVE	CB06.1	D	10/20/2015 1:25 PM		

Copyright (c) 2015



Segregation of Duties – User Conflict Matrix

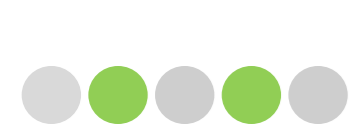
Segregation of Duties Remediation for Infor-Lawson Software

The screenshot displays the Kinsey Advanced SOD Reporting interface. The main window shows a user conflict matrix for the object 'CB06.1 - Bank Statement'. The interface includes a navigation pane on the left with a user list and a main table of user conflicts. The table has columns for User ID, Role, Task, Rule, New Rule, and Hits. The user 'cclark12' is highlighted in the table, indicating a conflict with the 'ALL_ACCESS' rule for the 'CBSetUp' task.

User ID	Role	Task	Rule	New Rule	Hits
abauer	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
aramirez9	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
bguthrie	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
bwheelis	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
cclark12	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	1
cgerwin	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
cyrobins	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
dmonsalve	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
ggarcia12	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
jbrackbil	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
jcaraveo	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
jclayton	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
jmarinko	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
jmuncrief	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
kandersen	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
kgold	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	1
kmcguire3	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
kshum	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
mhaverloc	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
nbaca7	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	1
nle	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
pholbrook	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	1
rjones	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
sboles	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
sjaeger	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0
tbrown11	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	2
twiley	CB Maintenance	CBSetUp (ALL_ACCESS)	ALL_ACCESS	ALL_ACCESS	0

Features

- Displays Conflict Details
- Allows 'What-if' Modeling
- Shows all Affected Users
- Keeps Change Log
- Drill to User Activity
- Drill to Security Reports



Segregation of Duties – User Conflict Matrix

Segregation of Duties Remediation for Infor-Lawson Software

Kinsey Advanced SOD Reporting

esbusrv:9090/AdvancedSODReporting/?SERVERID=LSF_PROD&PROFILE=PHS

Production - LS3SERVER PHS

Data Last Updated: 11/4/15 16:36

27 users

21 50 users
(CB10.1 or CB20.1 or CB45.1 or CB46.1 or CB50.1 or CB500 or CB543) and (CB06.1 or CB15.1 or CB180 or CB185 or CB25.1 or CB30.1 or CB80.1 or CB81.1 or CB82.1)

abauer - Bauer, Ashley
 amena - Mena, Audra
 aramirez9 - Ramirez, Ashley
 bchavez3 - Chavez Enriquez, Brenda
 bguthrie - Guthrie, Buddy
 bwheelis - Wheelis, Brent
 canthony - Anthony, Christopher
 cclark12 - Clark, Chad

Prepare Deposits

Role	Task	Form	Description	Rule	Hits
CB Maintenance	CBClose	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'	0
		CBProcessing	CB10.1	Cash Receipt Deposit	'ALL_ACCESS'
	CBProcessing	CB20.1	Bank Transaction Entry	'ALL_ACCESS'	0
		CB45.1	EFT/CC Extract Entry	'ALL_ACCESS'	0
	CB46.1	Returned Payment Entry	'ALL_ACCESS'	1	
	CB50.1	Bank Transaction Interface Maintenance	'ALL_ACCESS'	0	
	CB500	Bank Transaction Interface	'ALL_ACCESS'	0	
	CB543	Receipts Load	'ALL_ACCESS'	0	

Reconcile Cash Accounts

Role	Task	Form	Description	Rule	Hits
CB Maintenance	CBAcctsPay	CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
		CBClose	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'
	CBProcessing	CB15.1	Bank Fund Transfer - Multiple Deposits	'ALL_ACCESS'	0
		CB185	Bank Tape Mass Reconciliation	'ALL_ACCESS'	0
	CB25.1	Manual Reconciliation Entry	'ALL_ACCESS'	0	
	CB80.1	Bank Transaction Adjustment	'ALL_ACCESS'	0	
	CBSetup	CB06.1	Bank Statement	'ALL_ACCESS'	1
	CBSpecial	CB30.1	Reconciliation Variance Adjustment	'ALL_ACCESS'	0

cgerwin - Gerwin, Cheryl
 cronfin - Scheduled Jobs, cronfin
 cvetter - Vetter, Cynthia

Security for object: **CB06.1 - Bank Statement**

User ID	Role	Task	Rule	New Rule	Hits
abauer	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
aramirez9	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
bguthrie	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
bwheelis	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
cclark12	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	1
cgerwin	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
cyrobins	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
dmonsalve	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
ggarcia12	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
jbrackbil	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
jaraveo	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
jclayton	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
jmarinko	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
jmuncrief	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
kandersen	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
kgold	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	1
kmcguire3	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
kshum	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
mhaverloc	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
nbaca7	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	1
nle	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
pholbrook	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	1
rjones	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
sboles	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
sjaeger	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0
tbrown11	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	2
twiley	CB Maintenance	CBSetup	ALL_ACCESS	ALL_INQUIRE	0

Changes
 Set rule for **CB06.1** in **CBSetup** to **ALL_INQUIRE** [icon]

Features

- Shows all Affected Users



Segregation of Duties – User Conflict Matrix

Segregation of Duties Remediation for Infor-Lawson Software

Kinsey Advanced SOD Reporting

Production - LS3SERVER PHS

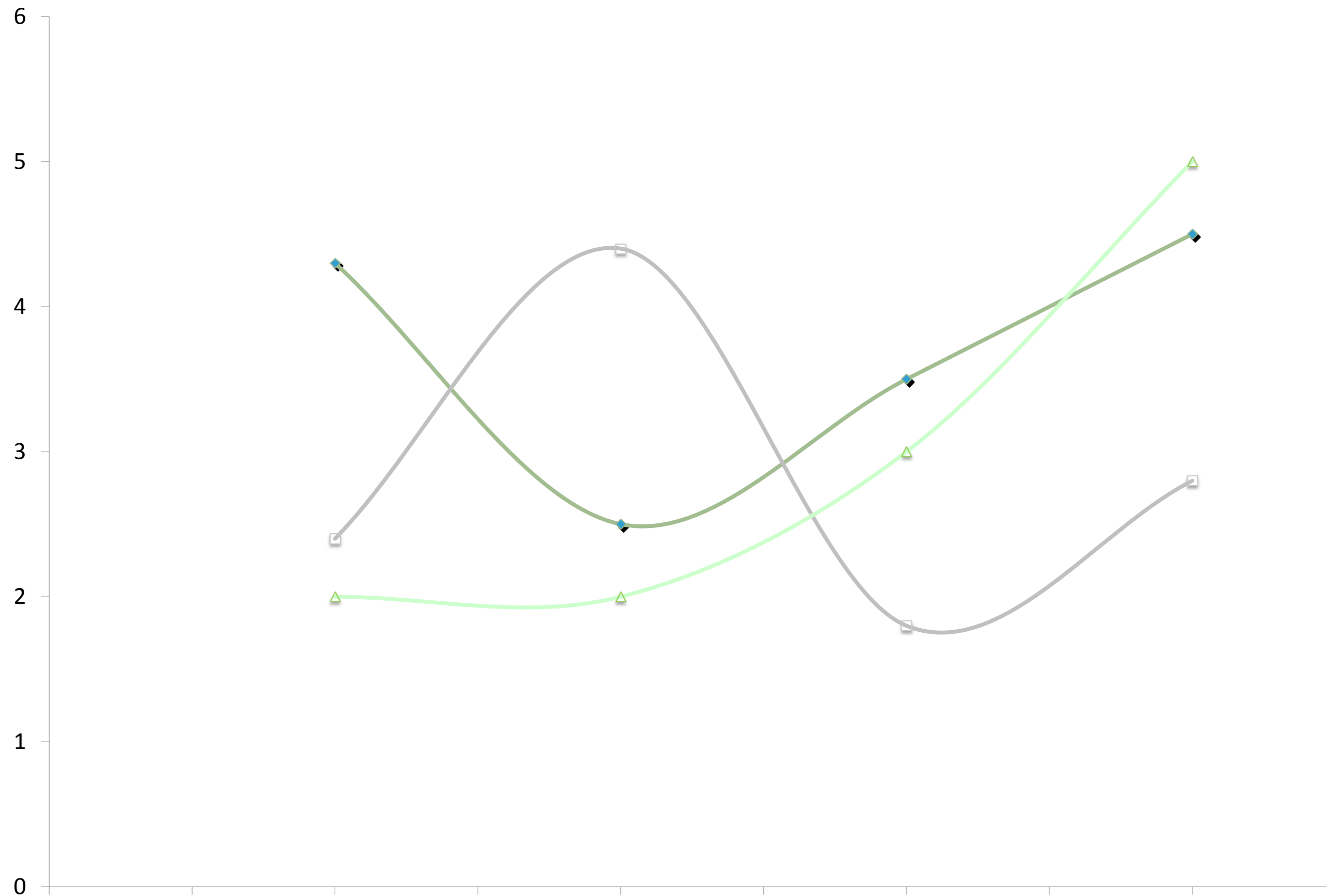
Data Last Updated: 11/4/15 16:36

User ID	1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	22	23	24	25	26	27	28	29	30
jclayton				■													■	■	■	■	■					■		
jhodge	■	■	■	■	■	■	■	■	■	■						■	■	■	■			■	■			■		
msegura5	■	■	■	■	■	■	■	■	■	■						■	■	■	■			■	■			■		
jmuncrief				■													■	■	■	■			■					
kandersen				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■
mco				■			■	■				■	■							■				■				
amena				■																■			■					
lupedroz	■	■	■	■	■	■	■	■	■	■						■	■	■	■			■	■			■		
linfanti	■	■	■	■	■	■	■	■	■	■						■	■	■	■			■	■					
vizah				■																■			■					
twiley				■														■	■	■	■		■					
pholbrook				■														■	■	■	■	■	■	■	■	■	■	■
jbrackbil				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■
kmcguire3				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■
jcaraveo				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■
cclark12				■																■		■	■					
cgerwin				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■
isanchezl				■																■		■	■	■	■	■	■	■
lmedina2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
lprieto2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
kthornton	■	■	■	■	■	■	■	■	■	■						■	■	■	■	■			■	■	■	■	■	■
kgold				■													■	■	■	■	■	■	■	■	■	■	■	■
mhaverloc				■			■	■		■		■	■		■		■	■	■	■	■	■	■	■	■	■	■	■



Activity Monitor

Segregation of Duties Remediation for Infor-Lawson Software



Complete Transparency

Activity Monitor is designed to provide insight and control over your Lawson applications. Extensive metadata analytics allow you to closely monitor how your applications are being used and where you may be exposed to a security risk. You can use this information to validate your Lawson security settings, monitor user activity, measure peak usage times or monitor software usage patterns. With the added capability of providing the transaction record keys, Activity Monitor is an invaluable auditing tool when questions arise surrounding changes made to your Lawson system.

Activity Monitor – Reporting

Segregation of Duties Remediation for Infor-Lawson Software

The screenshot shows the Kinsey LS Reporting application interface. At the top, there is a navigation bar with the Kinsey logo and the text "User - Form Detail". Below this, there are server and profile information: "Server: LSF_PROD | Profile: APS". A toolbar contains several icons for navigation and actions, including a back arrow, a printer, a spreadsheet, a PDF, a home icon, a question mark, and a refresh icon. Below the toolbar, there are buttons for "Expand Groups", "Collapse Groups", "Clear Filters", and "Show/Hide Columns". The main content area displays a table of activity records with 44 records in total. The table has the following columns: Transactio, IP Address, User, Form, Form Description, Func, Date/Time, Key 1, Key 2, Key 3, and Audit. The records show various transactions performed by the user "lawson" on different forms, including Vendor, Basic Invoice, and Cash Requirements. The table is sorted by Date/Time, showing transactions from 6/6/2015 to 10/10/2015. At the bottom of the table, there is a copyright notice: "Copyright (c) 2015".

Transactio	IP Address	User	Form	Form Description	Func	Date/Time	Key 1	Key 2	Key 3	Audit
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	C	6/6/2015 1:56 PM	1	103		
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	N	6/6/2015 1:56 PM	1	102		
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	N	6/6/2015 1:56 PM	1	103		
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	N	6/6/2015 1:56 PM	1	101		
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	N	6/6/2015 1:56 PM	1	100		
PORTAL	192.168.100.1...	lawson	AP10.1	Vendor	N	6/6/2015 1:56 PM	1	1		
PORTAL	192.168.100.1...	lawson	AP20.1	Basic Invoice	C	10/10/2015 2:03 PM	118	KIN...	1	
PORTAL	192.168.100.1...	lawson	AP20.1	Basic Invoice	C	10/10/2015 2:03 PM	118	KIN...	1	
PORTAL	192.168.100.1...	lawson	AP20.1	Basic Invoice	I	10/10/2015 2:03 PM	118	KIN...	1	
PORTAL	192.168.100.1...	lawson	AP20.1	Basic Invoice	I	10/10/2015 2:03 PM	118	KIN...	1	
PORTAL	192.168.100.1...	lawson	AP20.1	Basic Invoice	N	10/10/2015 2:02 PM	118	KIN...	1	
PORTAL	192.168.100.1...	lawson	AP155	Payment Forms Creation	A	10/10/2015 10:00 AM	MJ...	LS3...		
PORTAL	192.168.100.1...	lawson	AP156	Bill of Exchange Creation	I	10/10/2015 9:54 AM		LS3...		
PORTAL	192.168.100.1...	lawson	AP156	Bill of Exchange Creation	J	10/10/2015 9:54 AM		LS3...		
PORTAL	192.168.100.1...	lawson	AP156	Bill of Exchange Creation	I	10/10/2015 9:53 AM		LS3...		
PORTAL	192.168.100.1...	lawson	AP150	Cash Requirements	A	10/10/2015 9:40 AM	MJN	LS3...		

Analyze

- By User
- By Form
- By Function Code
- By Date
- By Record Key
- Drill to Security Reports
- Tied to SoD Policies

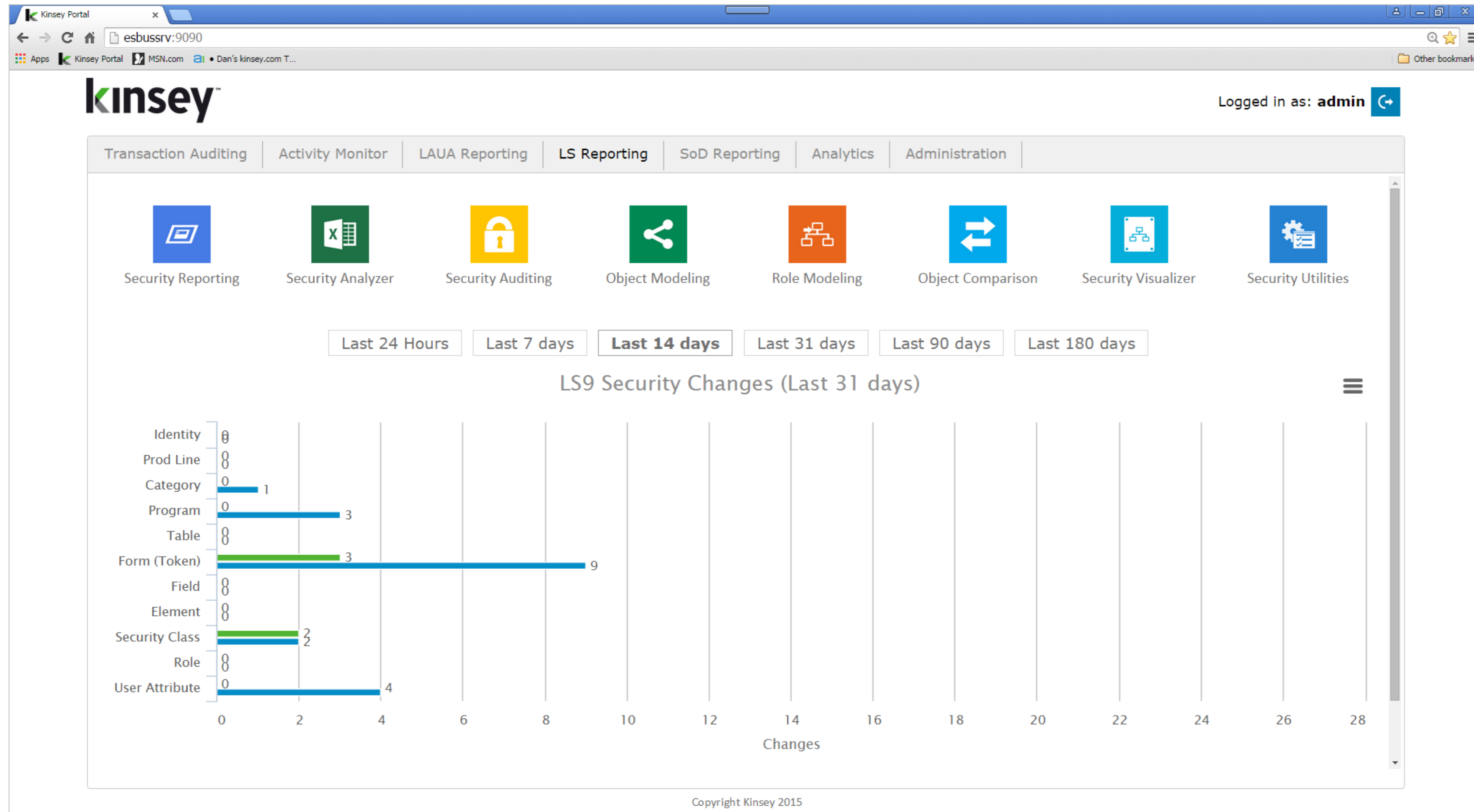
All Activity Monitor data can be displayed using our LS reporting application. This allows you to create unlimited custom reports and associate actual usage to a users security settings.

Monitor Sensitive Activity



Security Reporting

Segregation of Duties Remediation for Infor-Lawson Software



Features

- Security Reporting
- Security Analyzer
- Object Modeling
- Role Modeling
- Object Comparison
- Security Visualizer
- Security Utilities



Security Reports – S3

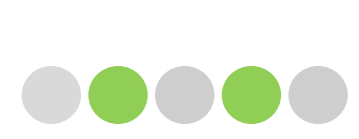
Segregation of Duties Remediation for Infor-Lawson Software

Role	Task	Task Description	Form	Form Description	Available FC	Rule
ACAccountant	ACAnalysis	Activity Management Analyst	AC03.6	Equipment Assignment	+,-,A,C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC34.1	Compute Parameters	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.6	Activity Group Budget Header	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC23.1	Spread Codes	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.4	Resource Time Entry (AC and GL)	+,-,A,C,D,I,N,P,R	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC07.1	Account Assignment	+,-,A,C,I,N,P	if(form.AGA_ACTIVITY_GR...
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.9	Budget Header Selection	I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC36.1	Activity Total Range	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC18.3	Assigned Vendor Resource Rates	+,-,A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC37.2	Allocation Group by Step	+,-,A,C,D,I,N,P,R,U	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.4	Location	A,C,D,I,N,P	'ALL_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.8	Budget Lock	C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC37.1	Allocation Group	+,-,A,C,D,I,N,P,R,U	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC08.1	Category Structure	+,-,A,C,I,N,P,X	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC40.2	Additional Information	C,I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC03.5	Asset Assignment	+,-,A,C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.1	Activity	A,C,D,I,N,P	'NO_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC18.1	Assigned Person Resource Rates	+,-,A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.3	AC only Totals	I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.2	Location Assignment	A,C,D,I,N,P	'NO_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC40.1	Journal Entry (AC only)	+,-,A,C,D,I,N,P,R	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.2	Additional Information	C,I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC32.3	Account Category Selection	I	'I'

Report Options

- Object Filters
- Column Sort
- Column Grouping
- Drill around
- Save any query
- Print to PDF or printer
- Export to MS Excel
- Email scheduled reports

Security data is pulled nightly or on demand from your LDAP server and stored in SQL tables for easy access.



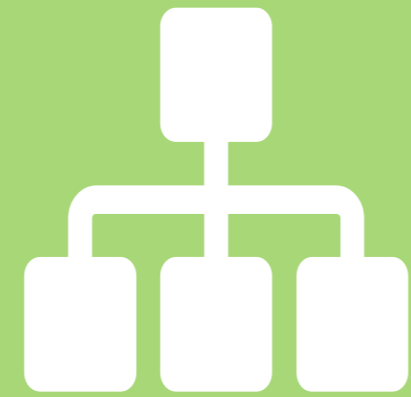
Security Modeling & Utilities

Compliance Dashboard for Infor-Lawson



Objects

Reveal how changing an objects assignment or rule on any given security class will effect the associated users.



Roles

See how adding or removing a role from a user will effect the users security privileges.



Sec Classes

Discover how adding or removing a security class from a role will effect the users associated with that role.



Utilities

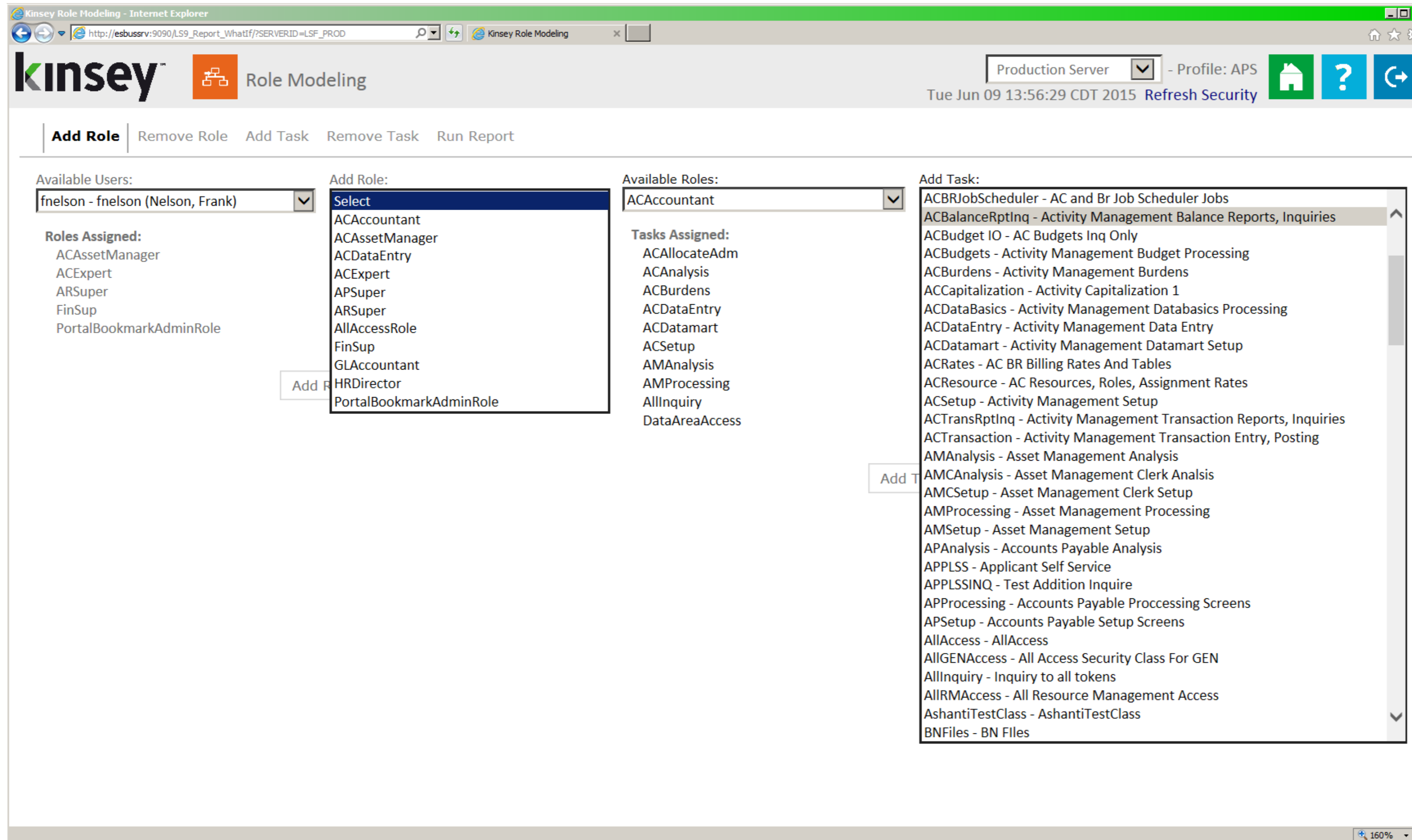
Compare, map, copy and upload security assignments directly to LDAP.

Our set of modeling tools give you the flexibility you need to foresee the cause and effect of making a change to your security model prior to implementing any updates. Once you're comfortable with the results our utilities can help you expedite the process.



Security Modeling – Role Modeling

Segregation of Duties Remediation for Infor-Lawson Software



Features

- Add a Role to a User
- Remove a Role from a User
- Add a SecClass to a Role
- Remove a SecClass from a Role
- Links to Security Analyzer
- Links to Composite Role SoD

Model the affect of changing any User-Role or Role-Security Class assignment.



Security Modeling – Role Modeling

Segregation of Duties Remediation for Infor-Lawson Software

Sys	Code	Form ID	Title	Role	Security Class	Available Functions	fnelson
+	582	AM	AMFL.6	Conversions		NO FC	ALL_ACCESS
+	584	AM	AMFL.7	Invoice Interface		NO FC	ALL_ACCESS
+	586	AM	AMFL.8	Activity Interface		NO FC	ALL_ACCESS
+	588	AM	AMFL.9	Miscellaneous Processing		NO FC	ALL_ACCESS
+	590	AM	AMLF.1	OLAP Dimension Retrieval Format		A,C,D,I,N,P	ALL_ACCESS
+	592	AP	AP00.1	Vendor Group		A,C,D,I,N,P	ALL_INQUIRES
+	594	AP	AP00.2	Vendor Group User Fields		A,C,I,N,P	ALL_INQUIRES
+	596	AP	AP00.3	Vendor Class		A,C,D,I,N,P	ALL_INQUIRES
+	598	AP	AP00.4	Company		A,C,D,I,N,P	ALL_INQUIRES
+	600	AP	AP00.5	Process Level		A,C,D,I,N,P	ALL_INQUIRES
+	602	AP	AP00.6	Company Approval		A,C,D,I,N,P	ALL_INQUIRES
+	604	AP	AP00.7	Distribution Reporting Set Up		+,-,A,C,D,I,N,P	ALL_INQUIRES
+	606	AP	AP01.1	Pay Group		A,C,D,I,N,P	ALL_INQUIRES
+	608	AP	AP01.2	Pay Group Options		A,C,I	ALL_INQUIRES
+	610	AP	AP01.3	Electronic Transfer Identification		+,-,A,C,I	ALL_INQUIRES
+	612	AP	AP01.4	Pay Group Company Relationship		+,-,I	ALL_INQUIRES
+	614	AP	AP01.5	Pay Group Security		C	ALL_INQUIRES
+	616	AP	AP02.1	Reportable Income Group		A,C,D,I,N,P	ALL_INQUIRES

Projected changes to User permissions are highlighted in blue.



Security Modeling – Object Modeling

Segregation of Duties Remediation for Infor-Lawson Software

Search: AP10.1

Object Relationships:
Task - FinanceInq (blue line) [Hide](#)
User - oesgin (green line) [Hide](#)

Type	System Code	Name	Description	# of SoD Rules
Form/Executable	AP	AP10.1	Vendor	2

[Run SOD Report](#)

[Find Affected Objects](#)

Status	Task	Task Rule	Role	User	Rule
✓	APVenMastInq	AP Vendor Mast view only	THAPSenior	Corporate AP Senior	
✓	FinanceInq	Finance Inquiry Only	THAPProcessor	Corporate AP Processor	
✓	APProcessorCorp	AP Processor Corp	vAP10VendorUpdate	vAP10VendorUpdate	
✓	APVendorUpdate	Update AP10	THAPVendorView	Corporate AP Vendor View Only	
			THMAAcct	THMA Accountant	

[Add object to a Task](#)

Change Log

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Features

- Select any Form or Table
- Map by Security Class (Task)
- Map by Role
- Map by User
- Add Object to a Sec Class
- Delete Object from Sec Class
- Change FC Rule
- Run SoD Report
- Link to Security Reporting

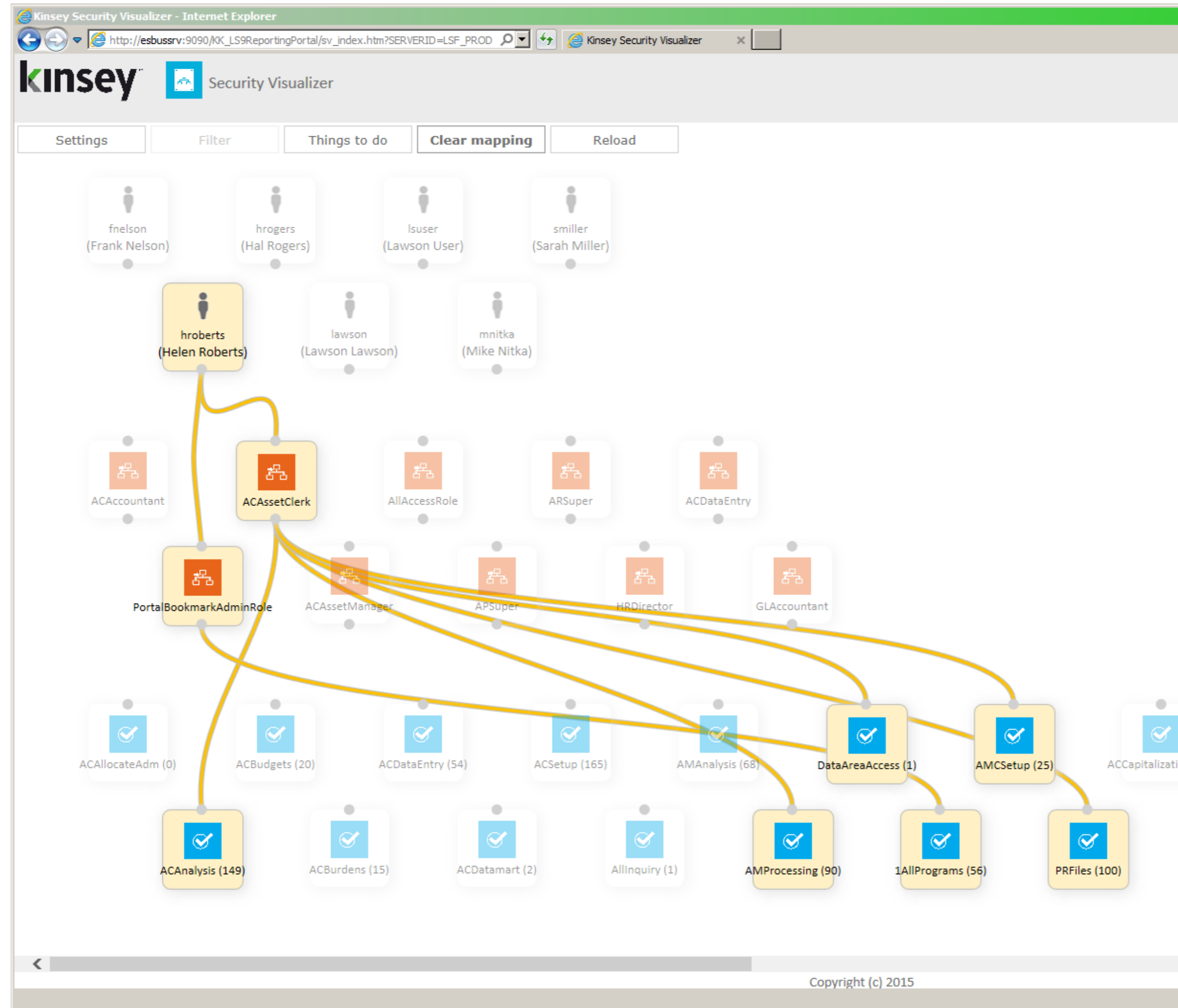


Security Modeling - Visualizer

Segregation of Duties Remediation for Infor-Lawson Software

Features

- Map from any object
- Drill to Security Reports
- Drag and Drop Assignments
- Object Filtering



Task	Task Description	Form	Form Description	Available FC	Rule
AMSetup	Asset Management...	AM00.2	Books	+,-,A,C,I	'ALL_ACCESS'
AMSetup	Asset Management...	AM05.1	Account Group	A,C,D,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM13.2	Asset Groups	+,-,A,C,D,I	'ALL_ACCESS'
AMSetup	Asset Management...	AM02.2	Units of Production...	A,B,C,F,I	'ALL_ACCESS'
AMSetup	Asset Management...	AM06.3	Product Category	+,-,A,C,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM04.1	Personal Use	A,C,D,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM02.1	Methods	A,C,D,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM18.2	Repair Activity Inter...	+,-,A,C,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM06.4	Asset Class Depreci...	+,-,A,C,I	'ALL_ACCESS'
AMSetup	Asset Management...	AM18.1	Repair Invoice Inter...	+,-,A,C,I,N,P	'C,I'
AMSetup	Asset Management...	AM06.6	Depreciation Alloca...	+,-,A,C,D,I,N,P,R,U	'ALL_ACCESS'
AMSetup	Asset Management...	AM11.1	Disposal Property	A,C,D,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM06.1	Type	A,C,D,I,N,P	'ALL_ACCESS'
AMSetup	Asset Management...	AM07.2	Locations	+,-,A,C,I	'ALL_ACCESS'
AMSetup	Asset Management...	AM09.1	Accounting Unit Gr...	A,C,D,I,N,P	'ALL_ACCESS'

Use the Visualizer to quickly see how Users, Roles and Security Classes are connected.

Notifications

Segregation of Duties Remediation for Infor-Lawson Software

Notifications

- SoD Conflicts
- Security Reports

The screenshot displays the Kinsey Segregation of Duties (SoD) software interface. The main window shows a report titled "Segregation of Duties Report v3.94" for the "ASSET MAN" category. The report is saved and generated on "Tue Jul 07 16:35:29 CDT 2015" on a "Production Server". The interface includes a sidebar with "Reports" and "Favorites", a central navigation pane, and a main data table.

Table Data:

Role	Task	Task Description	Form	Form Description	Available FC	Rule
ACAccountant	ACAnalysis	Activity Management Analyst	AC03.6	Equipment Assignment	+,-,A,C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC34.1	Compute Parameters	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.6	Activity Group Budget Header	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC23.1	Spread Codes	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.4	Resource Time Entry (AC and GL)	+,-,A,C,D,I,N,P,R	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC07.1	Account Assignment	+,-,A,C,I,N,P	if(form.AGA_ACTIVITY_GR...
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.9	Budget Header Selection	I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC36.1	Activity Total Range	A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC18.3	Assigned Vendor Resource Rates	+,-,A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC37.2	Allocation Group by Step	+,-,A,C,D,I,N,P,R,U	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.4	Location	A,C,D,I,N,P	'ALL_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC20.8	Budget Lock	C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC37.1	Allocation Group	+,-,A,C,D,I,N,P,R,U	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC08.1	Category Structure	+,-,A,C,I,N,P,X	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC40.2	Additional Information	C,I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC03.5	Asset Assignment	+,-,A,C,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.1	Activity	A,C,D,I,N,P	'NO_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC18.1	Assigned Person Resource Rates	+,-,A,C,D,I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.3	AC only Totals	I,N,P	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC10.2	Location Assignment	A,C,D,I,N,P	'NO_ACCESS'
ACAccountant	ACAnalysis	Activity Management Analyst	AC40.1	Journal Entry (AC only)	+,-,A,C,D,I,N,P,R	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC41.2	Additional Information	C,I	'I'
ACAccountant	ACAnalysis	Activity Management Analyst	AC32.3	Account Category Selection	I	'I'



Solution Recap

Segregation of Duties Remediation for Infor-Lawson Software

SoD User Conflict Matrix

SoD Reporting and Notifications

Security Reporting

Security Modeling

Activity Monitor



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Thank you for attending!

We hope you found it useful!

