Security 9 Migration Strategies

Introducing

SECURITY MIGRATION

Agenda

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WHEN EXPERIENCE MATTERS

- Background
- Considerations
- LAUA Security Methodology
- LS9 Security Methodology
- Migration Process
- Our Solution
- Deliverables
- Tips & Tricks

Our Background

Founded by Dan and Brad Kinsey, Kinsey has provided software sales, implementation, support and development for over 30 years.

Lawson reseller and implementation partner since 1997

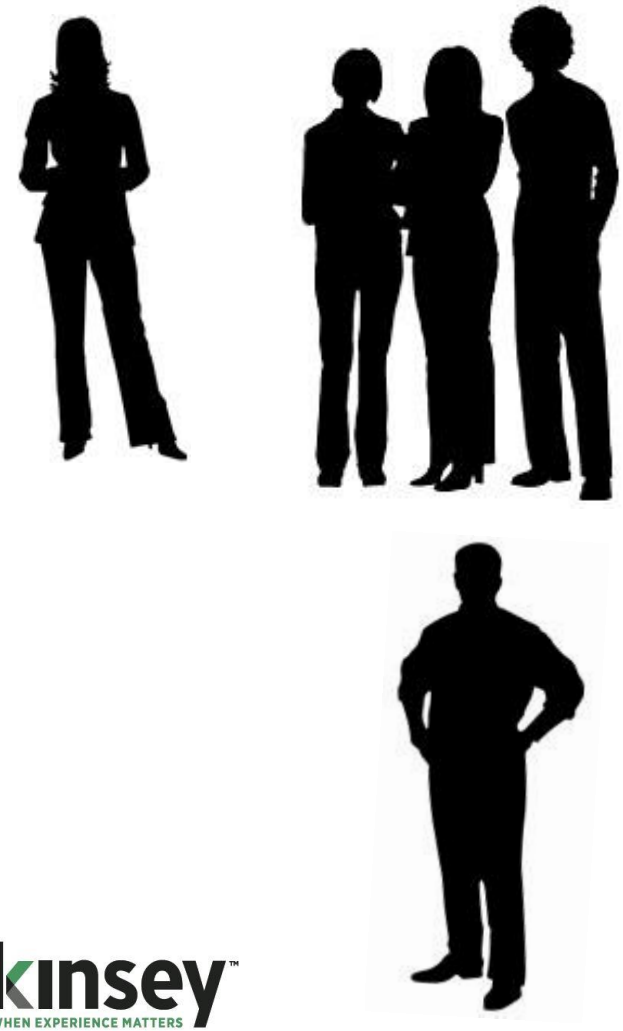
Lawson Certified Systems Integrator Partner

Lawson Complementary Software Partner

Lawson's "Go to" Reseller/Implementer for Public Sector

2 time Partner of the Year

Focusing on the development of Lawson complementary software products



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CONSIDERATIONS

Most companies know of 2 options…

- build the model from scratch
- use pre-built security templates

CONSIDERATIONS

But how can you be sure that…

- your environment will be secure
- your auditors requirements will be met
- your users will be able to access what the need
- it will be flexible and easy to maintain

CONSIDERATIONS

Have you considered how you will…

- minimize duplicating forms in the model
- include your custom forms
- discover the forms actually required by your users
- discover the form permissions they will need
- minimize reconfiguration efforts
- build a model that will satisfy your auditors
- build a model that will not disrupt your users
- find the time to take on this project

CONSIDERATIONS

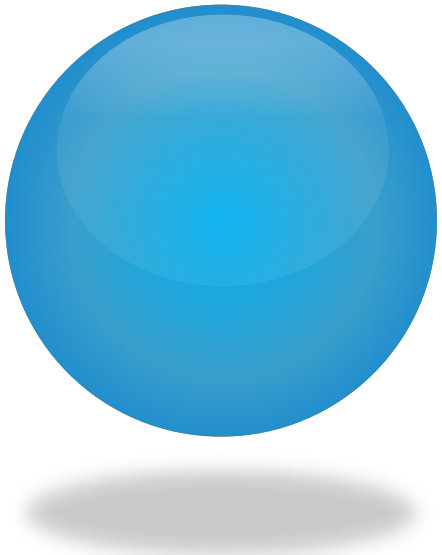
Or you could take a different approach…

- Use the information you already have to automatically build an audit compliant model

CONSIDERATIONS

So how do we do it?

- We base the model on actual user activity.
- Use our prebuilt SoD policies to ensure audit compliance.
- Provided reporting to validate that proper access has been granted.
- Continue monitoring user activity, security changes and SoD violations going forward.



LAUA Security Methodology

LAUA security is a structured Silo model built by creating Security Classes that restrict access to specific System Codes, Forms, Function Codes and Tables. A major restriction of this model is that it fails to provide any ability to share security settings between Security Classes. And since users can only be attached to a single Security Class, a slightly different job requirement requires an entirely new Security Class.

LAUA Silo Structure

IC Admin

IC01.1	IC06.1
IC01.2	IC07.1
IC10.1	IC08.1
IC10.2	IC200
IC11.1	IC201
IC11.2	IC202
IC11.3	IC240
IC11.4	IC241
IC11.5	IC242
IC11.6	IC246
IC12.1	IC260
IC12.2	IC262
IC15.1	IC280
IC20.1	IC20.4
IC20.2	IC21.1

IC Super

IC01.1	IC06.1
IC01.2	IC07.1
IC10.1	IC120
IC10.2	IC200
IC11.1	IC201
IC11.2	IC202
IC11.3	IC240
IC11.4	IC241
IC11.5	IC242
IC11.6	IC246
IC12.1	IC260
IC12.2	IC262
IC15.1	IC280
IC20.1	IC20.4
IC20.2	IC21.1

IC Clerk

IC01.1	IC06.1
IC01.2	IC07.1
IC10.1	IC120
IC10.2	IC200
IC11.1	IC201
IC11.2	IC202
IC11.3	IC240
IC11.4	IC241
IC11.5	IC242
IC11.6	IC246
IC12.1	IC260
IC12.2	IC262
IC15.1	IC280
IC20.1	IC20.4
IC20.2	IC21.1

IC Assist

IC01.1	IC06.1
IC01.2	IC07.1
IC10.1	IC120
IC10.2	IC200
IC11.1	IC201
IC11.2	IC202
IC11.3	IC240
IC11.4	IC241
IC11.5	IC242
IC11.6	IC246
IC12.1	IC260
IC12.2	IC262
IC15.1	IC280
IC20.1	IC20.4
IC20.2	IC21.1

- Full access is provided by default
- Security Classes restrict access to System Codes, Tables, Forms and Function Codes
- Users are attached to a single Security Class
- A slightly different role requires an entirely new Security Class

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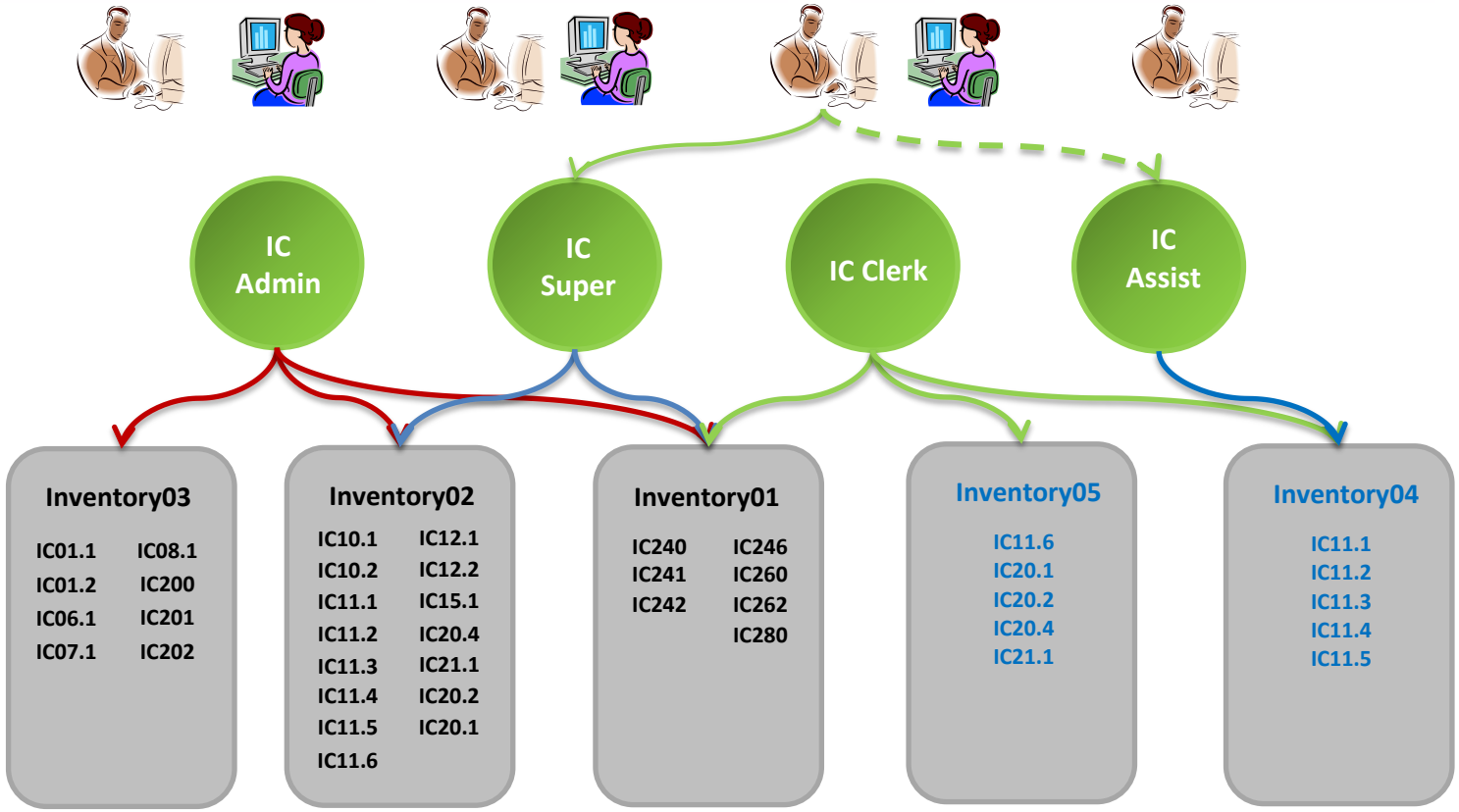
LS9 Security Methodology

Lawson has changed the security model to follow a role based structure. In this model Security Classes are created to group a series of forms together to accomplish a specific task. (i.e. AP Setup). These Security Classes (tasks) are then assigned to Roles within the organization (i.e. AP Manager). Security Classes can be shared between multiple roles and users can be assigned to more than one role in the organization.

LS9 Structure



No User access is provided by default

Security Classes (Tasks) grant specific Form, Function Code and Table access

Objects are shared between Roles and Users

Multiple Roles can be assigned to a User

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What are our customers **biggest concerns?**

Accuracy **Resources**

Cost **Time**

BUILDING LS9

- Define your organization's **Roles** (AP Manager, AP Clerk)
- Define a list of operational tasks (AP Invoice Entry, Check Processing)
- Assign form names to each **Task** (over 6500 forms)
- Assign table names to each **Task**
- Determine access **Rules** for each form (ACDINP+-)
- Build your Task (Security Classes)
- Build your Roles
- Determine which forms each user needs to access for proper class assignments
- Assign your Task (Security Classes) to your Roles
- Assign your Roles to your Users
- Implement form Rules
- Build **conditional logic**
- Perform positive and negative **Testing**

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The Challenge

Identifying and **Validating** the forms a User needs to access

Organizing over 6,500 forms and tables into Security Classes

Properly **restricting** function code access for each form

Building conditional rules

Verifying User security

Our **3 Step** Approach

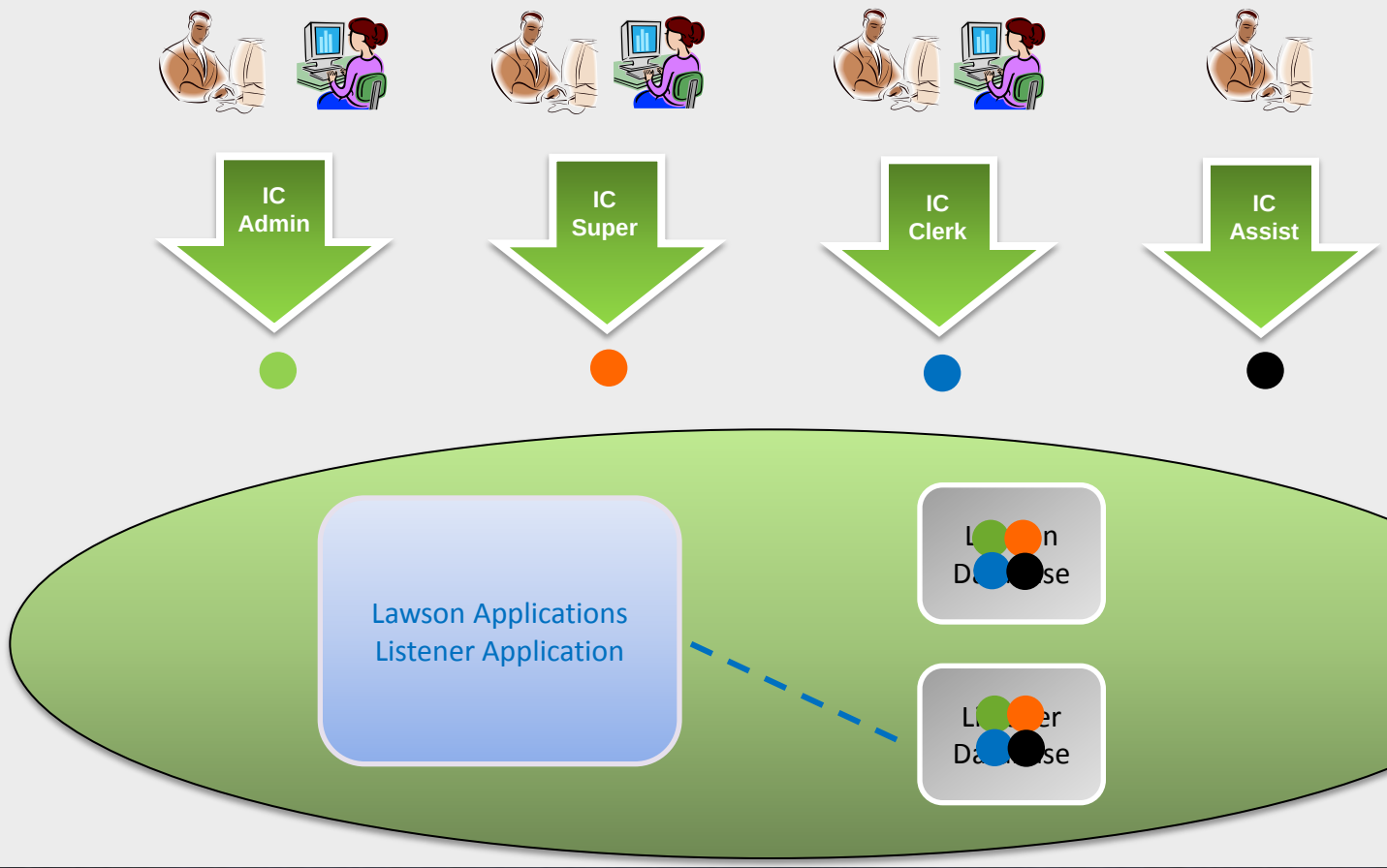
We're with you every step of the way

STEP 1 - TUNE

- Use our **Listener** to find the forms that are being accessed
- Analyze LAUA using our **SOD violation report**
- Identity common access points between Security Classes to **eliminate redundant classes**

LISTEN

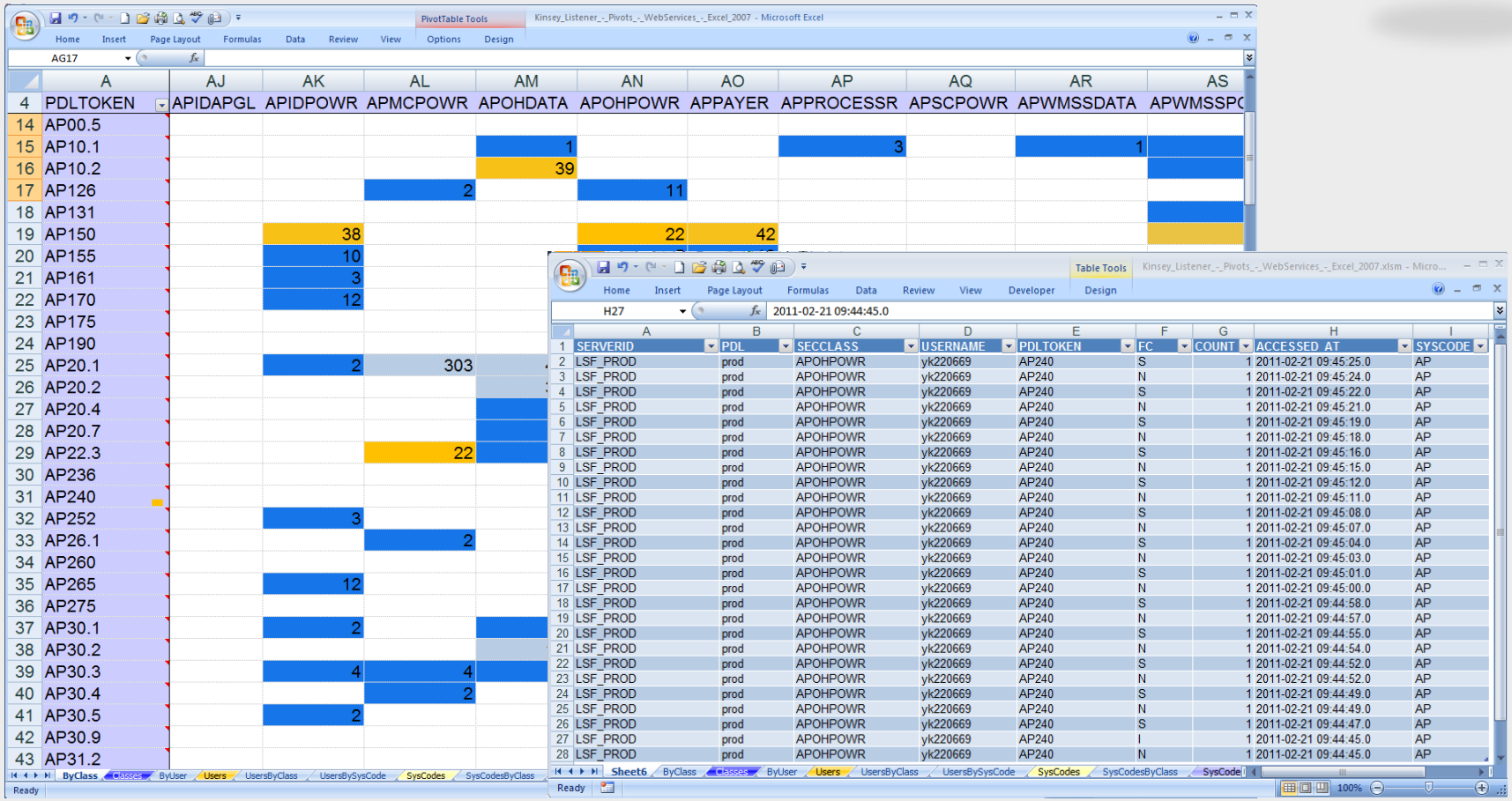
Analyze & Tune



Collect data on who, when and how every form was used

LISTEN

Analyze & Tune



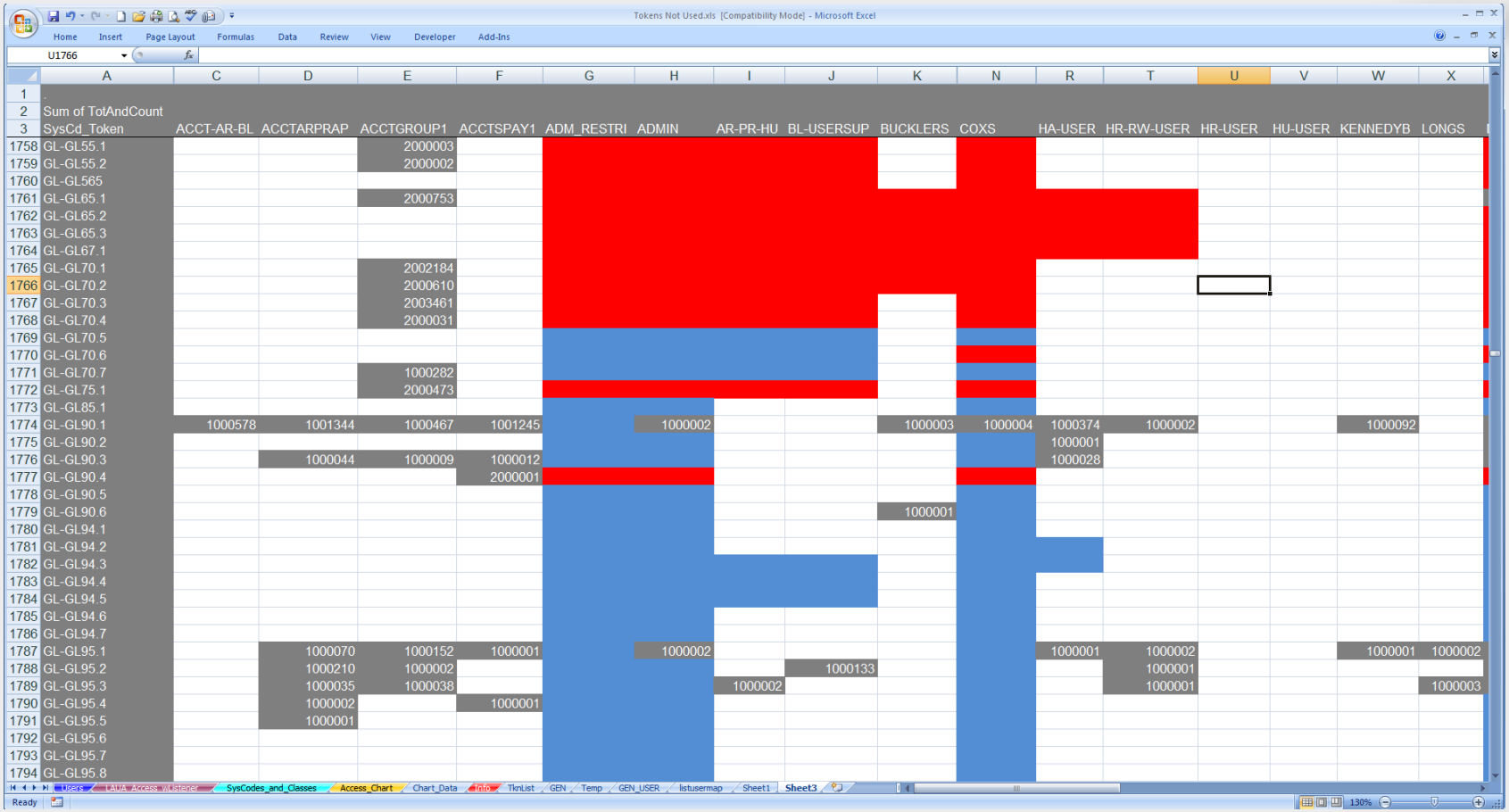
PDLTOKEN	APIDAPGL	APIDPOWR	APMCPOWR	APOHDATA	APOHPOWR	APPAYER	APPROCESSR	APSCPOWR	APWMSSDATA	APWMSSPC
AP00.5										
AP10.1				1			3		1	
AP10.2				39						
AP126			2		11					
AP131										
AP150		38			22	42				
AP155		10								
AP161		3								
AP170		12								
AP175										
AP190										
AP20.1		2	303							
AP20.2										
AP20.4										
AP20.7										
AP22.3			22							
AP236										
AP240										
AP252		3								
AP26.1			2							
AP260										
AP265		12								
AP275										
AP30.1		2								
AP30.2										
AP30.3		4	4							
AP30.4			2							
AP30.5		2								
AP30.9										
AP31.2										

SERVERID	PDL	SECCLASS	USERNAME	PDLTOKEN	FC	COUNT	ACCESSED_AT	SYSCODE
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:25.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:24.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:22.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:21.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:19.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:18.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:16.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:15.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:12.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:11.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:08.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:07.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:04.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:03.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:45:01.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:45:00.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:44:58.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:44:57.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:44:55.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:44:54.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:44:52.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:44:52.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:44:49.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:44:49.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	S	1	2011-02-21 09:44:47.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	I	1	2011-02-21 09:44:45.0	AP
LSF_PROD	prod	APOHPOWR	yk220669	AP240	N	1	2011-02-21 09:44:45.0	AP

Use the **Listener Pivot tables** to analyze actual usage by Security Class/Form, User/Form, User/System Code, or System Code/Security Class

TOKENS NOT USED

Analyze & Tune



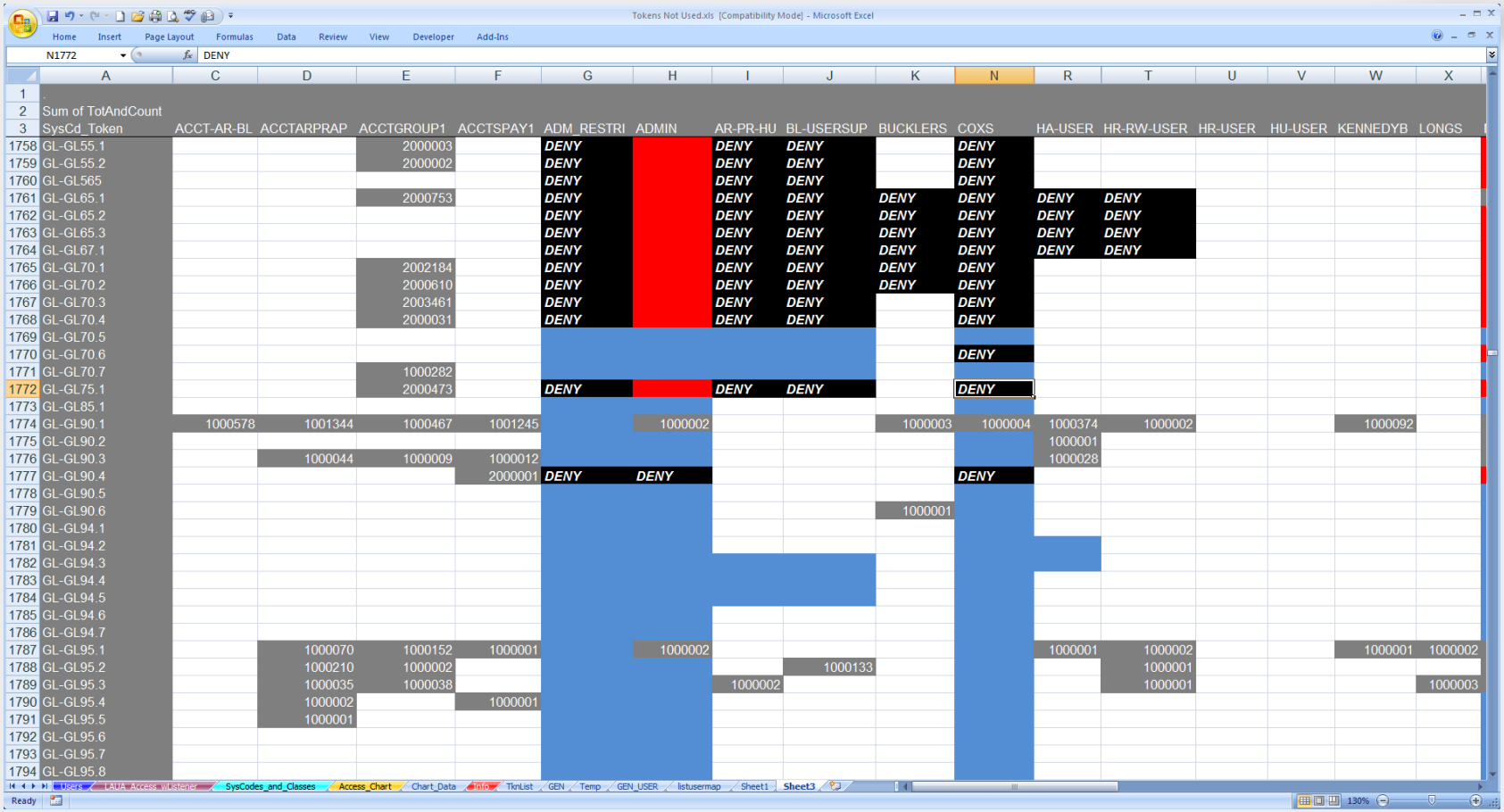
Tokens Not Used.xls [Compatibility Mode] - Microsoft Excel

	A	C	D	E	F	G	H	I	J	K	N	R	T	U	V	W	X
1	.																
2	Sum of TotAndCount																
3	SysCd_Token	ACCT-AR-BL	ACCTARPRAP	ACCTGROUP1	ACCTSPAY1	ADM_RESTRI	ADMIN	AR-PR-HU	BL-USERSUP	BUCKLERS	COXS	HA-USER	HR-RW-USER	HR-USER	HU-USER	KENNEDYB	LONGS
1758	GL-GL55.1			2000003													
1759	GL-GL55.2			2000002													
1760	GL-GL565																
1761	GL-GL65.1			2000753													
1762	GL-GL65.2																
1763	GL-GL65.3																
1764	GL-GL67.1																
1765	GL-GL70.1			2002184													
1766	GL-GL70.2			2000610													
1767	GL-GL70.3			2003461													
1768	GL-GL70.4			2000031													
1769	GL-GL70.5																
1770	GL-GL70.6																
1771	GL-GL70.7			1000282													
1772	GL-GL75.1			2000473													
1773	GL-GL85.1																
1774	GL-GL90.1	1000578	1001344	1000467	1001245		1000002			1000003	1000004	1000374	1000002			1000092	
1775	GL-GL90.2											1000001					
1776	GL-GL90.3		1000044	1000009	1000012							1000028					
1777	GL-GL90.4				2000001												
1778	GL-GL90.5																
1779	GL-GL90.6									1000001							
1780	GL-GL94.1																
1781	GL-GL94.2																
1782	GL-GL94.3																
1783	GL-GL94.4																
1784	GL-GL94.5																
1785	GL-GL94.6																
1786	GL-GL94.7																
1787	GL-GL95.1		1000070	1000152	1000001		1000002					1000001	1000002			1000001	1000002
1788	GL-GL95.2		1000210	1000002					1000133				1000001				
1789	GL-GL95.3		1000035	1000038				1000002					1000001				1000003
1790	GL-GL95.4		1000002		1000001												
1791	GL-GL95.5		1000001														
1792	GL-GL95.6																
1793	GL-GL95.7																
1794	GL-GL95.8																

The Tokens Not Used report combines LAUA access with user activity.

TOKENS NOT USED

Analyze & Tune



Tokens Not Used.xls [Compatibility Mode] - Microsoft Excel

	A	C	D	E	F	G	H	I	J	K	N	R	T	U	V	W	X
1	.																
2	Sum of TotAndCount																
3	SysCd_Token	ACCT-AR-BL	ACCTARPRAP	ACCTGROUP1	ACCTSPAY1	ADM_RESTRI	ADMIN	AR-PR-HU	BL-USERSUP	BUCKLERS	COXS	HA-USER	HR-RW-USER	HR-USER	HU-USER	KENNEDYB	LONGS
1758	GL-GL55.1			2000003		DENY		DENY	DENY		DENY						
1759	GL-GL55.2			2000002		DENY		DENY	DENY		DENY						
1760	GL-GL565					DENY		DENY	DENY		DENY						
1761	GL-GL65.1			2000753		DENY		DENY	DENY	DENY	DENY	DENY	DENY				
1762	GL-GL65.2					DENY		DENY	DENY	DENY	DENY	DENY	DENY				
1763	GL-GL65.3					DENY		DENY	DENY	DENY	DENY	DENY	DENY				
1764	GL-GL67.1					DENY		DENY	DENY	DENY	DENY	DENY	DENY				
1765	GL-GL70.1			2002184		DENY		DENY	DENY	DENY	DENY						
1766	GL-GL70.2			2000610		DENY		DENY	DENY	DENY	DENY						
1767	GL-GL70.3			2003461		DENY		DENY	DENY		DENY						
1768	GL-GL70.4			2000031		DENY		DENY	DENY		DENY						
1769	GL-GL70.5																
1770	GL-GL70.6										DENY						
1771	GL-GL70.7			1000282													
1772	GL-GL75.1			2000473		DENY		DENY	DENY		DENY						
1773	GL-GL85.1																
1774	GL-GL90.1	1000578	1001344	1000467	1001245		1000002			1000003	1000004	1000374	1000002			1000092	
1775	GL-GL90.2											1000001					
1776	GL-GL90.3		1000044	1000009	1000012							1000028					
1777	GL-GL90.4				2000001	DENY	DENY				DENY						
1778	GL-GL90.5																
1779	GL-GL90.6									1000001							
1780	GL-GL94.1																
1781	GL-GL94.2																
1782	GL-GL94.3																
1783	GL-GL94.4																
1784	GL-GL94.5																
1785	GL-GL94.6																
1786	GL-GL94.7																
1787	GL-GL95.1		1000070	1000152	1000001		1000002					1000001	1000002			1000001	1000002
1788	GL-GL95.2		1000210	1000002					1000133				1000001				
1789	GL-GL95.3		1000035	1000038				1000002					1000001				1000003
1790	GL-GL95.4		1000002		1000001												
1791	GL-GL95.5		1000001														
1792	GL-GL95.6																
1793	GL-GL95.7																
1794	GL-GL95.8																

N1772 | DENY

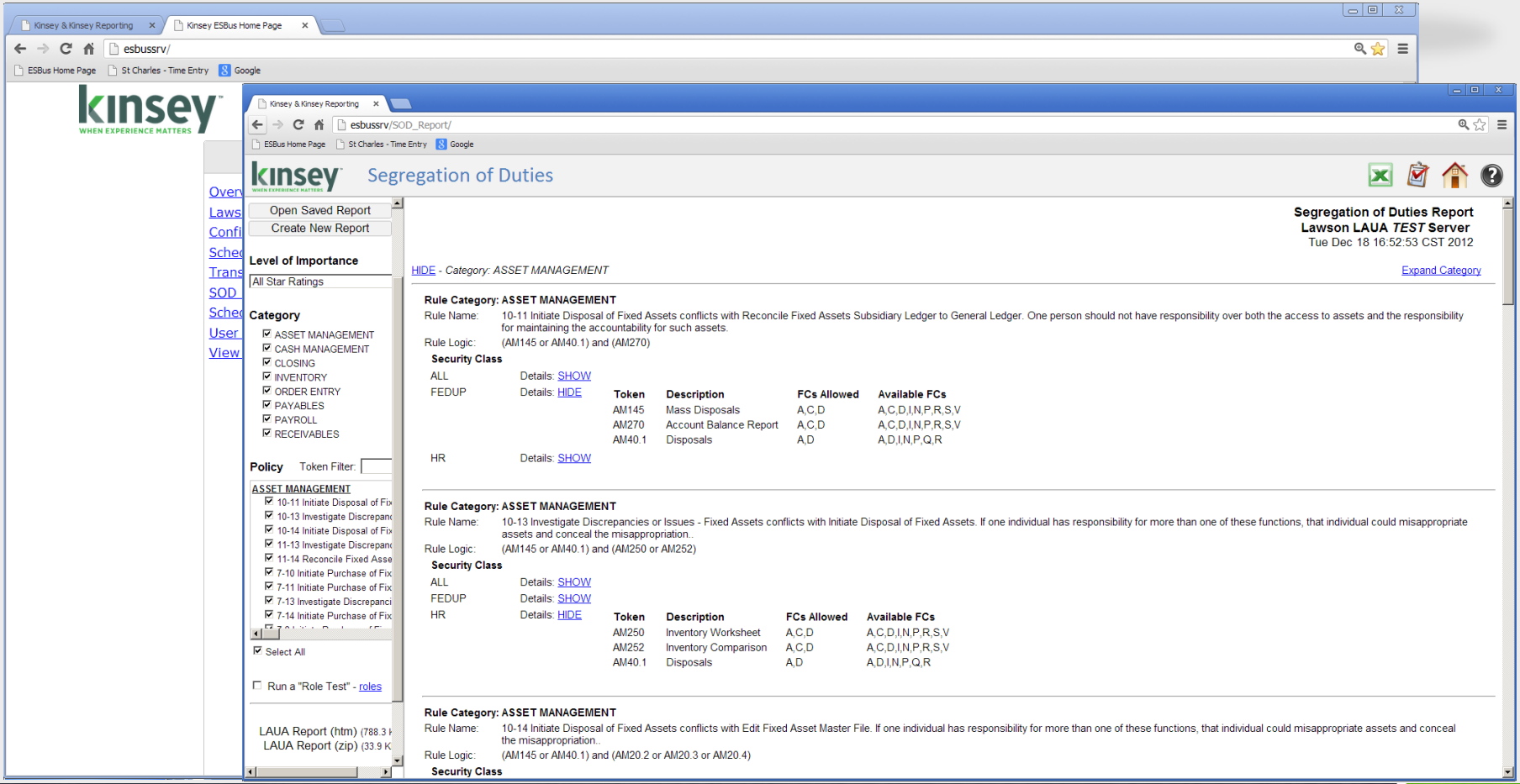
Home | Insert | Page Layout | Formulas | Data | Review | View | Developer | Add-Ins

Users | LDAP Access Violations | SysCodes_and_Classes | Access_Chart | Chart_Data | Info | TknList | GEN | Temp | GEN_USER | listusermap | Sheet1 | Sheet3

Ready | 130%

ANALYZE - SOD

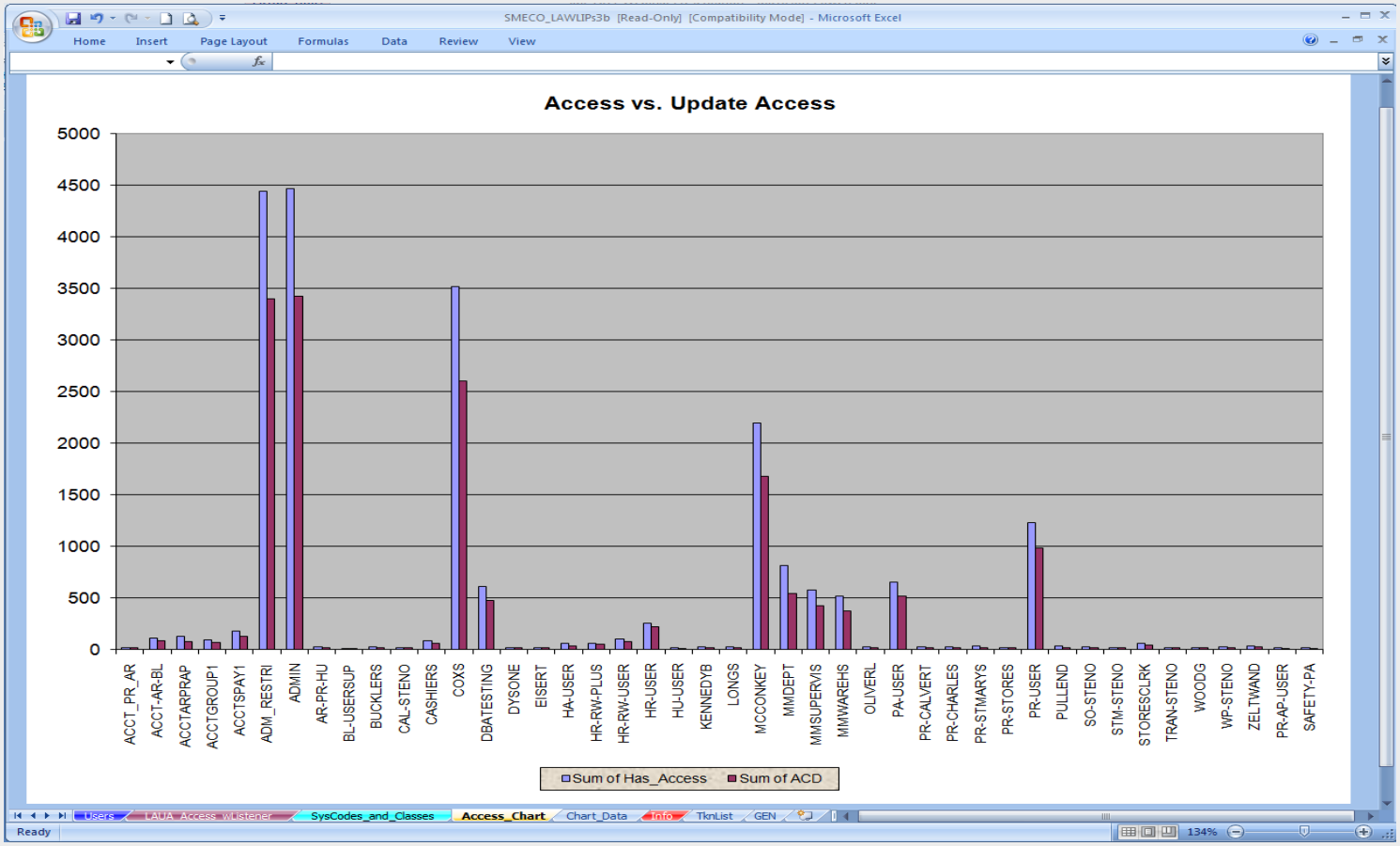
Analyze & Tune



Segregation of Duties (SoD) ensures an appropriate level of checks and balances upon the activities of individuals.

ANALYZE - REPORT

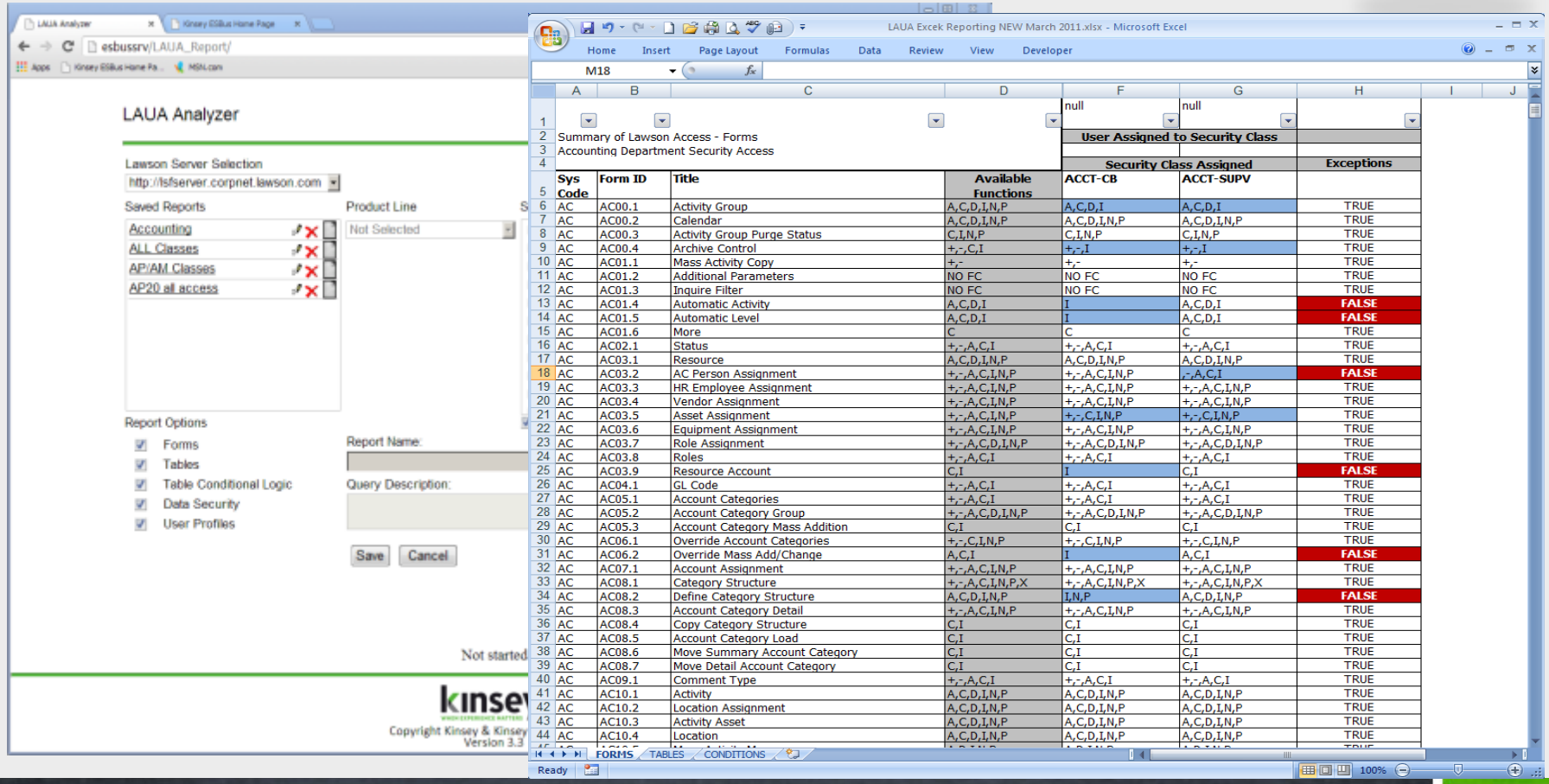
Analyze & Tune



The LAUA Class comparison graph identifies the security classes that may be redundant.

ANALYZE

Analyze & Tune



Sys Code	Form ID	Title	Available Functions	ACCT-CB	ACCT-SUPV	Exceptions
AC	AC00.1	Activity Group	A,C,D,I,N,P	A,C,D,I	A,C,D,I	TRUE
AC	AC00.2	Calendar	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE
AC	AC00.3	Activity Group Purge Status	C,I,N,P	C,I,N,P	C,I,N,P	TRUE
AC	AC00.4	Archive Control	+,-,C,I	+,-,I	+,-,I	TRUE
AC	AC01.1	Mass Activity Copy	+,-	+,-	+,-	TRUE
AC	AC01.2	Additional Parameters	NO FC	NO FC	NO FC	TRUE
AC	AC01.3	Inquire Filter	NO FC	NO FC	NO FC	TRUE
AC	AC01.4	Automatic Activity	A,C,D,I	I	A,C,D,I	FALSE
AC	AC01.5	Automatic Level	A,C,D,I	I	A,C,D,I	FALSE
AC	AC01.6	More	C	C	C	TRUE
AC	AC02.1	Status	+,-,A,C,I	+,-,A,C,I	+,-,A,C,I	TRUE
AC	AC03.1	Resource	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE
AC	AC03.2	AC Person Assignment	+,-,A,C,I,N,P	+,-,A,C,I,N,P	,-,A,C,I	FALSE
AC	AC03.3	HR Employee Assignment	+,-,A,C,I,N,P	+,-,A,C,I,N,P	+,-,A,C,I,N,P	TRUE
AC	AC03.4	Vendor Assignment	+,-,A,C,I,N,P	+,-,A,C,I,N,P	+,-,A,C,I,N,P	TRUE
AC	AC03.5	Asset Assignment	+,-,A,C,I,N,P	+,-,C,I,N,P	+,-,C,I,N,P	TRUE
AC	AC03.6	Equipment Assignment	+,-,A,C,I,N,P	+,-,A,C,I,N,P	+,-,A,C,I,N,P	TRUE
AC	AC03.7	Role Assignment	+,-,A,C,D,I,N,P	+,-,A,C,D,I,N,P	+,-,A,C,D,I,N,P	TRUE
AC	AC03.8	Roles	+,-,A,C,I	+,-,A,C,I	+,-,A,C,I	TRUE
AC	AC03.9	Resource Account	C,I	I	C,I	FALSE
AC	AC04.1	GL Code	+,-,A,C,I	+,-,A,C,I	+,-,A,C,I	TRUE
AC	AC05.1	Account Categories	+,-,A,C,I	+,-,A,C,I	+,-,A,C,I	TRUE
AC	AC05.2	Account Category Group	+,-,A,C,D,I,N,P	+,-,A,C,D,I,N,P	+,-,A,C,D,I,N,P	TRUE
AC	AC05.3	Account Category Mass Addition	C,I	C,I	C,I	TRUE
AC	AC06.1	Override Account Categories	+,-,C,I,N,P	+,-,C,I,N,P	+,-,C,I,N,P	TRUE
AC	AC06.2	Override Mass Add/Change	A,C,I	I	A,C,I	FALSE
AC	AC07.1	Account Assignment	+,-,A,C,I,N,P	+,-,A,C,I,N,P	+,-,A,C,I,N,P	TRUE
AC	AC08.1	Category Structure	+,-,A,C,I,N,P,X	+,-,A,C,I,N,P,X	+,-,A,C,I,N,P,X	TRUE
AC	AC08.2	Define Category Structure	A,C,D,I,N,P	I,N,P	A,C,D,I,N,P	FALSE
AC	AC08.3	Account Category Detail	+,-,A,C,I,N,P	+,-,A,C,I,N,P	+,-,A,C,I,N,P	TRUE
AC	AC08.4	Copy Category Structure	C,I	C,I	C,I	TRUE
AC	AC08.5	Account Category Load	C,I	C,I	C,I	TRUE
AC	AC08.6	Move Summary Account Category	C,I	C,I	C,I	TRUE
AC	AC08.7	Move Detail Account Category	C,I	C,I	C,I	TRUE
AC	AC09.1	Comment Type	+,-,A,C,I	+,-,A,C,I	+,-,A,C,I	TRUE
AC	AC10.1	Activity	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE
AC	AC10.2	Location Assignment	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE
AC	AC10.3	Activity Asset	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE
AC	AC10.4	Location	A,C,D,I,N,P	A,C,D,I,N,P	A,C,D,I,N,P	TRUE

The **LAUA Security Report** allows you to evaluate specific security class settings and differences. This report includes security settings for forms, tables, conditional logic, data security and user profiles.

STEP 2 - BUILD

Conversion Utility

- **Create Security Classes**
- **Create Roles**
- **Assign Security Classes** to **Roles**
- **Assign Roles** to the appropriate **Users**
- **Create LS9 profile** using Lawson's load utilities

BUILD

IC Admin

IC01.1 IC06.1
IC01.2 IC07.1
IC10.1 IC08.1
IC10.2 IC200
IC11.1 IC201
IC11.2 IC202
IC11.3 IC240
IC11.4 IC241
IC11.5 IC242
IC11.6 IC246
IC12.1 IC260
IC12.2 IC262
IC15.1 IC280
IC20.1 IC20.4
IC20.2 IC21.1

IC Super

IC01.1 IC06.1
IC01.2 IC07.1
IC10.1 IC120
IC10.2 IC200
IC11.1 IC201
IC11.2 IC202
IC11.3 IC240
IC11.4 IC241
IC11.5 IC242
IC11.6 IC246
IC12.1 IC260
IC12.2 IC262
IC15.1 IC280
IC20.1 IC20.4
IC20.2 IC21.1

IC Clerk

IC01.1 IC06.1
IC01.2 IC07.1
IC10.1 IC120
IC10.2 IC200
IC11.1 IC201
IC11.2 IC202
IC11.3 IC240
IC11.4 IC241
IC11.5 IC242
IC11.6 IC246
IC12.1 IC260
IC12.2 IC262
IC15.1 IC280
IC20.1 IC20.4
IC20.2 IC21.1

IC Assist

IC01.1 IC06.1
IC01.2 IC07.1
IC10.1 IC120
IC10.2 IC200
IC11.1 IC201
IC11.2 IC202
IC11.3 IC240
IC11.4 IC241
IC11.5 IC242
IC11.6 IC246
IC12.1 IC260
IC12.2 IC262
IC15.1 IC280
IC20.1 IC20.4
IC20.2 IC21.1

Inventory01

IC240 IC246
IC241 IC260
IC242 IC262
IC280

Inventory02

IC10.1 IC12.1
IC10.2 IC12.2
IC11.1 IC15.1
IC11.2 IC20.4
IC11.3 IC21.1
IC11.4 IC20.2
IC11.5 IC20.1
IC11.6

Inventory03

IC01.1 IC08.1
IC01.2 IC200
IC06.1 IC201
IC07.1 IC202

Inventory04

IC11.1
IC11.2
IC11.3
IC11.4
IC11.5

Inventory05

IC11.6
IC20.1
IC20.2
IC20.4
IC21.1

Find common form access between Security Classes

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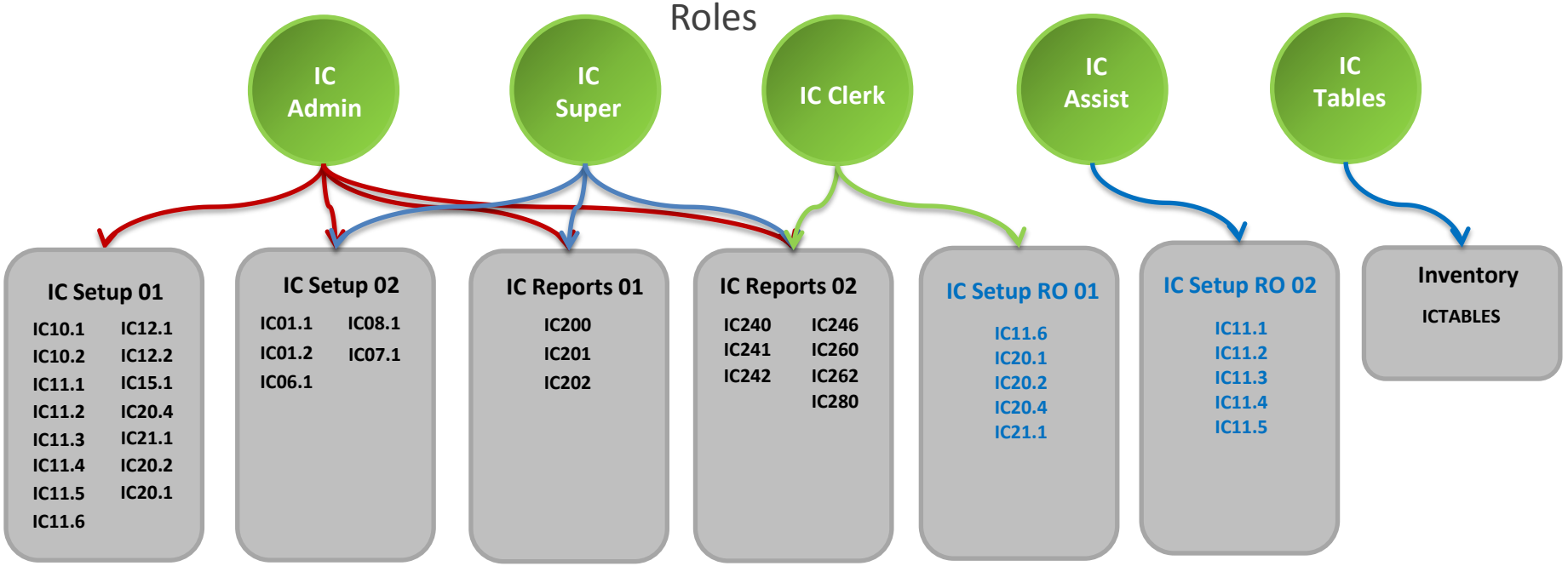
WHEN EXPERIENCE MATTERS

BUILD

Roles



Security Class Categories: Setup, Processing, Analysis, Update Batch Job, Purge Batches, Reports, Interfaces, and Miscellaneous.

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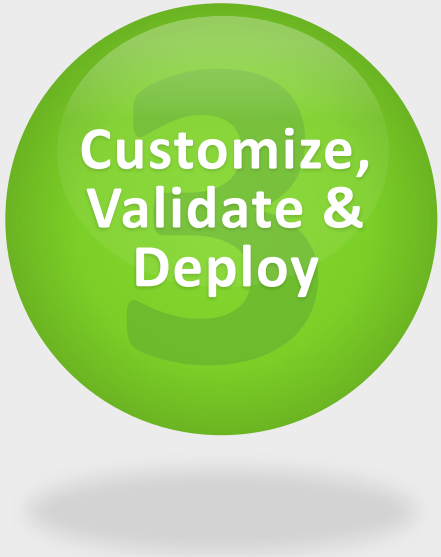
WHEN EXPERIENCE MATTERS

STEP 3

- Compare and **tune form access rules**
- Evaluate and **create conditional logic**
- **Validate** User access
- **Activate** Security 9



OUTLIER REPORT

Customize, Validate & Deploy

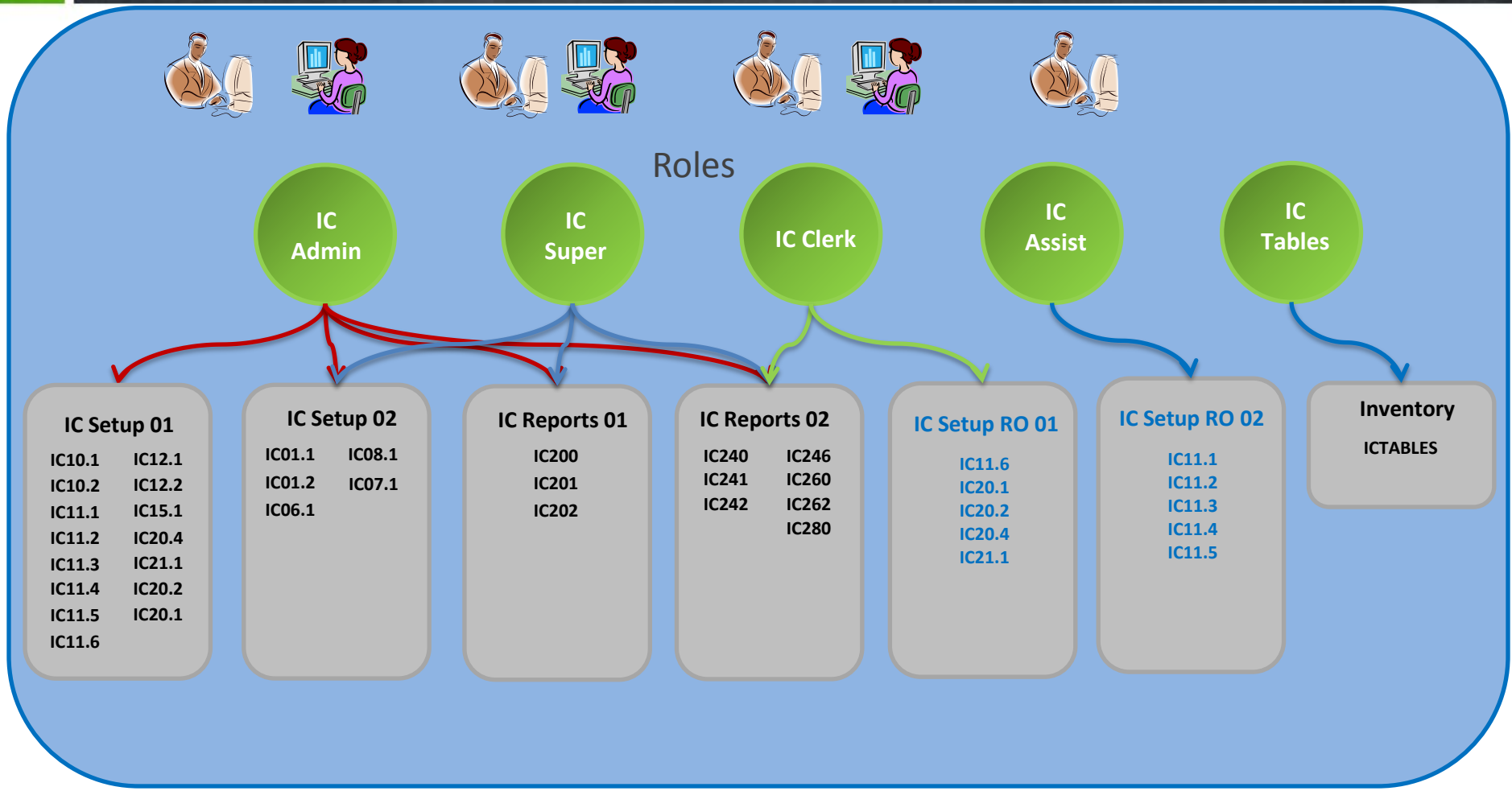
SMPqry02_Outliers_with_Roles

Batch	LAUA_SecClass	Title	Token	Allowed	Disallowed	LS9Role	TASK	Rule
OnLine	APSUPER	Override Mass Add/Change	AC06.2	AI	C	APSuper	ActivityManagem60	INP+-
OnLine	ASSTCNTRLR	Category Structure	AC08.1	+-INPX	AC	AsstController	ActivityManagem1	INP+-
OnLine	ACINQRY	Category Structure	AC08.1	+-INPX	AC	ACInquiry	ActivityManagem1	INP+-
OnLine	FACILITY	Category Structure	AC08.1	+-INPX	AC	Facility	ActivityManagem1	INP+-
OnLine	ACINQRY	Activity Period of Performance	AC10.6	+-ILNP	AC	ACInquiry	ActivityManagem31	INP+-
OnLine	FACILITY	Activity Period of Performance	AC10.6	+-ILNP	AC	Facility	ActivityManagem31	INP+-
OnLine	APSUPER	More	AC11.2	A	C	APSuper	ActivityManagem12	INP+-
OnLine	INTAUD	Summary Account Category Attributes	AC16.1	+-NP	ACI	IntAud	ActivityManagem20	INP+-
OnLine	INTAUD	Detail Account Category Attributes	AC16.2	+-NP	ACI	IntAud	ActivityManagem20	INP+-
OnLine	APSUPER	Units of Measure	AC17.1	+-AI	C	APSuper	ActivityManagem1	INP+-
Batch	FINSRACTIT	Burden Recalculation Based on Total Cost	AC197	INPRSV	ACD	FinSrAcctIT	ActivityManagem29	IJMNPR
Batch	FINSRACCT	Burden Recalculation Based on Total Cost	AC197	INPRSV	ACD	FinSrAcct	ActivityManagem29	IJMNPR
OnLine	ASSTCNTRLR	Activity Budgets by Activity	AC20.4	+-ILNP	C	AsstController	ActivityManagem1	INP+-
OnLine	CONTROLLER	Activity Budgets by Activity	AC20.4	+-ILNP	C	Controller	ActivityManagem1	INP+-
OnLine	FACILITY	Activity Budgets by Activity	AC20.4	+-ILNP	C	Facility	ActivityManagem1	INP+-
OnLine	CONTROLLER	Activity Budgets by Account Category	AC20.5	+-ILNP	C	Controller	ActivityManagem1	INP+-
OnLine	ASSTCNTRLR	Activity Budgets by Account Category	AC20.5	+-ILNP	C	AsstController	ActivityManagem1	INP+-
OnLine	FACILITY	Activity Budgets by Account Category	AC20.5	+-ILNP	C	Facility	ActivityManagem1	INP+-
OnLine	FACILITY	Life Only Budget Change Order	AC21.1	ILNP	ACD	Facility	ActivityManagem56	INP+-
OnLine	FACILITY	Annual Budget Change Order	AC21.2	+-ILNP	ACD	Facility	ActivityManagem56	INP+-
OnLine	FACILITY	Period Budget Change Order	AC21.3	+-ILNP	ACD	Facility	ActivityManagem56	INP+-
OnLine	FACILITY	Activity Budget Change Orders by Activity	AC21.4	+-ILNP	ACD	Facility	ActivityManagem56	INP+-
OnLine	APSUPER	Change Order Approval	AC22.1	DINP	CR	APSuper	ActivityManagem41	INP+-
OnLine	MMADMIN	Change Order Approval	AC22.1	DINP	CR	MMADMIN	ActivityManagem41	INP+-
OnLine	ASSTCNTRLR	Allocation Group	AC37.1	+-INPRU	ACD	AsstController	ActivityManagem34	INP+-
OnLine	APSUPER	Allocation Group	AC37.1	+-INPRU	ACD	APSuper	ActivityManagem34	INP+-
OnLine	INTAUD	Allocation Group	AC37.1	+-INPRU	ACD	IntAud	ActivityManagem34	INP+-
OnLine	ACINQRY	Allocation Group	AC37.1	+-INPRU	ACD	ACInquiry	ActivityManagem34	INP+-
OnLine	INTAUD	Allocation Group by Step	AC37.2	+-INPRU	ACD	IntAud	ActivityManagem34	INP+-
OnLine	ASSTCNTRLR	Allocation Group by Step	AC37.2	+-INPRU	ACD	AsstController	ActivityManagem34	INP+-
OnLine	APSUPER	Allocation Group by Step	AC37.2	+-INPRU	ACD	APSuper	ActivityManagem34	INP+-
OnLine	ACINQRY	Allocation Group by Step	AC37.2	+-INPRU	ACD	ACInquiry	ActivityManagem34	INP+-
OnLine	FINSRACTIT	Units of Production Table Periods	AM02.2	BFI	AC	FinSrAcctIT	AssetManagement21	INP+-
OnLine	INTAUD	Units of Production Table Periods	AM02.2	BFI	AC	IntAud	AssetManagement21	INP+-
OnLine	FINSRACCT	Units of Production Table Periods	AM02.2	BFI	AC	FinSrAcct	AssetManagement21	INP+-
OnLine	FINSTFACCT	Units of Production Table Periods	AM02.2	BFI	AC	FinStfAcct	AssetManagement21	INP+-
OnLine	ASSTCNTRLR	Units of Production Table Periods	AM02.2	BFI	AC	AsstController	AssetManagement21	INP+-
OnLine	CONTROLLER	Depreciation Allocation	AM06.6	+-INPRU	ACD	Controller	AssetManagement13	INP+-

Record: 47 of 470 | Unfiltered | Search

The outlier report provides an LS9 Role to LAUA Class function code comparison.

LS9 Structure – add conditional rules



Conditional Logic

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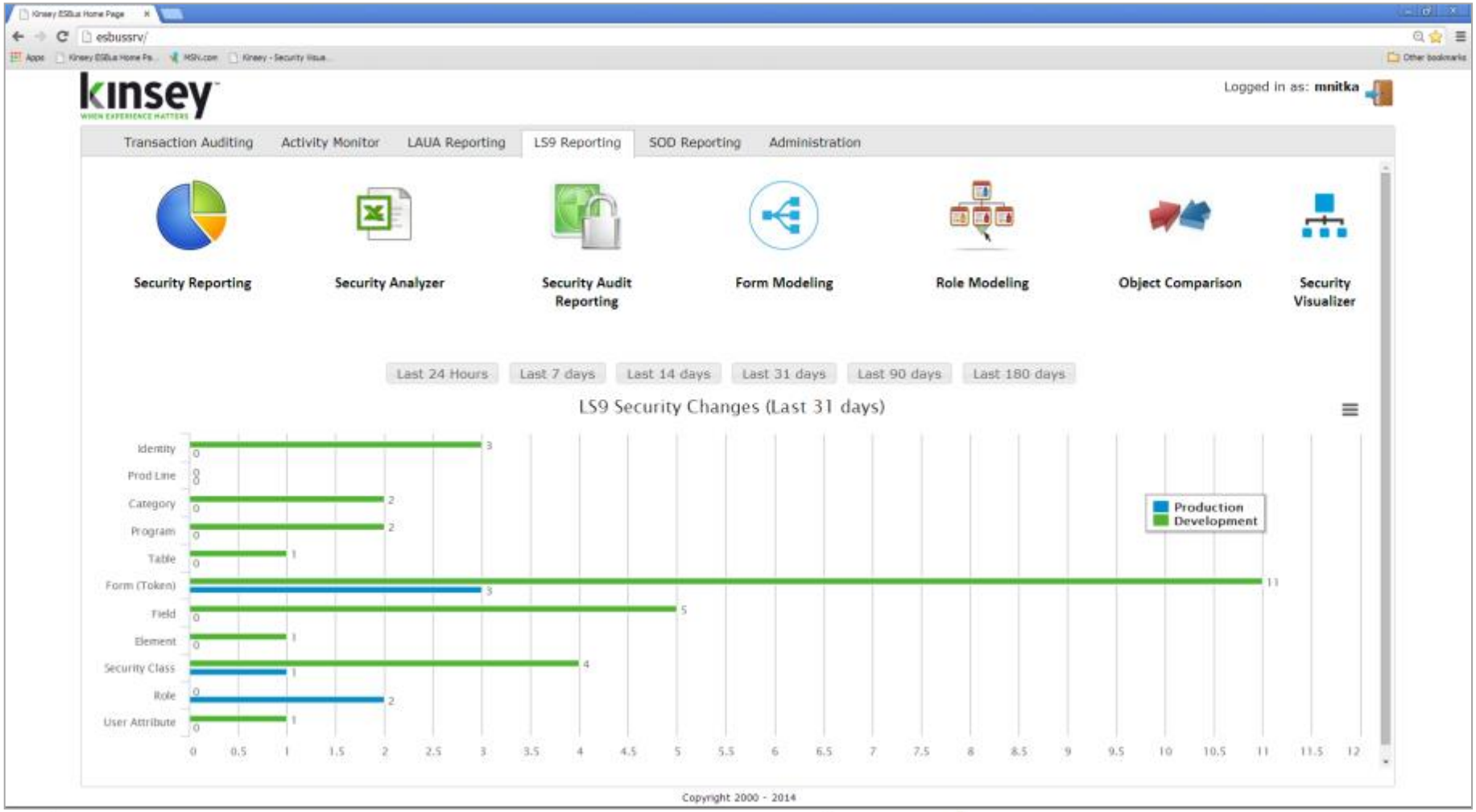
WHEN EXPERIENCE MATTERS

Security Dashboard



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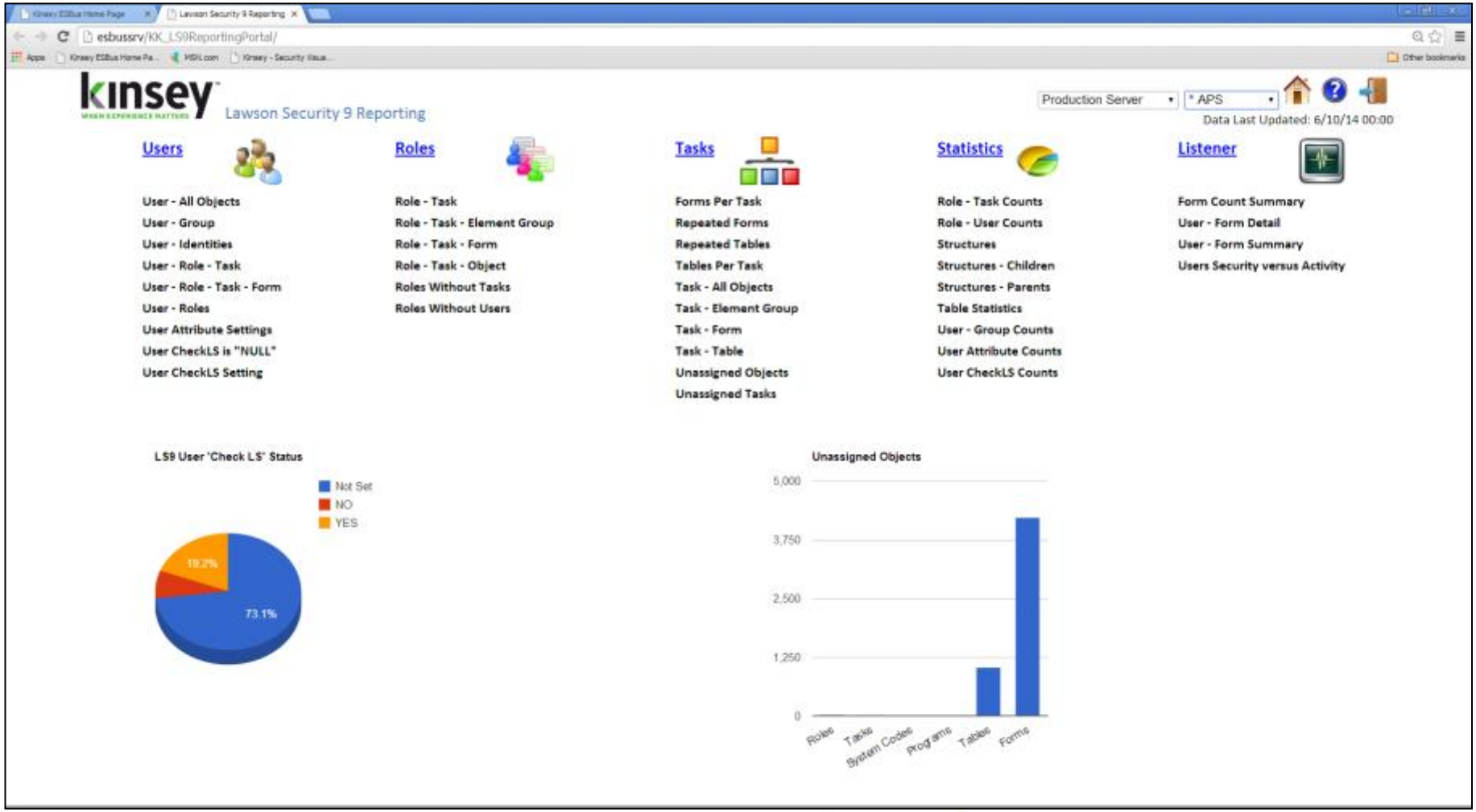
WHEN EXPERIENCE MATTERS

Security Dashboard – Security Admin Reports



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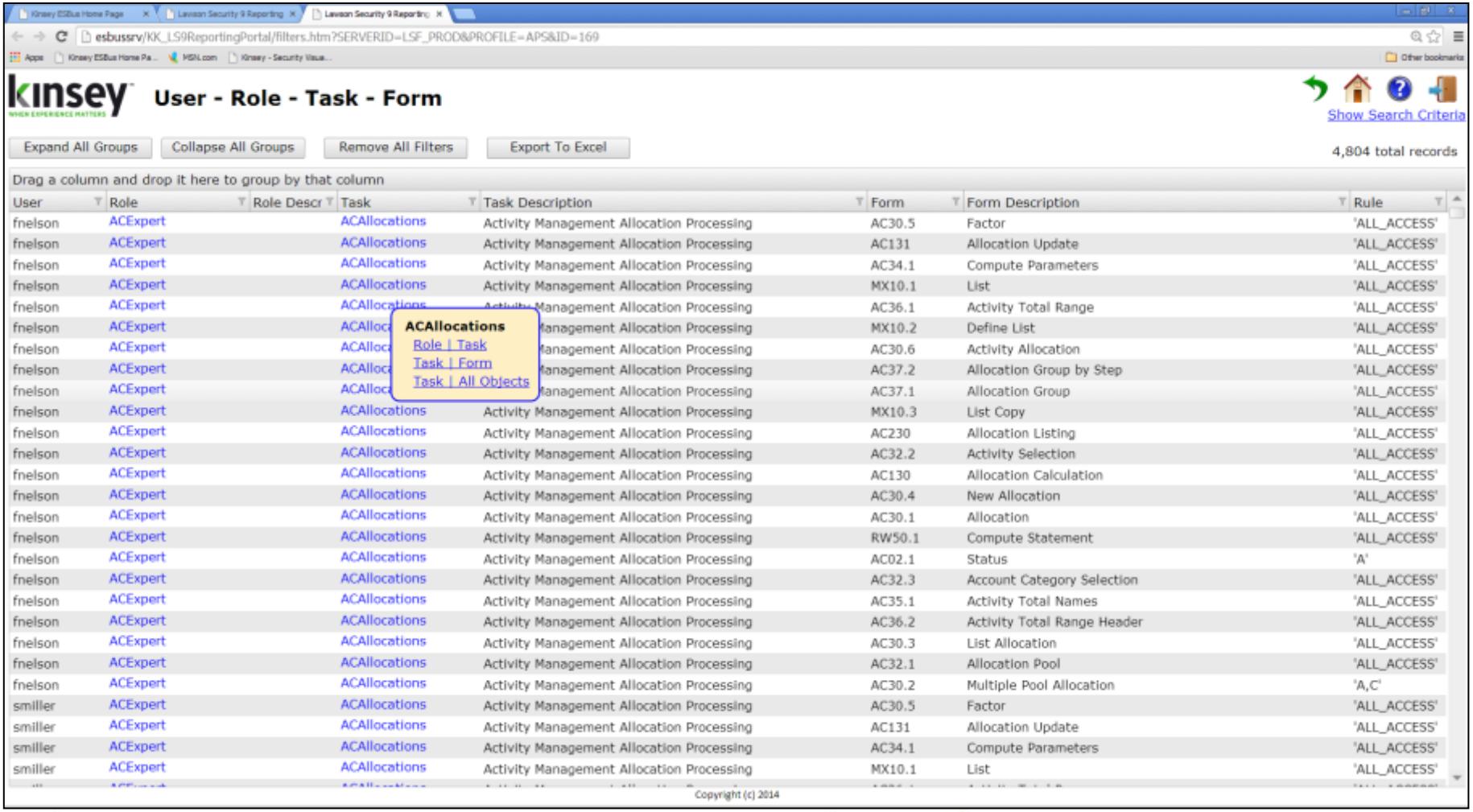
WHEN EXPERIENCE MATTERS

Security Dashboard – Security Admin Reports



User	Role	Role Descr	Task	Task Description	Form	Form Description	Rule
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.5	Factor	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC131	Allocation Update	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC34.1	Compute Parameters	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	MX10.1	List	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC36.1	Activity Total Range	'ALL_ACCESS'
fnelson	ACExpert		ACAlloca	anagement Allocation Processing	MX10.2	Define List	'ALL_ACCESS'
fnelson	ACExpert		ACAlloca	anagement Allocation Processing	AC30.6	Activity Allocation	'ALL_ACCESS'
fnelson	ACExpert		ACAlloca	anagement Allocation Processing	AC37.2	Allocation Group by Step	'ALL_ACCESS'
fnelson	ACExpert		ACAlloca	anagement Allocation Processing	AC37.1	Allocation Group	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	MX10.3	List Copy	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC230	Allocation Listing	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC32.2	Activity Selection	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC130	Allocation Calculation	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.4	New Allocation	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.1	Allocation	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	RW50.1	Compute Statement	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC02.1	Status	'A'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC32.3	Account Category Selection	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC35.1	Activity Total Names	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC36.2	Activity Total Range Header	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.3	List Allocation	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC32.1	Allocation Pool	'ALL_ACCESS'
fnelson	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.2	Multiple Pool Allocation	'A,C'
smiller	ACExpert		ACAllocations	Activity Management Allocation Processing	AC30.5	Factor	'ALL_ACCESS'
smiller	ACExpert		ACAllocations	Activity Management Allocation Processing	AC131	Allocation Update	'ALL_ACCESS'
smiller	ACExpert		ACAllocations	Activity Management Allocation Processing	AC34.1	Compute Parameters	'ALL_ACCESS'
smiller	ACExpert		ACAllocations	Activity Management Allocation Processing	MX10.1	List	'ALL_ACCESS'

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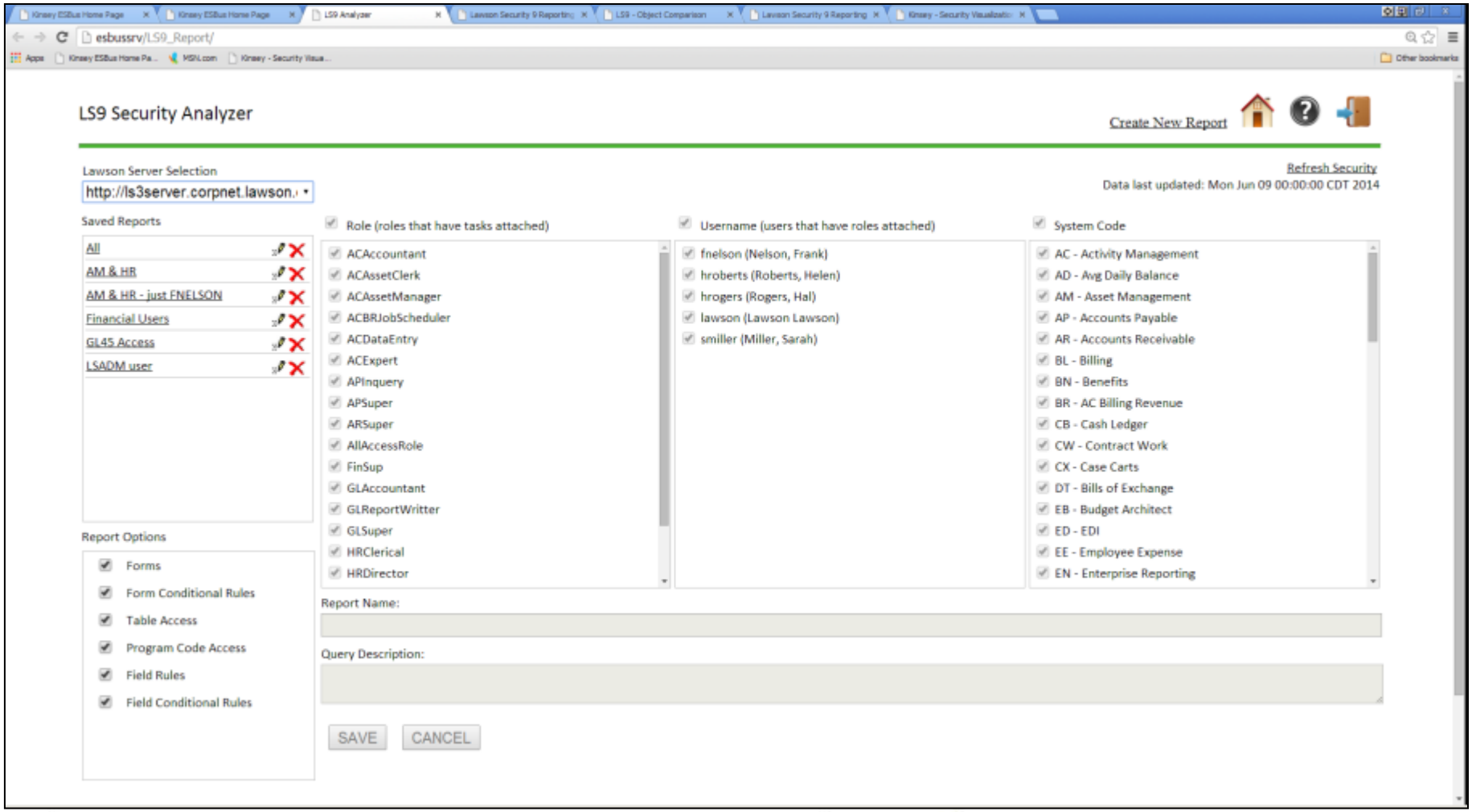
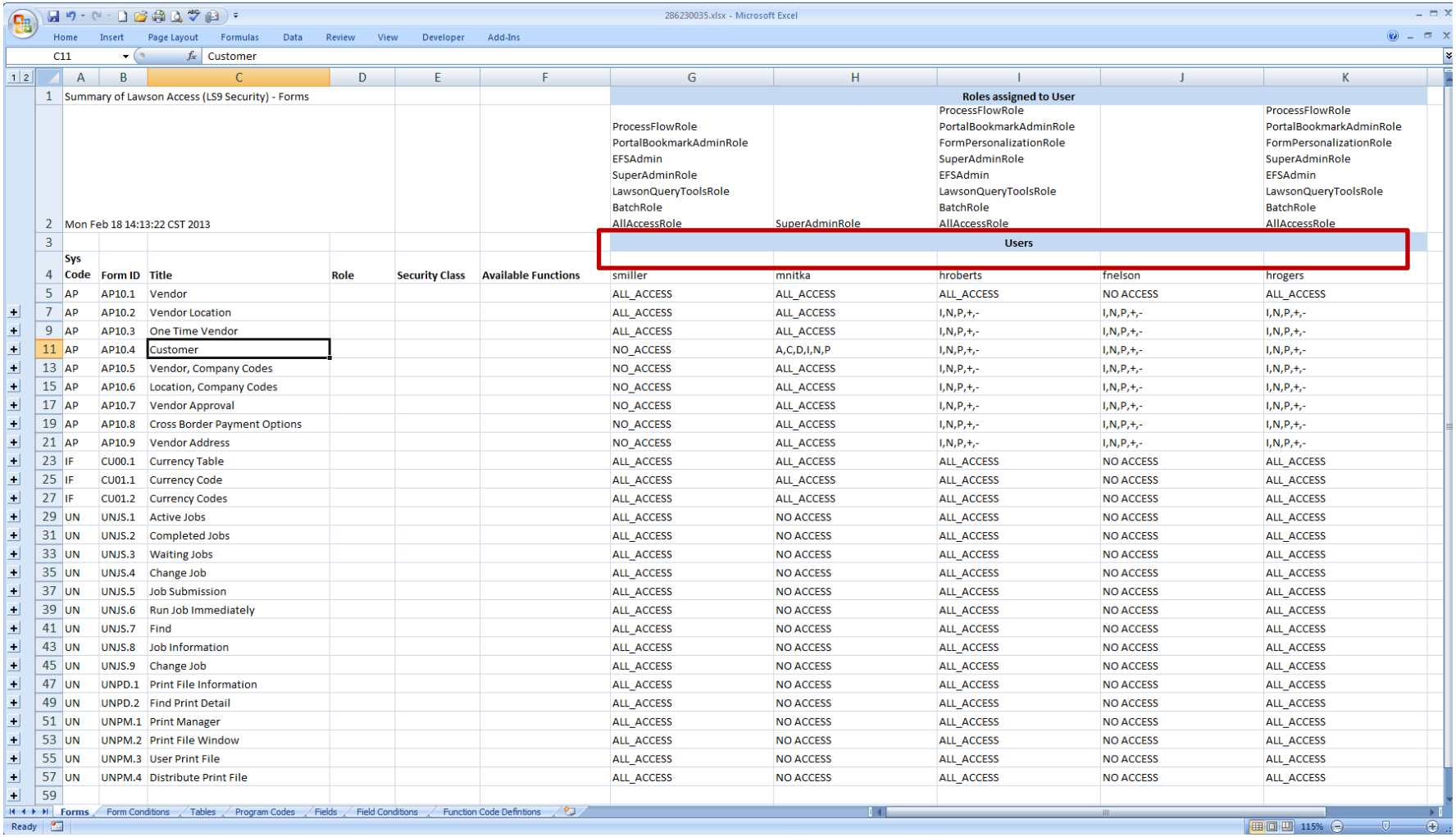
WHEN EXPERIENCE MATTERS

Security Dashboard – Security Reports for Audit Review



Security Dashboard – Security Reports for Audit Review



286230035.xlsx - Microsoft Excel

Home | Insert | Page Layout | Formulas | Data | Review | View | Developer | Add-Ins

C11 | Customer

	A	B	C	D	E	F	G	H	I	J	K
1	Summary of Lawson Access (LS9 Security) - Forms								Roles assigned to User		
2	Mon Feb 18 14:13:22 CST 2013						ProcessFlowRole PortalBookmarkAdminRole EFSAdmin SuperAdminRole LawsonQueryToolsRole BatchRole AllAccessRole	SuperAdminRole	ProcessFlowRole PortalBookmarkAdminRole FormPersonalizationRole SuperAdminRole EFSAdmin LawsonQueryToolsRole BatchRole AllAccessRole		ProcessFlowRole PortalBookmarkAdminRole FormPersonalizationRole SuperAdminRole EFSAdmin LawsonQueryToolsRole BatchRole AllAccessRole
3									Users		
4	Sys Code	Form ID	Title	Role	Security Class	Available Functions	smiller	mnitka	hroberts	fnelson	hrogers
5	AP	AP10.1	Vendor				ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
7	AP	AP10.2	Vendor Location				ALL_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
9	AP	AP10.3	One Time Vendor				ALL_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
11	AP	AP10.4	Customer				NO_ACCESS	A,C,D,I,N,P	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
13	AP	AP10.5	Vendor, Company Codes				NO_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
15	AP	AP10.6	Location, Company Codes				NO_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
17	AP	AP10.7	Vendor Approval				NO_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
19	AP	AP10.8	Cross Border Payment Options				NO_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
21	AP	AP10.9	Vendor Address				NO_ACCESS	ALL_ACCESS	I,N,P,+,-	I,N,P,+,-	I,N,P,+,-
23	IF	CU00.1	Currency Table				ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
25	IF	CU01.1	Currency Code				ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
27	IF	CU01.2	Currency Codes				ALL_ACCESS	ALL_ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
29	UN	UNJS.1	Active Jobs				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
31	UN	UNJS.2	Completed Jobs				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
33	UN	UNJS.3	Waiting Jobs				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
35	UN	UNJS.4	Change Job				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
37	UN	UNJS.5	Job Submission				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
39	UN	UNJS.6	Run Job Immediately				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
41	UN	UNJS.7	Find				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
43	UN	UNJS.8	Job Information				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
45	UN	UNJS.9	Change Job				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
47	UN	UNPD.1	Print File Information				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
49	UN	UNPD.2	Find Print Detail				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
51	UN	UNPM.1	Print Manager				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
53	UN	UNPM.2	Print File Window				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
55	UN	UNPM.3	User Print File				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
57	UN	UNPM.4	Distribute Print File				ALL_ACCESS	NO ACCESS	ALL_ACCESS	NO ACCESS	ALL_ACCESS
59											

Forms | Form Conditions | Tables | Program Codes | Fields | Field Conditions | Function Code Definitions

Ready | 115%

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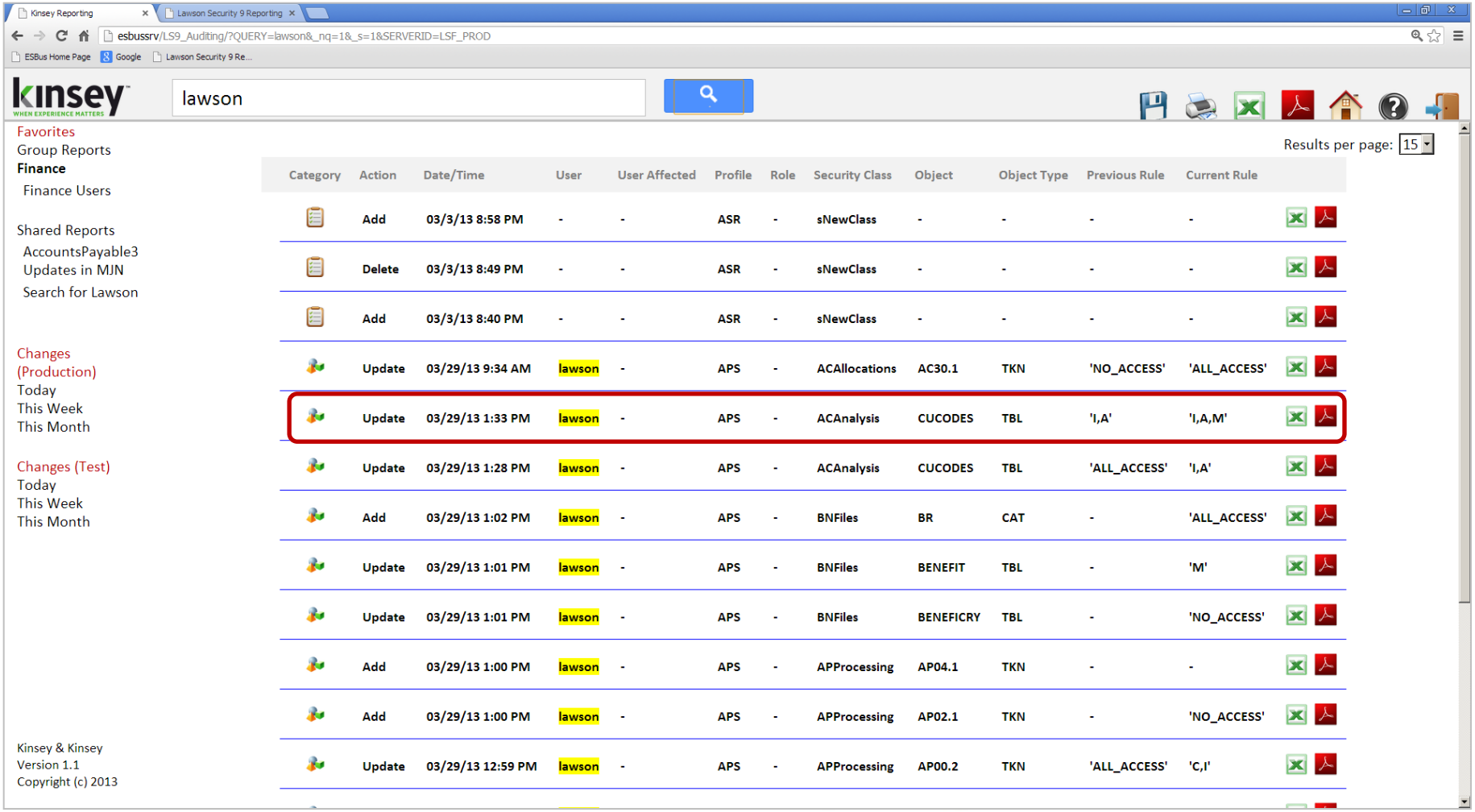
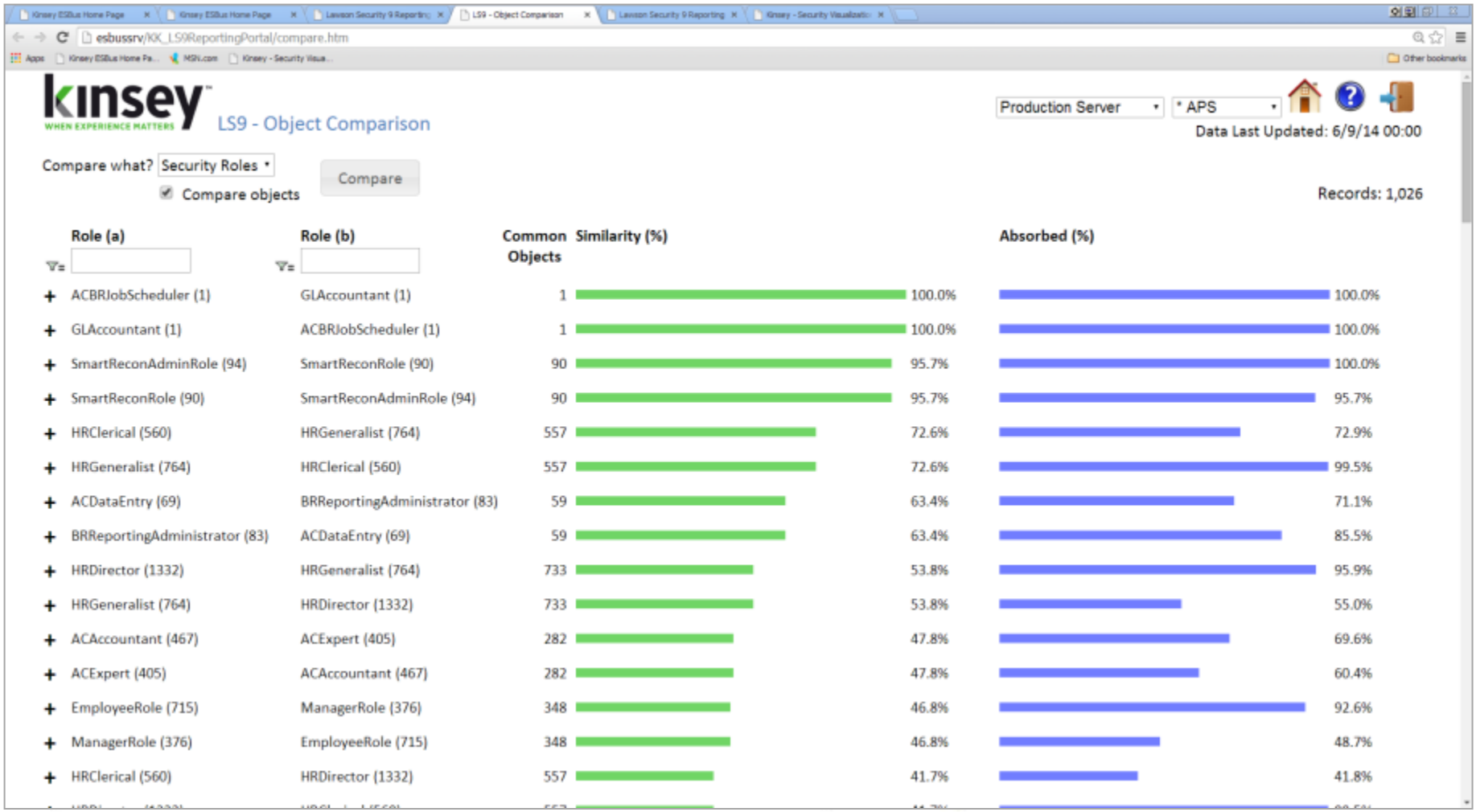
WHEN EXPERIENCE MATTERS

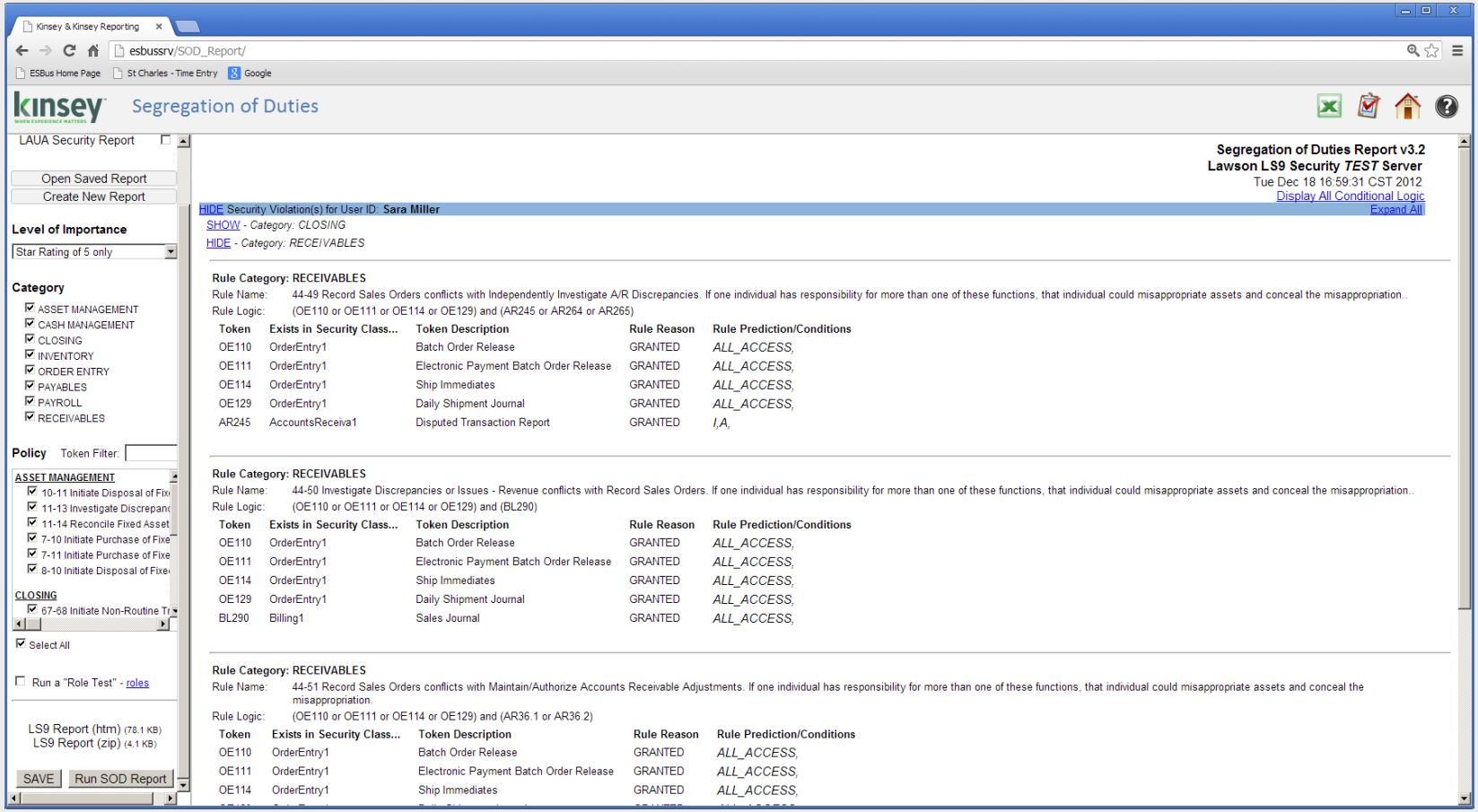
Security Dashboard – Security Change Reporting



Security Dashboard – Object Comparison



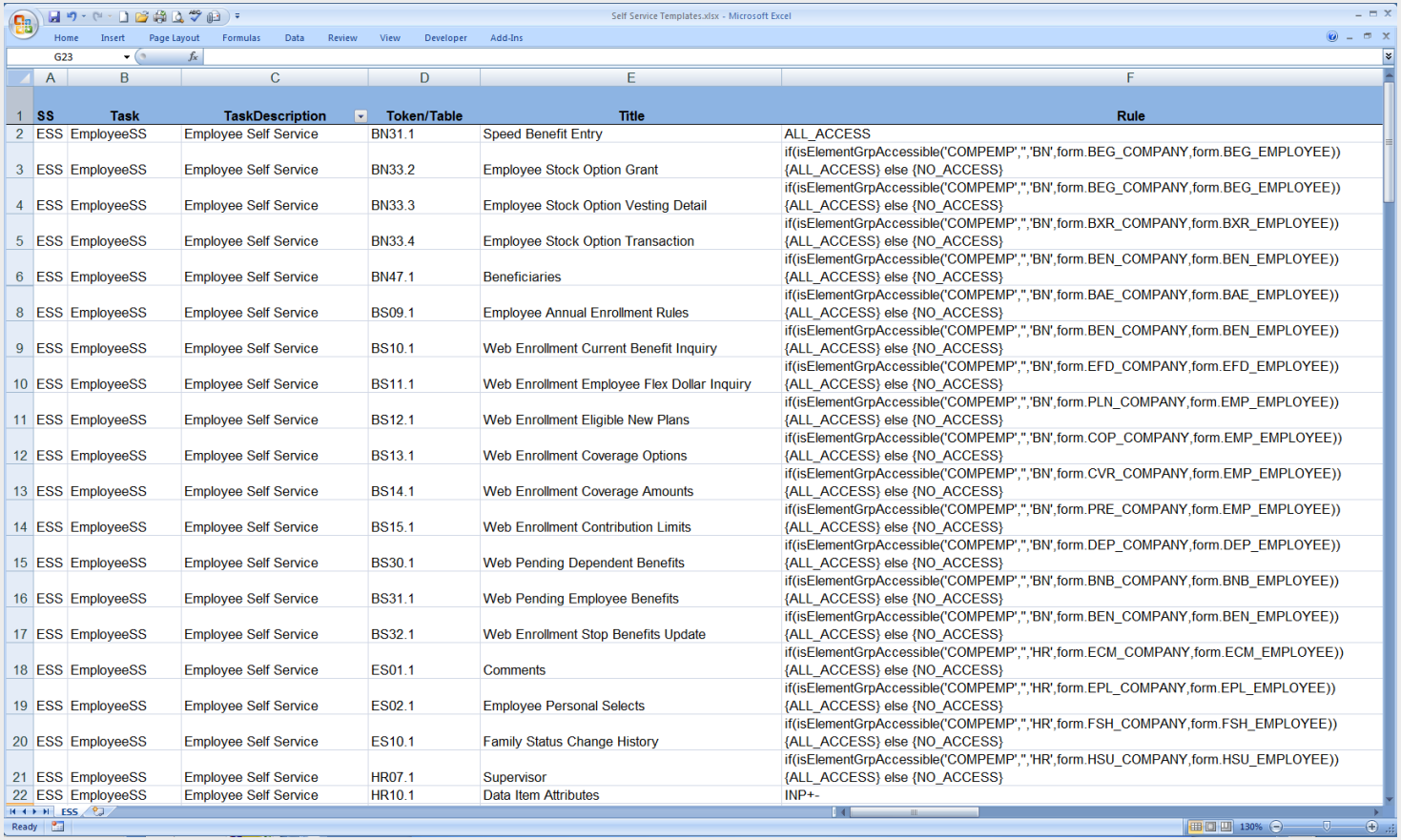
VALIDATE - SOD



Segregation of Duties ensures an appropriate level of checks and balances upon the activities of individuals.

SELF SERVICE

Customize, Validate & Deploy



SS	Task	TaskDescription	Token/Table	Title	Rule
ESS	EmployeeSS	Employee Self Service	BN31.1	Speed Benefit Entry	ALL_ACCESS
ESS	EmployeeSS	Employee Self Service	BN33.2	Employee Stock Option Grant	if(isElementGrpAccessible('COMPEMP','','BN',form.BEG_COMPANY,form.BEG_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BN33.3	Employee Stock Option Vesting Detail	if(isElementGrpAccessible('COMPEMP','','BN',form.BEG_COMPANY,form.BEG_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BN33.4	Employee Stock Option Transaction	if(isElementGrpAccessible('COMPEMP','','BN',form.BXR_COMPANY,form.BXR_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BN47.1	Beneficiaries	if(isElementGrpAccessible('COMPEMP','','BN',form.BEN_COMPANY,form.BEN_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS09.1	Employee Annual Enrollment Rules	if(isElementGrpAccessible('COMPEMP','','BN',form.BAE_COMPANY,form.BAE_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS10.1	Web Enrollment Current Benefit Inquiry	if(isElementGrpAccessible('COMPEMP','','BN',form.BEN_COMPANY,form.BEN_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS11.1	Web Enrollment Employee Flex Dollar Inquiry	if(isElementGrpAccessible('COMPEMP','','BN',form.EFD_COMPANY,form.EFD_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS12.1	Web Enrollment Eligible New Plans	if(isElementGrpAccessible('COMPEMP','','BN',form.PLN_COMPANY,form.EMP_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS13.1	Web Enrollment Coverage Options	if(isElementGrpAccessible('COMPEMP','','BN',form.COP_COMPANY,form.EMP_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS14.1	Web Enrollment Coverage Amounts	if(isElementGrpAccessible('COMPEMP','','BN',form.CVR_COMPANY,form.EMP_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS15.1	Web Enrollment Contribution Limits	if(isElementGrpAccessible('COMPEMP','','BN',form.PRE_COMPANY,form.EMP_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS30.1	Web Pending Dependent Benefits	if(isElementGrpAccessible('COMPEMP','','BN',form.DEP_COMPANY,form.DEP_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS31.1	Web Pending Employee Benefits	if(isElementGrpAccessible('COMPEMP','','BN',form.BNB_COMPANY,form.BNB_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	BS32.1	Web Enrollment Stop Benefits Update	if(isElementGrpAccessible('COMPEMP','','BN',form.BEN_COMPANY,form.BEN_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	ES01.1	Comments	if(isElementGrpAccessible('COMPEMP','','HR',form.ECM_COMPANY,form.ECM_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	ES02.1	Employee Personal Selects	if(isElementGrpAccessible('COMPEMP','','HR',form.EPL_COMPANY,form.EPL_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	ES10.1	Family Status Change History	if(isElementGrpAccessible('COMPEMP','','HR',form.FSH_COMPANY,form.FSH_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	HR07.1	Supervisor	if(isElementGrpAccessible('COMPEMP','','HR',form.HSU_COMPANY,form.HSU_EMPLOYEE)) {ALL_ACCESS} else {NO_ACCESS}
ESS	EmployeeSS	Employee Self Service	HR10.1	Data Item Attributes	INP+-

Standard templates for ESS, MSS, and RQC are delivered with SMP.

SERVICES

- Security Overview and Kickoff
- Software Installation
- Technical Support
- Kinsey Project Manager
- Report Training
- Creation of Security Classes and Roles
- Security Class and Rule Analysis
- Assist with Data Element Security
- Assist with Conditional Logic
- Proof of Concept Workshop
- Security Testing
- Security Training
- Go Live Support

TOOLS

- Listener (Activity Monitor)
- Security Builder
- Segregation of Duties Reporting
- Security Dashboard

DOCUMENTATION

- Implementation Project Plan
- Project Status Reports
- Client Security Assessment Guide
- Productive Preparation Practices Document
- Security Setup Documentation
- Testing Process Documentation
- SMP Technical Documentation
- SMP User Documentation
- Testing Strategy
- Troubleshooting Checklist
- How Single Sign-on Works Document
- Listener Pivot Tables
- LAUA Audit Reports
- Outlier Report
- SOD Violation Report

HIGHLIGHTS

- ✓ Takes advantage of the **knowledge** already put into LAUA security
- ✓ Utilizes **actual form usage** to fine tune security settings
- ✓ **Re-engineers** LAUA to automatically build your LS9 security model
- ✓ Includes all **Custom Forms** created in your system
- ✓ Leverages **Lawson's utilities** for building LDAP
- ✓ Takes **significantly less time** than other methods
- ✓ Requires **less of your resources**
- ✓ It's built around **your business practices**

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WHEN EXPERIENCE MATTERS

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