



Dear Customer,

The CSI tools team would like to announce the release of CSI tools 2016 build
CSI tools 2016 is available for download at your [customer center](#).

In order to be able to benefit from all new features and improved functionality we recommend upgrading to 2016. The details of this new release can be found in this release note.

We hope you enjoy using this new release of CSI tools!

If you have any questions or problems, please consult our support team:
support@csi-tools.com

Be informed and keep updated about CSI tools, follow us on:

[LinkedIn](#): <https://www.linkedin.com/company/csi-tools>,

[LinkedIn CSI tools Group](#): <https://www.linkedin.com/grp/home?gid=84893>

[Twitter](#): <https://twitter.com/csitools>

[Google+](#): <https://plus.google.com/u/0/+CSIttools>

[Facebook](#): <https://www.facebook.com/CSIttools>



Release notes CSI tools Release 2016

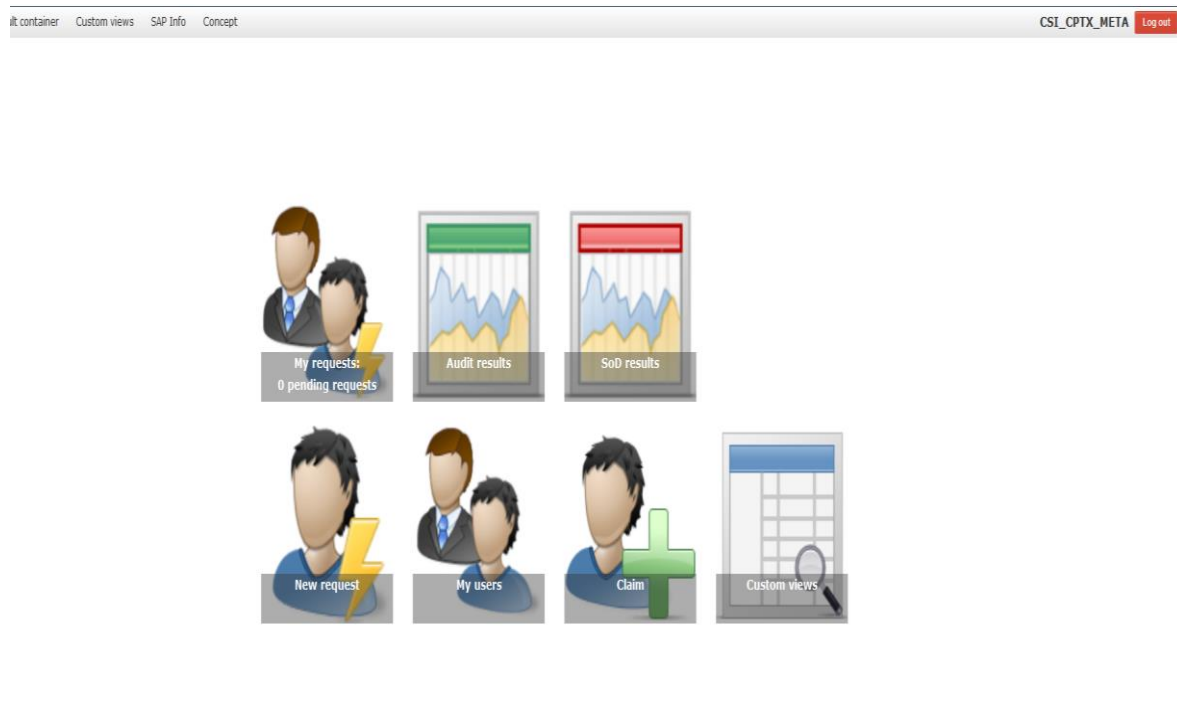
New features	3
CSI Authorization Auditor improvements	13
CSI Role Build & Manage improvements	14
CSI Integrate & Collaborate improvements	15
CSI Automated Request Engine improvements	15

New features

One click audit button. The application can run all steps of the audit with one click on the One Click Audit Button. This functionality is configured in the Configuration – application settings.



- **New web interface.** With user friendly tiles.

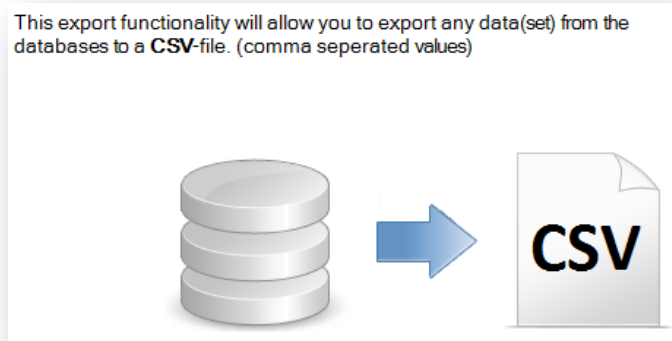


- **Frequency information on executed transactions/queries/SoD.** The frequency information tells you the frequency that a transaction has been performed by the user.

Variable	Query	Description	Query variant	A	T	E	F	Norm	Reason code	Sox classification	Logical			
	FAPPPA	Maintain A/P Payment Run	<NA>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		N	NC	SOX_H	DEMO			
Profile (causing)		Role (causing)	E	Last used	A	T	V	Role (assigned)		c	E	Last use	Valid from	Valid until
FXXXXAPPRA		S99FXXXXAPPRA	<input checked="" type="checkbox"/>	03/2012	2/3	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			
SXXXXBASEA		S99SXXXXBASEA	<input checked="" type="checkbox"/>	03/2012	1/3	<input type="checkbox"/>	<input type="checkbox"/>	S99Z-XXXX-AR_CLERK		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	03/2012	26/11/2012	31/12/999
Profile (causing)		Role (causing)	Tcode (causing)		E	Last used		F						
FXXXXAPPRA		S99FXXXXAPPRA	F110		<input checked="" type="checkbox"/>	03/2012		44						
FXXXXAPPRA		S99FXXXXAPPRA	FBZ0		<input checked="" type="checkbox"/>	02/2012		16						
FXXXXAPPRA		S99FXXXXAPPRA	FBZ5		<input type="checkbox"/>									
FXXXXAPPRA		S99FXXXXAPPRA	FDTA		<input checked="" type="checkbox"/>	03/2012		14						
Profile (causing)		Role (causing)	Object		Authorization									
FXXXXAPPRA		S99FXXXXAPPRA	F_REGU_BUK		FXXXXAPPRA01									
FXXXXAPPRA		S99FXXXXAPPRA	F_REGU_KOA		FXXXXAPPRA01									
SXXXXBASEA		S99SXXXXBASEA	S_DATASET		SXXXXBASEA01									

used: when & frequency


- **CSV exporter.** (Scheduled) export of any SQL reporting to CSV file (Comma Separated Values).



- **Distinction in STAD period for calculation of executed status between roles and in audit.** STAD data can now be loaded for two independent purposes. STAD data can now be loaded for 2 independent purposes:
 - Audit periods (for example 6 months) – appears in audit results.
 - Role use periods (for example 12 months) – appears in regular views.

Archives with statistic data					
	<input type="checkbox"/>	<input type="checkbox"/>	Host	Type	Period
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	*	*	*
Statistics per month					
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/01/2014 - 31/01/2014
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/12/2013 - 31/12/2013
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/11/2013 - 30/11/2013
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/10/2013 - 31/10/2013
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/09/2013 - 30/09/2013
	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	Month	1/08/2013 - 31/08/2013

- **Exclude/include user groups from audit/SoD analyses.** User groups can be included or excluded from audit and SoD analysis.

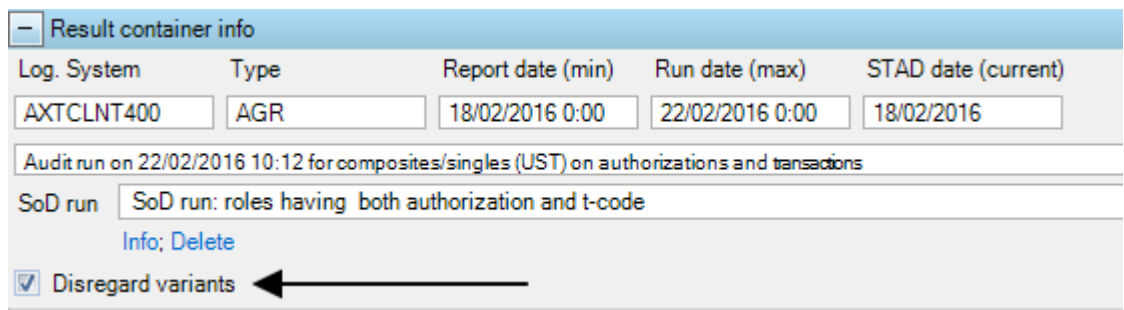


User group	Total #
* * * * *	105
<None>	3
DEMO	3

Total row count: 15

☐ Only members of ☒ Exclude members of

- **Disregard variant in result container overviews.** The option to take the variants into account in the results of the audits and SoD analysis.



Result container info

Log. System: AXTCLNT400 Type: AGR Report date (min): 18/02/2016 0:00 Run date (max): 22/02/2016 0:00 STAD date (current): 18/02/2016

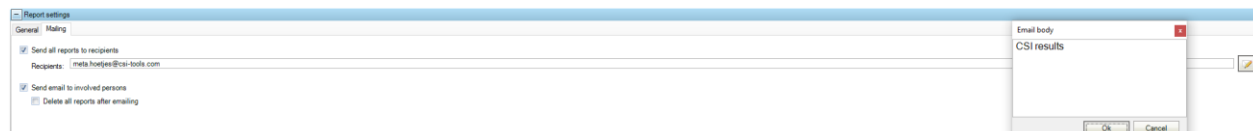
Audit run on 22/02/2016 10:12 for composites/singles (UST) on authorizations and transactions

SoD run: SoD run: roles having both authorization and t-code

[Info](#) [Delete](#)

☒ Disregard variants

- **E2E task scheduling with email.** Automate the report distribution with scheduling of export to excel files.



Report settings

General Mailbox

☒ Send all reports to recipients

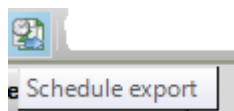
Recipients: meta.hoofjes@csi-tools.com

☒ Send email to involved persons

☐ Delete all reports after emailing

- **CCQ task scheduling with email.**

All custom views can now be scheduled and emailed directly, so no manual report distribution needed.



Schedule export

- **User/role assignment requests and simulations can be done with variant.**

During a request or simulation of a user or role change, the variants (organizational values) are taken into account.

Configuration: Application settings

General | Data | Mailing | Task scheduler | Codification | Organize | Export to text | User assignments | Q.A. | One Click Audit | Audit | SoD | **Simulation**

General | **Audit** | SoD | Workflow | Inform

Settings

☒ Run authorization object audit (second level) ☒ Apply STAD info ☐ Use valid from (UsFuUsTa)

☒ Run S_TCODE audit (first level) ☒ Set norm information ☐ Use valid until (UsFuUsTa)

☐ Run transaction menu audit (first level) ☒ Run with variants ☐ Keep causing info (until request is handled)

Queries are run based on SoD (group) selection ☐ Keep causing info until request is archived

☒ Use profile authorizations when auditing on roles

by activating this option the authorizations are taken from the roles' generated profiles.
This will use the user role assignments, but use the generated profile authorizations instead of the role authorizations

General | **SoD conflicts** | Preview

Drag a column header here to group by that column.

	A/R	Variant	SoD rule	Description	Reason code	Definition	Expression	E	F	Norm	Reason code (Norm)	Logical system
(1)	A	NL	FIN_MT_B2_0006	FI Posting Periods (Open/Close) AND A/R Manual Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(2)	A	NL	FIN_MT_B2_0007	FI Posting Periods (Open/Close) AND A/R Postings with Clearing	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(3)	A	NL	FIN_MT_B2_0008	FI Posting Periods (Open/Close) AND A/R Parked Doc. Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(4)	A	NL	FIN_MT_B2_0009	FI Posting Periods (Open/Close) AND A/R Incoming Payment Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(5)	A	NL	FIN_MT_B2_0010	FI Posting Periods (Open/Close) AND A/R Recurring Doc.	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(6)	A	NL	FIN_MT_B2_0011	FI Posting Periods (Open/Close) AND Mass Reversal of Doc.	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(7)	A	NL	FIN_MT_B2_0022	(G/L M.D. on CoA level or Mass) AND A/R Manual Postings	A_F1+	Bi (B20)+Bi(B2)	(QA OR QB) AND QC					AXTCLNT400
(8)	A	NL	FIN_MT_B2_0023	(G/L M.D. on CoA level or Mass) AND A/R Postings with Clearing	A_F1+	Bi (B20)+Bi(B2)	(QA OR QB) AND QC					AXTCLNT400
(9)	A	NL	FIN_MT_B2_0024	(G/L M.D. on CoA level or Mass) AND A/R Incoming Payment Postings	A_F1+	Bi (B20)+Bi(B2)	(QA OR QB) AND QC					AXTCLNT400
(10)	A	NL	FIN_MT_B2_0032	G/L M.D. on Company Code level AND A/R Manual Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(11)	A	NL	FIN_MT_B2_0033	G/L M.D. on Company Code level AND A/R Postings with Clearing	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(12)	A	NL	FIN_MT_B2_0035	G/L M.D. on Company Code level AND A/R Incoming Payment Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(13)	A	NL	FIN_MT_B2_0038	Mass G/L M.D. AND A/R Incoming Payment Postings	A_F1+	Bi (B2)	QA AND QB					AXTCLNT400
(14)	A	NL	OTC_TT_B2_0003	A/R Incoming Payment Postings AND A/R Manual Postings	A_F3+	Bi (B2)	QA AND QB					AXTCLNT400

Total row count: 14

Exit Report date: 22/02/2016

455(419) Aud

- **Keep causing information during authorization request.**
Information is kept until the request is handled (approved/declined).

User simulation - [D8769 - Meta Hoetjes]

General

SoD conflicts

Preview

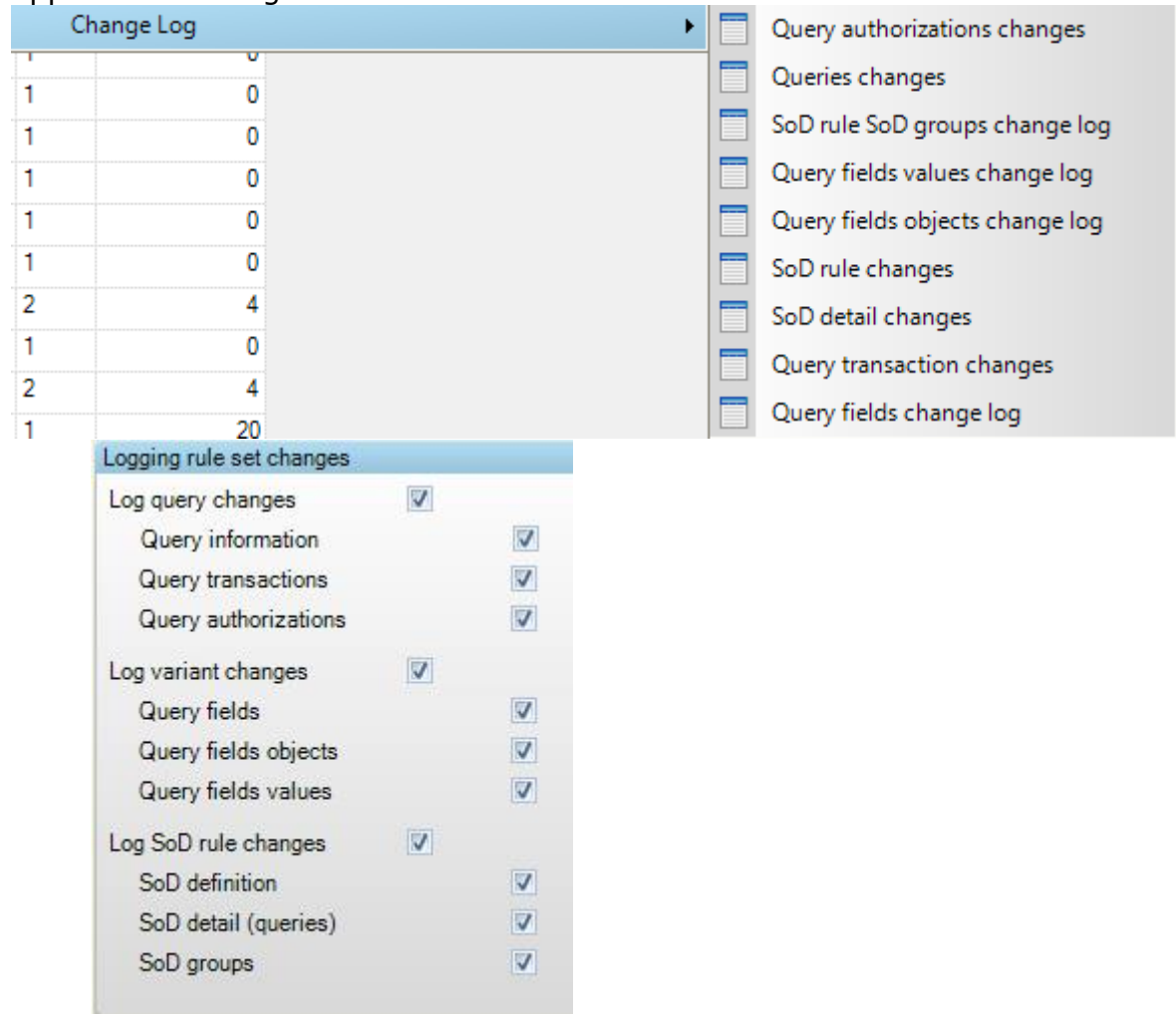
</

- **Involved person user group relation.** Involved persons can now be assigned to user groups.

New	Involved person	Type	User group
<input type="checkbox"/>	*	*	*
<input checked="" type="checkbox"/>	Meta hoetjes	Responsible	SUPER

- **Change log on queries & SoD's.**

All changes on the rule set are begins logged. This logging is activated in the application settings.



Change Log		
1	0	
1	0	
1	0	
1	0	
1	0	
1	0	
2	4	
1	0	
2	4	
1	20	

Logging rule set changes

Log query changes ☒

 Query information ☒

 Query transactions ☒

 Query authorizations ☒

Log variant changes ☒

 Query fields ☒

 Query fields objects ☒

 Query fields values ☒

Log SoD rule changes ☒

 SoD definition ☒

 SoD detail (queries) ☒

 SoD groups ☒

Query authorizations changes

Queries changes

SoD rule SoD groups change log

Query fields values change log

Query fields objects change log

SoD rule changes

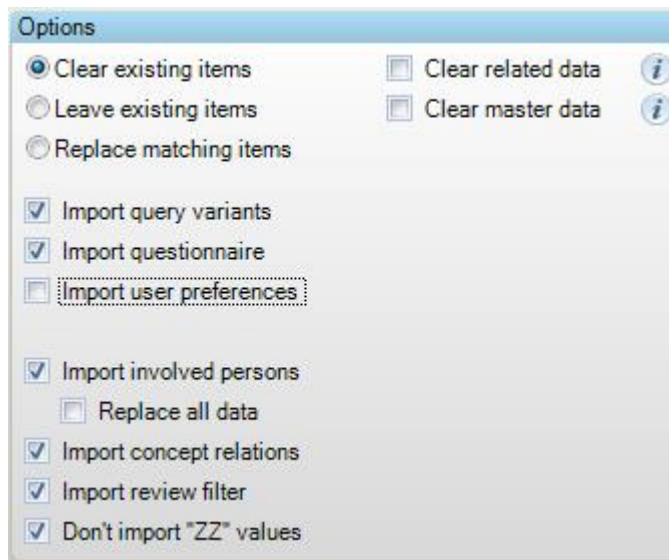
SoD detail changes

Query transaction changes

Query fields change log

- **Include involved persons when importing/exporting ruleset.**

The defined involved persons with all the information about the involved persons can now be imported and exported in the ruleset.



- **Additional information on SoD group added:**

- Queries
- Transactions
- Authorizations

SoD group: MultipleRun (*)

Name: MultipleRun

Description: Multiple run

SoD rules | Documents | Queries | Transactions | Authorizations

Drag a column header here to group by that column.

SoD rule	Description	Reason code	Definition	Expression
* *	*	*	*	*
FIN_MT_B2_0001	FI Posting Periods (Open/Close) AND A/P Manual Postings	A_F4+	Multi 026	QA AND QB AND QC AND QD AND (QE OR...

- **User request workflow also has separate information workflow.**

User wherefore request is made, can be informed by email through the workflow.

General | Audit | SoD | Workflow | **Inform**

Settings

The configuration to inform users, defining the different steps in the flow, and what type of involved person should be contacted can be defined individually for [roles](#) and [users](#).

☒ On completion of request send emails

☒ Only inform active involved persons
Exclude involved persons that did not yet receive an email in the sequential workflow.

☒ Send email to user for whom the request is made

☒ Report only changed roles

☐ Report only changed queries

☒ Report only changed SoD's

Send email to (if nothing found): (involved person)

Email template (users) | Email template (roles)

```
<mailsubject>
Access request for <<username>> (<<userid>>) is <<requestanswer>>
</mailsubject>
<html>
<body>
<style type="text/css">
table {border-collapse: collapse;}
td {padding-left:10px; padding-right:10px; border: 1px solid black; font-family: Arial, Helvetica, sans-serif; font-size: small;}
</style>
Dear <<recipientname>>,<br>
<br>
The request for user <span style="font-weight: bold;"><<username>> (<<userid>>)</span> performed by <span style="font-style: italic;"><<ac
<br>
Please find below the details of the request:<br>
<br>
Concept: <<conceptname>>(<small><<application>></small>)<br>
<br>
<requestorcomment>
<br>
<strong>Requestor comment:</strong><br>
```

- **Simulation request also web based possible.** Simulation of user request can be done web based (CSI Integrate & Collaborate is needed for this functionality).

My Result container Custom views SAP Info Concept CSI_CPTX_MET



CSI Authorization Auditor improvements

- Faster audit and SoD engine with more detail:
 - Improved performance on variant audit/SoD analyses.
 - Improved function to determine core t-code.
 - Know how many times a query or SoD conflict is executed (Frequency).
 - Get information about the assigned role causing the query hit/SoD conflict.
 - Full support for variants run.
 - Reporting with disregard variant, especially for SoD conflicts. This allows to compare variant run with no variant run and the delta between the two runs.
 - A distinction is made between composite and single role in the result containers overview.
 - Improved ruleset import/export:
 - SoD definitions uniqueness validated.
 - XML import includes the audit save source.
 - Included involved persons.
- Export 2 Excel reports added and improved export capabilities, grouping, filtering and emailing.
- Export 2 Excel scheduling with email (in combination with CSI Integrate & Collaborate).
- Custom views scheduling with email functionality (in combination with CSI Integrate & Collaborate).
- Improved CSI Upgrade application.
 - Can remove obsolete files.
 - Validation of CSI running applications before upgrade.
 - Validation on security manifest overwrite.
- User group norm applied to audit & SoD results. Saving of norm possible from user group and from query or SoD rule. Filter (include/exclude) on user groups for user selection in audit is added. The Involved person – user group relation added.
- Additional information in query added for authorization objects and fields.
- There is now a distinction between composite roles& single roles in the result container overviews.
- Compensating controls are limited to the control measures related to the SoD rule.

CSI Role Build & Manage improvements

- Faster audit and SoD engine with more detail:
 - Improved performance on variant audit/SoD analyses.
 - Improved function to determine core t-code.
 - Know how many times a query or SoD conflict is executed (Frequency)
 - Get information about the assigned role causing the query hit/SoD conflict.
 - Full support for variants run.
 - Reporting with disregard variant, especially for SoD conflicts. This allows to compare variant run with no variant run and the delta between the two runs.
 - A distinction is made between composite and single role in the result containers overview.
- Improved ruleset import/export:
 - SoD definitions uniqueness validated.
 - XML import includes the audit save source.
 - Included involved persons.
- Export 2 Excel reports added and improved export capabilities, grouping, filtering and emailing.
- Improved CSI Upgrade application:
 - Can remove obsolete files.
 - Validation of CSI running applications before upgrade.
 - Validation on security manifest overwrite.
- User group norm applied to audit & SoD results. Saving of norm possible from user group and from query or SoD rule. Filter (include/exclude) on user groups for user selection in audit is added. The Involved person – user group relation added.
- Role profile name imported from MS Excel.
- Keep causing information during authorization requests.
- Export 2 Excel scheduling with email (in combination with CSI Integrate & Collaborate).
- Custom views scheduling with email functionality (in combination with CSI Integrate & Collaborate).
- Additional information in query added for authorization objects and fields.
- There is now a distinction between composite roles& single roles in the result container overviews.

CSI Integrate & Collaborate improvements

- Export 2 Excel scheduling with email (in combination with CSI Authorization Auditor or CSI Role Build & Manage).
- Custom views scheduling with email functionality (in combination with CSI Authorization Auditor or CSI Role Build & Manage).
- Improved CSI Upgrade application:
 - Can remove obsolete files.
 - Validation of CSI running applications before upgrade.
 - Validation on security manifest overwrite.

CSI Automated Request Engine improvements

- Faster audit and SoD engine with more detail:
 - Improved performance on variant audit/SoD analyses.
 - Improved function to determine core t-code.
 - Know how many times a query or SoD conflict is executed (Frequency)
 - Get information about the assigned role causing the query hit/SoD conflict.
 - Full support for variants run.
 - Reporting with disregard variant, especially for SoD conflicts. This allows to compare variant run with no variant run and the delta between the two runs.
 - A distinction is made between composite and single role in the result containers overview.
- User group norm applied to audit & SoD results. Saving of norm possible from user group and from query or SoD rule. Filter (include/exclude) on user groups for user selection in audit is added.
- Added requester approval in workflow.
- Keep causing information during authorization requests.
- Improved CSI Upgrade application:
 - Can remove obsolete files.
 - Validation of CSI running applications before upgrade.
 - Validation on security manifest overwrite.