

## AuditZone Issues under 'Audit Zone Issue Tracking'

### Deliverable 10. Audit Zone Application - Common

**Issue** 1001. Highlight the current question

**Description** Focused question must be distinguished from others. Although audit findings are displayed in a panel, it is not possible to identify which question owns it. Use bold or outline the question.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	

#### Actions Taken

(1) The question is now outlined with blue color when the question or one of responses are clicked. (2) In addition, a new panel is added just above the findings panel to show the active question.

**Issue** 1002. Add UNDO button

**Description** An Undo button is required. For the time being, it is required for question answers. A generic object-based undo can also be considered.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Low	Deferred	Stephane Kaya	

#### Actions Taken

The effort required for undo operation is high. It requires some changes on the database layer. Therefore, implementation of this change proposal is postponed to the next release.

**Issue** 1003. Reset question answer

**Description** A clear button is required to reset question answer (i.e., make its status to unanswered). If question is responded by error, there is no way to cancel the response.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	12/06/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	

#### Actions Taken

Question responses are displayed as option buttons. Once one of the option buttons is selected, java does not allow to de-select all options buttons. Therefore, an invisible option button into the group and a (visible) clear button into the panel are added. When the clear button is clicked, it selects the invisible option button and clears the response in the database.

**Issue** 1004. ExpandAll-CollapseAll

**Description** In all tree views, ExpandAll or CollapseAll should be added.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	28/06/2007
Priority	Status	Assigned To	
Low	Completed	Stephane Kaya	

#### Actions Taken

There two items are added into the pop-up menu.

**Issue** 1005. Colour the answered questions

**Description** Colour the question which were answered. Question which is responded by Fail should be coloured with (dark) red colour. For other answered questions we might use blue.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
High	In progress	Ertan Ozkan	
Actions Taken			

**Issue** 1006. Introduce a spelling checker

**Description** Introduce a spelling checker for textual data (auditing findings and actions).

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Low	Deferred	Stephane Kaya	
Actions Taken			
The spelling checker must be multi-language. We don't know a free-to-use library. This issue must be further investigated.			

**Issue** 1007. Introduce a type cast operator in the menu

**Description** Introduce a type cast operator in the menu. Especially, during initial stages of audit, it is required to change the type of an auditing finding (e.g., from audit note to non-conformity).

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	18/06/2007
Priority	Status	Assigned To	
Low	In progress	Stephane Kaya	
Actions Taken			
Cast operation must be limited to (1) between types inheriting from same abstract type; (2) it should have no child; (3) Properties should also be deleted. The cast is added into the pop-menu. However, related database operations should be implemented.			

**Issue** 1008. Introduce an option just to show unanswered question

**Description** Just above the questions, provide an option just to show unanswered question. This option will be useful for long checklists.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	07/06/2007
Priority	Status	Assigned To	
Low	Rejected	Stephane Kaya	
Actions Taken			
A simple option button is added. However, it always show label questions (since they are always not answered). It will create confusion (its benefits is less than gains). Therefore, it is rejected.			

**Issue** 1009. Introduce a question category and provide search based on this category

**Description** Introduce a question category and provide search based on this category. It is not so easy to locate a question in a long checklist. If we classify questions (e.g., CRC related, QMS, etc.), it might be used this in the search.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Alexandre Petrovsky	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Low	Not started	Stephane Kaya	
Actions Taken			

**Issue** 1010. Think a way for conditional questions

**Description** Think a way for conditional questions (i.e., questions which will be asked according to the response of a previous question).

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Low	Deferred	Ertan Ozkan	
Actions Taken			
Conditional questions is a nice-to-have issue. It should be considered in near future.			

**Issue** 1011. Some warnings after long usage

**Description** Some warnings after long usage. Messages should be tracked. Prepare a test plan for stress testing.

Type	Reported By	Submission Date	Completion Date
Bug Report	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Normal	Not started	Stephane Kaya	
Actions Taken			

**Issue** 1012. Provide copy-paste in audit worksheet

**Description** Copy-paste must be applicable also in audit worksheet. Copy-paste operation is quite useful and easy in explorer. We need similar feature in worksheet. [Nice-to-have feature].

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	25/05/2007	30/06/2007
Priority	Status	Assigned To	
Low	Not started	Stephane Kaya	
Actions Taken			

**Issue** 1013. Reduce the size of executable jar file

**Description** The size of executable jar file is around 28 Mb. This is quite big file for a medium sized project such as AuditZone. Investigate the problem.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	30/06/2007	21/06/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
There are many third-party libraries (e.g., libraries taken from iReport in order to use JasperReports) which not directly used by AuditZone. After eliminating these libraries, the size is reduced to 8 Mb.			

<b>Issue</b>	1014. Investigate rewriting AuditZone as WEB applications		
<b>Description</b>	Current AuditZone is a java applications (i.e., fat client). However, for a multi-user environment a WEB-based solution is highly recommended. Adapting AuditZone is possible but it requires some effort (2 months).		
<b>Type</b>	<b>Reported By</b>	<b>Submission Date</b>	<b>Completion Date</b>
Change Proposal	Ertan Ozkan	25/06/2007	02/07/2007
<b>Priority</b>	<b>Status</b>	<b>Assigned To</b>	
Low	Completed	Ertan Ozkan	
<b>Actions Taken</b>			
There are several issues to be considered: (1) it is impossible to port it directly; (2) A combination of JSF (Java Server Faces), JS (Java Script), Java and AJAX seems to be appropriate for AuditZone. However, in any cases we can not achieve same GUI and/or layouts. (3) Google WEB toolkit seems to provide a good basis for such porting. (4) Most of java code should be re-designed as request handler. (5) Although it might create some portability problem, we can implement some database operations as MySQL stored procedures. This issue requires more considerations and some prototyping.			

<b>Issue</b>	1015. Typing error: Colapse -> Collapse		
<b>Description</b>	There is a proble		
<b>Type</b>	<b>Reported By</b>	<b>Submission Date</b>	<b>Completion Date</b>
Bug Report	Ertan Ozkan	08/07/2007	09/07/2007
<b>Priority</b>	<b>Status</b>	<b>Assigned To</b>	
Normal	Completed	Stephane Kaya	
<b>Actions Taken</b>			
The following has been changed: (1) expand->Expand; (2) colapse -> Collapse and (3) a separator is put before "Expand".			

<b>Issue</b>	1016. Error in importing certain properties (e.g., description and comments)		
<b>Description</b>	Certain properties are not put into the database. When a non-conformity is exported, some properties (i.e., description and comments) can not be imported back into the database.		
<b>Type</b>	<b>Reported By</b>	<b>Submission Date</b>	<b>Completion Date</b>
Bug Report	Ertan Ozkan	13/07/2007	08/07/2007
<b>Priority</b>	<b>Status</b>	<b>Assigned To</b>	
High	Completed	Ertan Ozkan	
<b>Actions Taken</b>			
During import, the existence and singularity of a property is checked. However, the singularity check must be done for a given type (i.e., it checks all types). The type identifier has been added.			

<b>Issue</b>	1017. Create a single release for CHAIN and AAA auditing.		
<b>Description</b>	Most likely same users will use AuditZone for AAA and CHAIN auditing. Having different customisations and switching between them might create confusions. Two main customisation (AAA and CHAIN) should be unified.		
<b>Type</b>	<b>Reported By</b>	<b>Submission Date</b>	<b>Completion Date</b>
Change Proposal	Ertan Ozkan	10/07/2007	16/07/2007
<b>Priority</b>	<b>Status</b>	<b>Assigned To</b>	
High	Completed	Ertan Ozkan	
<b>Actions Taken</b>			
Missing types which are used within CHAIN customisation and AuditZone Issue Tracking System are manually added into the AAA customisation. Required objects from these two customisations (i.e., setups and issues) are exported and imported into the AAA customisation. CHAIN and system reports are re-checked.			

<b>Issue</b>	1018. Simplify reporting dialog		
<b>Description</b>	Reporting dialog is over complicated. New dialog should present report group (e.g., CHAIN, AAA), report title and description. Reports should be created with a single click (with default values PDF)		

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	13/07/2007	24/07/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
(1) Reports are no longer compiled. Instead compiled reports (i.e., jasper extension) are used. (2) Report definitions (template file name, report group, title, description and default output name) are put into a XML file. This file is read by the system and a list of reports is provided by reporting dialog.			

**Issue** 1019. Place additional views into a SQL script

**Description** There are several database views which are manually created and specific to a customisation. These views are created within the program. They should be put into a separate SQL file with ";" as delimiter. The content of the file must be executed. By this way, the users can add additional views into the system.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	10/07/2007	19/07/2007
Priority	Status	Assigned To	
Normal	Completed	Ertan Ozkan	
Actions Taken			
The SQL file "az_views_plus.sql" is created. The content is parsed to extract SQL statements (i.e., CREATE OR REPLACE VIEW ...). Each SQL statement should be ended with ";" including the last one. This file is added to release distribution.			

**Issue** 1020. Missing "Note" field in the "audit\_notes\_detailed.jasper" template-file

**Description** In the program under the Audit Findings -> Audit Note there is a "Note" text field. Unfortunately this field is absent in reports (we are using "audit\_notes\_detailed.jasper" template-file for reports creation). Could you please be so kind to edit this template adding the "Note" field in it and send us the new version.

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	03/08/2007	02/08/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
Indeed, "note" field is forgotten in all audit reports. In order to keep same look-and-feel with other audit findings, this field is added into these reports with the title "Description"			

**Issue** 1021. Reports are not ordered with respect to AIP Section

**Description** There is also one issue that can be fixed in this template (and may be in other templates also). The sections in the report are not placed in order. For example we are receive the following sequence: AD 2.10 ; AD 2.09 ; AD 2.11.

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	01/08/2007	01/08/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
This problem was identified after V1.1 pre-release. With final release, ordering should not be a problem.			

## **Deliverable** 20. AuditZone AAA Customisation Build 1

**Issue** 3000. Initial database population error

**Description** Further to our Steve Harben's participation in the AuditZone Roll-out Workshop, AISOPS-13 in November, we have tried to install the software on to a PC, however, when we try to access the program we get the following error messages: "Error in eam.db.types.Nesne.getParent():java.sql.SQLException: Table 'aaa.azt\_object\_link' doesn't exist"

Type	Reported By	Submission Date	Completion Date
Bug Report	Tim Williams	02/02/2007	02/02/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
It is suggested using MySQL Administrator - Restore command instead of MySQL Query Browser. Although it was explained during AISOPS presentations, the message has not been conveyed correctly. Corrected versions are still not available on Eurocontrol's WEB site.			

**Issue** 3001. Installation problem

**Description** I hope that you can help me. I have difficulties with installation of AuditZone and MySQL programs. For installation I am using the AIP Audit Assistant User Guide (October 2006) v2.0 Beta version (with AuditZone). The problem arised on page 11 of AuditZone Installation Guide para.3.1 Initial database configuration subitem 11 ("click on the Execute button"). After clicking on the Execute button I got a message "you have an error in your SQL syntax", etc., instead of finishing initial setup. The image of this problem is attached to this letter. Can you please tell me how I could solve this problem? What should I do?

Type	Reported By	Submission Date	Completion Date
Bug Report	Irina Piskunova	15/02/2007	02/07/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
See bug report 3002.			

**Issue** 3002. Single autoinstall-file

**Description** I would recommend future versions to be built easy to install (single autoinstall-file), foolproof single-person administrated program.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Indrek Soomre	15/02/2007	03/05/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
Single-click installation routine has been developed, it checks the required 3rd party tools and installs them automatically without requesting user intervention.			

**Issue** 3003. Installer cannot launch installation third-party tools

**Description** The AuditZone installer cannot launch following files while installing: - mysql-essential-5.0.24-win32.msi - mysql-administrator-1.1.9-win.msi - mysql-query-browser-1.1.20-win.msi

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	16/05/2007	03/05/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
The CD distributed during AISOPS has this problems. During AISOPS presentation, it is explained that (1) it is required cancel installation script which starts automatically and (2) restart manually setup.exe program. However, this information is not propagated well enough. Single-click installation routine has been developed, it checks the required 3rd party tools and installs them automatically without requesting user intervention.			

**Issue** 3004. Missing login window

**Description** At first, it didn't ask login password and just opened program, and later I noticed that the "Manage" button was missing. The same problem was also in another computer. [Same problem is reported by Irina on 22/05/2007]

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	16/05/2007	21/05/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
Problem is reproduced when JRE is upgraded to 1.6. Jre 1.6 rises an exception which is not handled by AuditZone. This exception is handled now and the application works for both jre 1.5.x and 1.6.			

**Issue** 3005. AIP section traceability in audit findings

**Description** When we are generating reports of any audit finding type there is no traceability between questions indicated in reports and related AIP sections. It would be nice if ?Name? sections in the findings would be filled with AIP section number and question number identifier automatically.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Sergejs Snegovs	07/06/2007	26/06/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
A database view is added into the system to get section number. However, it depends on the naming convention used in the current questionnaire. Therefore, when new questions are added, this view must be verified.			

**Issue** 3006. No reports for AD1

**Description** When we are trying to generate any report on AD1, the program doesn't generate it at all.

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	07/06/2007	05/07/2007
Priority	Status	Assigned To	
High	Completed	Stephane Kaya	
Actions Taken			
The object name is used to construct the name of output file. However, the object name contains "/" and this character is not allowed in a valid file Windows file name. The problem is corrected by using the object identifier instead of object name. The solution will prevent invalid and long output file names.			

**Issue** 3007. Warning for file overwrites

**Description** The program doesn't inform the user that a file is going to be rewritten (for example, when we are trying to make an export of information using the file name that already exists).

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	07/06/2007	21/06/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
A prompt box is added before exporting an object into an existing file. However, it is not implemented for reports.			

**Issue** 3008. Wrong statistics in audit score

**Description** Report generation problem: Results generated by 'Audit score' report are not correct because the number of questions doesn't match with the real number of questions and Pass/Fail/Not Appl./Not Ansv. results are incorrect. (e.g. in Gen 2.3, Q02 ? impossible to give answer, but the program still counts it as a question while generating reports.)

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	07/06/2007	22/06/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
Label questions were counted (which are used to provide explanatory text). This bug is corrected in the corresponding database view. Furthermore, the audit score reports are redesigned. New reports include some graphical elements. To be done: (1) Identifier and object path of 'Audit Executions' folder is not correct. It should be corrected before the release.			

**Issue** 3009. Unknown error occurs when we select "non-conformity" report generation

**Description** Report generation problem: Unknown error occurs when we select ?non-conformity? report generation.

Type	Reported By	Submission Date	Completion Date
Bug Report	Sergejs Snegovs	07/06/2007	30/06/2007
Priority	Status	Assigned To	
High	Completed	Ertan Ozkan	
Actions Taken			
These two report templates were provided to Eurocontrol just after AISOPS. Apparently, they didn't put into their WEB-site. Our WEB-hosting company should be contacted to check the maximum file size that we can put on our WEB-site (both application installer and report templates). In any case, these reports are changed to include AIP section names. Therefore, there are some new report templates.			

**Issue** 3010. Adapt Excel Analyser for AAA customisation

**Description** An Excel analyser has been developed for CHAIN. Consider adapting this software for AAA customisation.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	08/06/2007	09/07/2007
Priority	Status	Assigned To	
Normal	In progress	Ertan Ozkan	
Actions Taken			
Excel analyser is adapted to AAA customisation: (1) Reports directly based on requirements are removed; (2) The response type "Partial" is removed from audit scorecard; (3) Report related to evidence (new audit finding type) is removed; (4) MySQL connection parameters are now read from same file; (5) AIP section name is added into the most of reports; and (6) Compiled help file is updated.			

**Issue** 3011. Introduce new report templates with charts

**Description** New release of reporting library is now available. It supports some basic graphics (pie, bar and meter charts). Develop some new reporting templates.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	08/06/2007	20/06/2007
Priority	Status	Assigned To	
Normal	Not started	Ertan Ozkan	
Actions Taken			
New reporting library 'JasperReports 1.3.4' is integrated into the application. This version allows charts and exporting report into different formats (pdf, html, rtf, xl, etc.)			

**Issue** 3012. Include MySQL ODBC connector in the release CD

**Description** This utility is required to run AuditZone Excel Analyser. Download MySQL Connector/ODBC 3.51 from MySQL site and include it in the release CD. It should be installed as a part of third-party programs.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	02/07/2007	02/07/2007
Priority	Status	Assigned To	
High	Not started	Stephane Kaya	
Actions Taken			

**Issue** 3013. Invalid object path construction

**Description** There is a problem in object path construction of the following object: (object\_id, object\_name, object\_path) = (187, Audit Executions, :8:17:32:18980:). The identifier 18980 should be 187. Use the following query to check integrity of the database before the release 'SELECT a.object\_id, a.object\_name, a.object\_path FROM azt\_object a WHERE NOT(a.object\_path LIKE CONCAT('%:', a.object\_id, ':'))';

Type	Reported By	Submission Date	Completion Date
Bug Report	Ertan Ozkan	02/07/2007	04/07/2007
Priority	Status	Assigned To	
High	Not started	Ertan Ozkan	
Actions Taken			
The paths in database are corrected.			

**Issue** 3014. Generic approach to create and edit objects

**Description** Audit set-up creation requires a dialog which allows the user to specify the audit set-up and audit name. It is done through a hard-coded if statement. To provide a general approach, add two columns Java\_New\_Handler and Java\_Edit\_Handler into the azt\_type table. These two columns will reference java classes which will be used to create and edit an object. When new or edit button is clicked, the java classes must be loaded and appropriate methods must be executed.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	02/07/2007	06/07/2007
Priority	Status	Assigned To	
Normal	Completed	Stephane Kaya	
Actions Taken			
Two columns have been added to keep java classes. They are invoked within the program. Therefore, there is a generic approach for object creation and edition.			

**Issue** 4001. How to export/import an audit

**Description** We got the program working and conduct an audit. Is it possible to save an audit by exporting and importing between two sessions, or is there other options?

Type	Reported By	Submission Date	Completion Date
Information Request	null	19/02/2007	02/07/2007
Priority	Status	Assigned To	
Normal	Completed	Ertan Ozkan	
Actions Taken			
Explanatory information is sent to the requestor.			

## **Deliverable** 30. AuditZone CHAIN Customisation Build 1

**Issue** 2001. Add explanatory text from requirements documents

**Description** Audit set-up based on document sections provides the context of requirements. However, some explanatory text from requirements documents should be added (AZ provides labels (questions without answer) in checklists.

Type	Reported By	Submission Date	Completion Date
Change Proposal	Ertan Ozkan	07/06/2007	19/06/2007
Priority	Status	Assigned To	
High	Deferred	Ertan Ozkan	
Actions Taken			
This issue closely related to questionnaire design. Excel and AZ versions use already different approach to organise questions. Before any implementation, it should be discussed with Eurocontrol.			