

Streamline the student journey from the inside out

21.3.0 RELEASE

Thesis CAMS



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Introduction

Revision Date: December 17, 2021

These release notes describe the items deployed in the CAMS 21.3.0 release. Enhancements, modifications, and system corrections are included and categorized primarily by module. Those items needing CAMS Manager attention have been noted in the Actions Required section.

For detailed information and instructions on functionality additions and changes, refer to the online help files located in the CAMS Enterprise application. Note that portal updates are not automatically installed on your site and, therefore, you must apply them.

It is important to update to this release if you are processing 1098-T in CAMS for 2021 as there are changes in the layout for the export form to the IRS.

For those customers who have CAMS release 21.1.0 but do not wish to apply the 21.1.1, 21.2.0, and 21.3.0 releases, please contact CAMS support for a patch needed to run 1098-T processes. Once the 21.1.1 release is applied, customers will need to update to 21.3.0 release to retain the 1098-T changes.



Actions Required

Important CAMS Manager Actions

The following important CAMS Manager actions are required:

Action to Update Report SSI

Report SSI files will be downloaded to your CAMS Enterprise\TRSRPTSSI folder. Compare the update files in this folder with the files you have in your SSI* folders. If you have a custom reports, you will need to merge updates from the TRSRptSSI file into your "custom" ssi file. Otherwise, replace your files with the updated file from TRSRPTSSI folder.

Action for Portals on a separate server

If portals are on a separate portal server, you must copy the CAMSServices\ServiceBroker\ServiceBroker.* to the portal server's ServiceBroker folder (replacing the previous version) and register it on the portal server:

- On the CAMS Portal Server, open an elevated Command Prompt window.
- Change your current directory to the CAMS Portals Installation Path.
- Change your current directory to ServiceBroker
- Run reg.bat
- Type exit and press enter to close the Command Prompt window.

Action following Portal files download

As part of this release, updated portal files will be downloaded to your CAMS Enterprise\Portal Updates directory.

If you do not (or have not yet) customized your portals, follow these instructions:

• MOVE all files from the CAMS Enterprise\Portal Updates\PortalName\ (Faculty, Student, etc.) to the installation directory for the matching portal. Ensure that you also move files from subfolders to the corresponding subfolder.

If you do customize your portals follow these instructions:

- Make a backup of your customized portal pages.
- Move all files from the CAMS Enterprise\Portal Updates\PortalName\ (Faculty, Student, etc.) to the installation directory for the matching portal. Ensure that you also move files from subfolders to the corresponding subfolder.
- Apply your customizations to the updated "stock" portal files.

.NET 4.7 Upgrade for CAMS Portals and Services

After you install update 21.3.0 release for CAMS you need to change the CLR (common language runtime) which the portals use and CAMS Services (listed below) from 2.xxxx to 4.xxxx. NOTE: If Service broker is not running as an application, right click on the service broker folder and select "Convert to application".



Updates were made to CAMS Services PortalService, ServiceBroker, and ThirdPartyWSPT. For each of these, select the service and click on "Basic Settings" on the far right in IIS Manager. It will list the application pool the service uses. Go to application pools in IIS, right click on the specific application pool and go to "Basic Settings". Make sure the CLR says 4.xxxx. Example below.



When finished with CAMS Services (PortalService, ServiceBroker, and ThirdPartyWSPT), check the application pool the Portals use (Student, Faculty, Application portal, Grad App Portal). They should be set as CLR 4.xxxx as well. NOTE: On ThirdPartyWSPT the config file web210300.config will have to be merged into the web.config file for ThirdPartyWSP. Mainly the .net 4.7 settings need to be merged. Then you can delete the file web210300.config.



Google ReCAPTCHA Action

Corrective Action to fix Google reCAPTCHA communication issue with separate portal server. If your portal server is separate from the CAMS is server, you will have to install the **CORS Module** on the CAMS Server (since it's the one receiving requests). The url to download it is: <u>https://www.iis.net/downloads/microsoft/iis-cors-module</u>.

In the web.config of the webutilities web app (ecams\CAMSServices\WebUtilities) you need something similar to below in the <system.webServer > xml block. The origin url will be your portal server, in this case its ServerName.ThesisCloud.com. NOTE this is the webconfig on the cams iis server in the webutilities web app, does not need to be in the parent ecams app.

```
<cors enabled="true" failUnlistedOrigins="true">
<add origin=https://ServerName.ThesisCloud.com >
<allowHeaders allowAllRequestedHeaders="true">
<add header="content-type"/>
</allowHeaders>
<allowMethods>
<add method="POST" />
</allowMethods>
</add>
</add>
```

In all the Portals where Google reCAPTCHA is used, the meta tag needs to change to something like below for default-src (ServerName.ThesisCloud.com is our CAMS app server, change it to be your cams app server). The list of asp pages is as follows: Application Portal: ceCreateAccount.asp and ResetPassword.asp Alumni Portal: ResetPassword.asp Faculty Portal: ResetPassword.asp FacultyMRP Portal: ResetPassword.asp Grad App Portal: ceCreateAccount.asp and ResetPassword.asp Student Portal: ResetPassword.asp

<meta http-equiv="Content-Security-Policy" content="defaultsrc https://ServerName.ThesisCloud.com https://*.google.com 'self'; framesrc https://www.google.com/recaptcha/ https://recaptcha.google.com/recaptcha/; childsrc www.google.com; script-src 'self' 'nonce-<%=myGuid%>' 'unsafe-eval'; img-src 'self'; stylesrc 'self' 'unsafe-inline'; base-uri 'self'; form-action 'self'; media-src 'self'' />

Changes included in this release

General

- .NET 4.7 updated for TLS compliance which affects CAMS Services PortalService, ServiceBroker, and ThirdPartyWSPT.
- New York State reporting updated to April 1st requirements on reports Early Student, End of Term Student, Term Section, and Course.
- Corrected SSN (formatting validation for Canadian SIN for Change Student screen based on what's set in the CAMS > Configuration).
- For SAT Test Score Import the matched CAMS Prospects are now displayed (and can be selected) on the bottom grid of the Exact, Partial Exact, and Fuzzy Matched pages in the Test Scores Import process.

Financial Aid

• Updated "Get Awards" during prioritized packaging process to not include term records which have zero award amounts for accurate loan distribution.

Billing

- Updated the 1098-T export file layout for the 2021 reporting year.
- Added enhancement to view 1098-T Previous Year QTRE Remainder on the 1098t Detail Screen found under Billing > Reports Menu > 1098T Form > Records Tab.
- Added new Billing > Reports > Statements format called "Standard Group" which will group transaction on the statement by new BillingGroup lookup.

Portals

- Added Page size setting for My Student page on the Faculty Portal. This setting can be found at CAMS Manager > CAMS Portal > Portal Configuration > Misc Configurations.
- The Forum Portal was decommissioned in CAMS Release 21.2.0. The code is no longer checking the value of EnableForumPortal column in CAMSPortalConfig table.
- Updated the jQuery library of the Faculty Portal to jQuery 3.6 and changed the styleSwitcher.
- Added an option to turnoff pay by credit card for Student Portal My Ledger in CAMS Manager > CAMS Portal > Portal Configuration > Payment Configuration.

Tools

- Added new CBM0CS and RCS Texas report.
- Changed to UI to prevent user from selecting a term that does not have a state reporting code with a beginning value of 1, 2, 3, or 4.
- Restricted the term dropdown menu to terms that have already run for prerequisites Texas reports.
- Sprint 2022 changes included CBM001 replaced with a reduced CBM0C1, reduced CBM0E1, and CBM004 retired.



SQL Objects Changes

In this release, we have changed the following SQL Objects:

Stored Procedures

CAMS A1098TExport.sql CAMS A1098TForm GetStuPrevQTRE.sgl CAMS_AuditGroup_Proc.sql CAMS CreateOfferingFromMaster.sql CAMS FacultyPortalAdvisorStudentListPaged.sql CAMS FacultyRosterForOfferingPaged.sql CAMS FinancialPriorityPackageAwards.sql CAMS GetEnrollmentVerification.sql CAMS GetRCSInfo AuditGroup.sal CAMS ImportUserFileCSVFinishACTCAMSDom.sql CAMS ImportUserFileCSVFinishACTImpDom.sql CAMS NYS CourseXML.sql CAMS NYS EOTStudentXML.sql CAMS NYS EarlyStudentXML.sql CAMS_NYS_TermSectionXML.sql CAMS StateReports Texas Holding CBM001.sql CAMS_StateReports_Texas_Holding_CBM0CS.sql CAMS_StateReports_Texas_Holding_DisplayItems.sql CAMS StateReports Texas Holding RCS GroupData.sql CAMS_StateReports_Texas_Holding_RCS Output.sql CAMS StateReports Texas Holding RCS SequenceData.sql CAMS_StateReports_Texas_Output.sql CAMS StudentAuditProcess.sql CAMS StudentAuditReport.sql CAMS StudentAuditUpdateGroupTotalsTempPretend.sql CAMS StudentAuditUpdateRequirementTempPretend.sql CAMS rptBillingStatements.sql

Views

CAMS_BillingBatchStmtRpt_view.sql CAMS_BillingLedgerStmtRpt_view.sql CAMS_FinAidPending_View.sql CAMS_Housing_Pending_view.sql CAMS_RevisionTermList_View.sql CAMS_TexasCBM001E_View.sql CAMS_TexasCBM001_View.sql CAMS_Transdoc_View.sql CAMS_TrptRegDirectoryMerge_View.sql



Report Changes

In this release, we have changed the following Reports:

BillAPPostByTransdoc.rpt BillStatementGroup_1000.rpt bilGLDetailReport.rpt bilGLDetailbyDocReport.rpt

TRSRPTSSI

rptBillingReportsStatements.ssi

Portal Changes

In this release, we have made changes to the following Portal files:

Application Portal

Login.asp Logout.asp inc\Profile.asp Scripts\additional-methods.js Scripts\jquery-3.6.0.min.js Scripts\jquery-migrate-3.3.2.js Scripts\jscript.asp Scripts\styleSwitcher.js Styles\style.inc

Graduate Application Portal

ceCreateAccount.asp Index.asp Login.asp Logout.asp ResetPassword.asp inc\Profile.asp Scripts\jquery-3.6.0.min.js Scripts\jquery-migrate-3.3.2.js Scripts\jscript.asp Scripts\jscript.inc Scripts\styleSwitcher.js Styles\style.inc



Faculty Portal

ceSelectStudent.asp cmCourseDocuments.asp cmOTGradeTestStudents.asp login.asp logout.asp inc\Menu.inc inc\Profile.asp inc\ProfileReg.asp scripts\jquery-3.6.0.min.js scripts\jquery-migrate-3.3.2.js scripts\jscript.asp scripts\styleSwitcher.js styles\style.inc

Faculty MRP Portal

cePortalPasswordChange.asp ceSelectStudent.asp cmOTGradeTestStudents.asp goodbye.asp index.asp ResetPassword.asp inc\3DTech\topmenu.asp scripts\jquery-3.6.0.min.js scripts\jquery-migrate-3.3.2.js scripts\jscript.asp scripts\jscript.inc styles\style.inc



Student Portal

billing.asp cePortalGradeReport.asp cePortalNumberGradeReport.asp cePortalNumberGradeTranscript.asp cePortalTranscript.asp CourseEvalResponse.asp index.asp login.asp logout.asp T2202A.asp T2202A save.asp inc\Profile.asp scripts\jquery-3.6.0.min.js scripts\jquery-migrate-3.3.2.js scripts\jscript.asp scripts\jscript.inc scripts\styleSwitcher.js styles\style.inc

Student MRP Portal

billing.asp cePortalGradeReport.asp cePortalNumberGradeReport.asp cePortalNumberGradeTranscript.asp cePortalTranscript.asp CourseEvalResponse.asp index.asp inc\Profile.asp scripts\jquery-3.6.0.min.js scripts\jquery-migrate-3.3.2.js scripts\jscript.asp scripts\jscript.inc styles\style.inc

