

Release Notes & Test Report

CAIRS Version 4.0.14.22.104



RELEASE NOTES – TEST REPORT

CAIRS VERSION 4.0.14.22.104

FEATURES/REFINEMENTS

Configured Items

- FEATURE – Added a new Bulk Import Project that gives you the ability to import Standard Sets, Cell Phones and Hardware into your CAIRS database.
- FEATURE – Added Import Specific settings that will change with the type of import
- FEATURE – Added 20 misc fields to the circuit table
- FEATURE - Standard Set menu option is now always visible

Equipment & Services

- FEATURE – added Equipment or Service ID and Property Identifier
- FEATURE – added 5 misc fields to Assigned Equipment & Services
- REFINEMENT – Assigned equipment or services now shows equipment or service IS as the dropdown. Serial Number and Property Identifier are now read-only columns.

Entire System

- REFINEMENT – Adjusted how error messages are displayed to account for the Show Technical Details system setting

Global Reports

- REFINEMENT – Several refinements were made including adding a custom data source, adding an empty selection to clear a selected format, ability to adjust the initial column size, etc.

Accounting

- REFINEMENT – Dynamic Billing - Several refinements were made including fixed FV50 bugs that would prevent funded account with negative balance from transferring to the default account, invoice date is used to determine if a charge should be billed in the related billing time frame

KNOWN ISSUES AND WORK AROUNDS

CONFIGURED ITEMS > CISCO: This known issue occurs in Version 21.204 r 4 and below. The 'Remove Deleted Cisco Phones' and 'Remove Deleted CTI Phones' button do not work.

Work Around - In order to delete all Standard Sets that are marked as "Removed" in the switch, the user needs to manually delete each one-by-one. Or, we could provide a SQL script to remove these as needed.

ORDERS/TROUBLES > ORDERS > ALL ACTIVE ORDERS: In Dynamic, when creating a Work Order for EWSD set, the EWSD Set button disappears from the Data Components Ribbon Group if the user clicks the 'Create Work Order' before adding EWSD set.

Work Around - To avoid this, an EWSD component must be added before creating the work order.

WORK FLOW: Adding more than 50 custom fields to a work flow will generate an error in CAIRS. Programming is assigned to work a fix for this restriction.

Work Around: Do not use more than 50 custom fields in work flows until the restriction is fixed.

VIEWING CAIRS AND MONITOR DISPLAYS: If you are attempting to expand columns in CAIRS and are doing so while viewing CAIRS from a monitor that is not your primary desktop/laptop screen then the expand will not work and instead the column will minimize to where it almost seems hidden.

Work Around: This is not a CAIRS issue but rather a Windows issue that can't be fixed through programming in CAIRS. The Work Around is: if you are working in any form or display with columns that can be adjusted move the view to the monitor associated to your desktop/laptop and you will be able to make all necessary adjustments to columns size and placement.

CONFIGURED ITEMS-DATA FILL: When the pane is in edit mode the data fill option is NOT available.

Work Around: To get out of edit mode click on the scroll bar, any labels, the window header or somewhere else that isn't an editable cell.

GOOD TO KNOW

ACCOUNT CODE BULK CHANGE: If you are using Dynamic Billing in CAIRS then you will no longer have the ability to bulk change Account Codes as Customer Codes are now being used as the billing master code.

GENERAL WORK ORDERS: CLOSING ALL SERVICE REQUESTS: Until all Sub-Service Requests/Sub-Work Orders associated to a General Work Order are in a Completed or Cancelled status the General Work Order will not complete and close automatically.

CONFIGURATION PACKAGES: When adding a Configuration Package, fields should never be duplicated within a package. For example, if you choose to add an Organization field (or any other field) twice, when the general order is opened in

EXPORTING WORK ORDER AND TROUBLE TICKET DETAILS TO .TXT: When exporting Work Order and Trouble Ticket details to .txt, you will be required to name the file and save it to a location on your computer. The .txt file does not auto-name the file like exports to PDF and Excel.

ACCOUNTING: OFFICIAL ACCOUNTS: CUSTOMER CODE: When opening a Customer Code using the "Account Funding View" you must open the record first and then click the "Show All" option in the Funding pane to populate the associated data.

BASIC VIEW: Basic View has been added to most application modules in CAIRS. This view should be used only if you are looking for a quick list of all of the items in a specific menu option. For example: Go to Configured Items>Set Management>Configured Sets>Views: Basic View and do a Show All query. You will get a list of every telephone number in the data base. This view was added to help several customers who just needed the identifying number or name of an

item quickly. To avoid getting into this view choose a different view in that application module and do a Show All. Once you do that CAIRS remembers where you were last and when you open that application the new view (other than Basic) becomes your default view.

Release Test Plan

A formal release test plan is used to guide QA engineers through the entire CAIRS software. The test plan provides a measurable and consistent series of test cases. Each test case contains detailed test steps to reach an end result.

Testing Breakdown: Release 4.0.14.21.204 – 22.104

Completed Formal Tests: 30,000 +

Release 4.0.14.22.104 Fixed Trouble Tickets/Bugs

Date	Fixed Version	Release Note
1/2/2021	22102	(Merged from 212xx) Dynamic Billing - Fixed FV50 bugs that would prevent funded accounts with negative balance from transferring to the default account and under some circumstances would cause negatived available allotments.
8/10/2021	21300	Added indexes to the Note table for CategoryGUID and RelatedRecordGUID.
8/10/2021	21300	Added SMA Installer to the build process.
8/16/2021	21300	Added system setting called 'Cairs Analytics Url'.
8/16/2021	21300	UCS ticket 2120008 - Added missing indexes to ServiceManagerLoggingDetail and QueryBuilderSearch. ServiceManagerLoggingDetail index helps prevent deadlock conflicts when CES deletes the logging before starting a new process, and the QueryBuilderSearch index speeds up loading the last searches related to any given report or view, and is used throughout cairs.net.
8/20/2021	21300	Updated server metadata import code.
8/24/2021	21300	Standard Sets - Completed actions to delete Cisco phone and Cisco CTI sets marked as removed by the switch sync.
8/25/2021	21300	Fixed an issue with loading AllowCreate and AllowDelete report permissions in Cairs 7.
8/25/2021	21300	Fixed issue where Cisco CTI Route Points weren't being marked as Removed when running a full sync.
8/31/2021	21300	Updated AnalyticReport table schema, regenerated dtos, and added code to the analytic data export.
9/8/2021	21300	Added ability to import base metadata with database creator. Also, added new Analytic report defaults when running database creator.
9/9/2021	21300	<ul style="list-style-type: none"> •Added an Analytic Reports menu to the menu metadata. •Regenerated DTOs. •Consolidated duplicate code for running reports in Cairs 7. •Added a cache for the new ActionMetadata and a FetchAllActionMetadata endpoint.
9/9/2021	21300	<ul style="list-style-type: none"> -New Action metadata generation - added to db with db creator (import other metadata) -removed duplicate Numberplanlisting action key (bug)
9/13/2021	21300	<ul style="list-style-type: none"> •Added an empty constructor to ActionMetadata for deserialization •Added code to view all record changes. GetRecordChangeHistory endpoint.
9/15/2021	21300	Bool custom fields now get a default value of 0/false in cairs 7.

9/16/2021	21300	changes made to master avaya standard set sync and ASI Api project: -ScriptReturnData now contains dictionary<string,string> that asi scripts add return data to -http post to web asi instead of wopr
9/21/2021	21300	Fixed: Bug with Standard Set Device SQL Query for building 911 Data
9/22/2021	21300	Added missing FK on StandardDirectoryCiscoAssoc table to CiscoDirectory
9/23/2021	21300	Fixed Notes in SP service requests. Now SP will show existing file attachments on In Progress orders.
10/7/2021	21300	Added SQL timeout changes to the CEDC web.config file.
10/7/2021	21300	Fixed an issue with report ordering after a user resizes/moves a field.
10/12/2021	21300	<ul style="list-style-type: none"> •Fixed an issue with unauthorized users in CAIRS 7. •Updated logging to say CAIRS 7 instead of Cair's Web.
10/13/2021	21300	Fixed Cair's 7 connectivity issue when there are no assignments.
10/13/2021	21300	Internal code change: Added useNoLock option for Query.List, Query.List with search criteria, and to ArgsBaseQueryInfo.
10/13/2021	21300	Multiple refinements to global reports, including the following: Ability to set initial column widths, Add Custom Data Source option for missing data relationships, Selected Field Detail for easier viewing and editing of fields, Distributon tab added for improved organization, and options to show report in menu or record to better separate menu and record reports without losing the ability to use the report in both locations.
10/13/2021	21300	<ul style="list-style-type: none"> •Fixed an issue where record change history was getting saved incorrectly. •Added ChartDetailByUser schema and regenerated Dtos. •The cair's 7 profile information shows the correct last login date now.
10/13/2021	21300	adjusted how error messages are displayed accounting for the Show Technical Details setting
10/14/2021	21300	Fixed two guid translation for cair's 7. Added a data rule to create a BillableItem record when a BillableCost record is created.
10/15/2021	21300	Fixed a couple bugs with account management in configured items for cair's 7.
10/27/2021	21300	Modified fetchmenudata to check the encodedid.
11/1/2021	21300	Regenerated DTOs for Mark M.
11/3/2021	21300	Partial check-in for E&S. Can add new Equipment or Service record.
11/4/2021	21300	E&S code update. Changing the BillableItem will update related fields in the row.
11/8/2021	21300	<ul style="list-style-type: none"> •The report returned to the client on a save now has permissions filled out. •Profile action changes are now logged and in a transaction.
11/10/2021	21300	Added Equipment or Service ID and Property Identifier to Equipment and Service Item records. Renamed all BillableCost and BillableItem related tables. Assigning equipment and services now shows Equipment or Service ID as the dropdown, and both Serial Number and the new Property Identifier are read-only text columns.
11/11/2021	21300	Added ability for a traditional switch sync in cair's.net to send a web request to the Cair's ASI Web Service instead of wopr!!!!!!
11/15/2021	21303	Added DeletedView for all renamed Billable... views related to the equipment / service name changes.
11/18/2021	21300	Added more code for EquipmentServices.
11/18/2021	21303	Fixed dropdown code that excludes values from enums. (This code is only used right now for hiding new values in debug mode and did not affect any existing dropdowns.)
11/19/2021	21204	Fixed issue where Include_In_911 wasn't being included to Avaya switch sync records during sync. Defaults to "Default".
11/22/2021	21300	Updated postman for permission changes.

11/23/2021	21300	Install date is only auto filled if the system setting is true for new equipment in cairs 7.
11/29/2021	21303	Bulk Import Project - Added Import-Specific settings, which change depending on the type of data being imported
11/30/2021	21303	Added 5 misc fields to Assigned Equipment and Services. These fields can be hidden if not needed. (The documentation has been added to the Property Book forum topic.)
12/2/2021	21303	Bulk Import - Fixed bugs (never released) that prevented bulk import data from syncing with the switch.
12/6/2021	21303	Bulk Import - Fixed - Sync status was not being updated for imported records after a switch sync. Other bulk import bug fixes (not released).
12/7/2021	21303	DB Tool Fixes/Refinements - renaming db schema more robust. Fixed issues with renaming schema and secondary (archive) databases. Code cleanup.
12/8/2021	21204 r23 & 22100	(does not require a build - metadata only, optional db creator update would require build) - Added metadata relationship between BilledAssignment and VendorImportedCallRecord. Also, added metadata relationship from CustomerCodeBilledAssignmentAssoc to both SubscriberMain and Site. Added foreign key for site, and indexes for GUID reference fields. (Note: Getting these indexes and foreign keys in place would require a new db creator, but probably won't have a big impact in global reporting anyway)
12/8/2021	22100	Standard Directory menu is now always visible.
12/9/2021	22100	Fixed errors creating equipment service records. Creating new from global report would fail with exception. Also, when creating the main record, the item record failed to create due to equipment / service ID not being auto-generated.
12/9/2021	22100	Fixed loading of favorite reports within a record for some record types.
12/9/2021	21204 r 23 & 22100	Not all switches are to be managed in standard sets before CAIRS Web. AvayaCMs may need to stay in Configured Sets (SetMain). Modifying VoIPDiscovery to call a separate API endpoint depending on UseStandardSetsAPIUpdate setting. New endpoint in CAIRS API added, brought back the old API and the renamed the newer API for StandardSets.
12/13/2021	22100	Fixed error running classic bill under Accounting>Official Accounting>Official Accounts in the ribbon though the Create Bill button in the Billing Tools group. This bug was fixed in before the public release. Renamed instances of the BilledAssignmentItemGUID field name in some tables and views and renamed two views.
12/13/2021	22100	-more solr code commented
12/14/2021	21204	-custom relationship (metadata only) added to NPL for AvayaSipUser table -no longer fails entire sync when legacy cisco code that loads CiscoOwnerId's fails. -Removed duplicate api calls for Cisco Owner IDs -Modified duplicate api calls for Cisco gateways.
12/15/2021	22100	Added Rename tables and fields conversion
12/16/2021	22100	Added two properties to menu metadata to enable/disable menus in Cair 7 and cairs.net.
12/17/2021	22100	-Avaya sip data sync now links to existing setmain and standardset records. (ip/mac on SMGR) -AvayaRegistration schema addition for setmainguid and standardsetguid
12/17/2021	22100	Speed increase for recently added Rename tables and fields conversion.
1/12/2022	22100	Added CAIRS 7 to server installer.
1/28/2022	21204	Dynamic Billing - Fixed FV50 bugs that would prevent funded accounts with negative balance from transferring to the default account and under some circumstances would cause negative available allotments.

1/28/2022	22102	Fixed issue where legacy cisco phone would fail if record had unassigned buttons greater than it's respective phone button template
1/31/2022	21204 r25 & 22102 & 22200	-CiscoDirectory.Directory_number is now a required field in the db -Cisco sync no longer includes CiscoDirectory records with NULL/empty directory_numbers in the cache.
1/31/2022	22102	When manually entering data to upload (instead of uploading a file or uploading from a CAIRS Report, an object reference error would occur on save.
2/1/2022	22102	CEDC - Orders page - fix for cryptographic exception. Turned off ViewState for the page.
2/3/2022	21204	Dynamic billing now only uses the invoice date to determine if a charge should be billed in the related billing time frame, no longer using the charge date in any case.
2/9/2022	22103	Sub-menus that are configured in a profile to be hidden are now hidden. Previously, this was only working at the main menu level.
2/22/2022	22.200 r1 & 22104	Added 20 additional misc fields to the Circuit table as well as the CircuitOnlyDetailList view. There are now 40 misc fields in the Circuit table.
2/22/2022	22103	Replaced SQL DATEDIFF with DATEDIFF_BIG, which allows the WorkOrderListView and WorkOrderListViewExpanded views to show results for very old orders and troubles.
3/2/2022	22200	(Internal) Manage overdue accounts. Had to change a parameter from int to long as a result of the last DTO rebuild. This change should have no visible effect but is needed to make the software compile.
3/8/2022	22104	Hide Following Menu Items in CAIRS 7 Set Management Cisco Avaya NEC System Admin/Security/Open Record Management System Admin/Standard Report System Admin/Custom Report Templates System Admin/Billing Settings/Customer Dynamic Billing Report Setup System Admin/Subscriber Portal Settings/Configuration Packages System Admin/Subscriber Portal Settings/Subscriber Portal Security System Admin/System Settings/Auto Number Setup System Admin/Work Flow Setup System Admin/Data Sync Center/Switch Sync Project System Admin/Data Sync Center/EWSD Switch Sync System Admin/Data Sync Center/411 Interface System Admin/Data Sync Center/Orders/Troubles Sync (DEBUG) System Admin/Data Sync Center/Import External Data System Admin/Data Sync Center/Bulk Change
3/11/2022	22104	Fixed CAIRS Server Metadata Export of dropdowns
2/16/2022	21204	When importing Status of Funds, if both the current and previous import rows have matching funding information, and allotment is not empty for the second import row, then both the allotment and available allotment will be added together.
	21300	Set the length of the Call Type field in all tables to 255 characters.
	22102	Made the email address editable for user certificate records.