IQ4 New Features Version 9.7

TR#	Release Notes
253709	Added a new “Household Update Tool” located under Admin -> Data, which cleans up existing Households and/or creates new Households for the records in the selected Contact List. This Tool can be run immediately or scheduled for a future date and time by creating a “Household Update” background job. The Contact records Status Log are updated with “Household Update added Contact to new household 40358098” and “Household Update changed Contact to head of household 40358098” for the Head of Household. Note: No code changes were made to the “Household Only” option in the Auto Merge (Fast, Full, etc.) to correct any existing issues.
269980	Email address with a + sign can now be manually added to a Contact record in IQ4. In addition, emails received and processed by IMA, Imports or L2 will now be marked as Active and not Inactive.
270384	Changed the logic used when creating new sets of potential duplicate Contacts in the ACM_DUPLICATES table. Switched from relying on a SEQUENCE to using the next available "Set" ID (i.e. maximum existing ID plus 1).
270562	The default domain URL for What's New has been changed from IntranetQuorum.com to Leidosiq.com.
272062	The Message List results will now automatically yellow highlight the matching text string if the Message record was created by an IMA Rule, which exists in the IMA_RULE_MSG_TEXT table. The highlighted text string also appears inside the Message record in the Incoming section. Note: The new IMA_RULE_MSG_TEXT table is populated when the IMA Rule Type = “Database Procedure” and the IMA Rules are recompiled. This table is populated with the IMA Rule ID and it’s MSG text string. To turn off this feature, run the following SQL... insert into system_parameter values('TURN_OFF_TR_272062', 'SESSIONSETTING', 'Y', 'Y'); log out and back into IQ4 and recompile the IMA Rules.
272405	Code changes made in IQ4 to support adding the Archivist Report functionality in Messages and Services in IQ5.

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272544	A new checkbox "Show all fields" has been added to the top of the Message tab in the Email Viewer. Selecting this checkbox, displays the contents of the XML tags like this... PREFIX: Ms. FIRST: Wendy MIDDLE: S LAST: Reynolds SUFFIX: ADDR1: 2919 Plantation Lane ADDR2: CITY: Waynesboro STATE: VA ZIP: 22980 ZIP4: EMAIL: wendy.reynolds@bigsky.com BIRTHDATE: PHONE_C: 540.555.1212 MSG: This is the contents of the MSG XML tag in the incoming formatted email. Note: This checkbox remains checked (or unchecked) for each IQ User when the user logs out and back into IQ4.
272584	The “IQ5 Error in ValidateToken” Server Errors are now automatically deleted after 90 days.
272645	The display of the contents of the MSG XML tag for incoming CUSTOM and SCCMAIL emails has been restored back to 12pt Arial in the Message List results expanded row.
272706	IQ4 code changes needed to make Quick reports that produce excel spreadsheets (i.e. .xlsx) work in IQ5.

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272707	The following changes were made to help improve the processing of incoming emails with .NET when the Subject or Last Name exceed the maximum allowed characters... 1. Changed SQL in agent_cdosys.vbs that creates the IMA_INCOMING record to only insert the first 200 characters of the Subject and 500 for the TO and FROM email address, since that is the size of those fields in the RIO table. 2. Added some extra checks for size of name fields in code. There have been some issues where LAST is coming in as garbage and causes a failure to create HH HEAD row. Fixed all areas that create Household Salutation, etc.. to truncate when combining LAST with other words. 3. Changed the Admin Household Tool SQL to truncate HH HEAD column so existing customer data can be fixed by the "Correct Household Information" tool.
272724	The Duplicate in-row action was not appearing in the IQ4 Messages List results page. In addition, the "Warnings # of # Duplicates" was not appearing in the 3rd column unless/until the user selected "Duplicate Response" under the "Duplicate Letter" Filter. Both of these have been fixed.
272745	Fixed the sorting error for Pending Text Messages when sorting by ID.
272764	GEO coding was not working when the address number contains a non-numeric character. Ex: 123B or 138 1/5.
272811	A Server 500 error was occurring when selecting "Review Audience Size" in the IQ4 newsletter wizard.
272828	“Mail ID” and “Date In” have been added to the Sort drop-down field in the “Print Labels” and “Print Envelopes” dialogs in Message List results.
272904	IQ4 code changes needed to support new Rest API calls for Ohio DRC in IQ5 v1.11 CR https://iqdsi.com/iq/UX/serviceItem.aspx?id=996063
272905	AutoMerge has been enhanced with two new utility options “Update Empty Birthdates” to address an issue where Null and Oracle’s minimum date (i.e. 01/01/0001) were

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	treated as different values and “Update Empty AddrChk Fields” to populate address fields that contain just a single space to Null.
273104	The following Boards record security defects have been fixed: 1) The lock icon displays open when no record security is assigned. 2) The Security Access levels (Full, Edit, Use, Read, and None) are working properly now.
273105	Boards Security Lock #122 (Create Board Records) is now working properly. When this lock is set to "Denied" a user cannot create a new board record.
273107	The new Convert WAV files to MP3 feature for Voicemails, added in 4.2 Rev 9.6 Recut 10 (TR# 272827), was not retaining the .txt file depending on the order of the attached files.
273124	The L2 import process will now update the Birthdate in a Contact record from the Oracle Minimum date value (i.e. 01/01/001) to Null when no Birthdate is provided in the L2 import.
273144	Previously, Service records would not load when the combined size of Email attachments and Service attachments exceeded 50 MB. The attachment payload capacity has been increased to support larger attachment volumes, with the JSON payload limit increased to approximately 200 MB, allowing Service records to load successfully.
273146	When multiple Service records are merged, IQ4 will now rename an attached file if it is a duplicate. So, if the Service records share a file named MYFILE.pdf, the duplicate file is renamed MYFILE FROM 123456.pdf where 123456 is the ID of the merged Service record.
273215	Fixed the following two errors, which appeared in the IQ Errors Log, but did not prevent the new Contact record from being created… 1) "ORA-00907: missing right parenthesis" – occurred when a multiple word last name was in the <LAST> tag. 2) "ORA-00904: "A"."BIRTHDATE": invalid identifier" – occurred when formatted email contained name and address and birthdate.

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273249	Provides updated SQL to change the refresh rate from 1 minute to 10 minutes for existing Materialized Views for customers with 4.3 Rev 9.7 recut 1. Also includes updated SQL for creating the Materialized Views if they don't exist.
273335	Adds a new CONTEXT column to the CONTACT_STEP table for IQ5 v1.11 CR https://iqdsi.com/iq/ux/serviceItem.aspx?id=997335
273336	Added a new IQ4 Workflow Web Service, TriggerStepInit, which is needed for IQ5 v1.11 CR https://iqdsi.com/iq/ux/serviceItem.aspx?id=997192
273354	IQ4 code changes to support the new AI_AWS_Endpoint System Parameter for the House. Note: The 4.3 Rev 9.7 recut 2 release does not include SQL to create the new System Parameter, it must be added manually.
271942	IQ4 code changes for IQScheduler.vb to delete the Future Info Copy Alert, if the Service record is closed when the SendDelayedAlert Background Job is ready to fire. This is needed for IQ5 v1.11 CR 973321.
273292	Added a new Mail Security Lock #382 'RemoveFromCWC' for IQ5 v1.11 CR 950221
273333	Adds a new table, OUTREACH_SENTDATE_QUEUEU, which is used by a newsletter's Send_Email background job to mass update multiple relation rows with a single SQL statement instead of updating the RELATION table one insert/row at a time. In addition, changes were made to the SQL used for duplicate email checking in the Setup/Build step of the newsletter wizard to help improve accuracy and performance.
273355	The IQ4 Service record Discussion tab now displays IQ5 Discussion entries correctly when sorted by DESC.
273372	Fixed the 500 Server Error when attempting to run the Household Update Tool available in the Admin Module.
273393	The Personal Tag filter was not displaying the tags when expanded in My Active Batches.
273396	The Title, Organization, Organization2, State and Country fields in the "Find or Add a Contact" Search are now using Materialized Views to help reduce the time it takes for IQ4 to display the Contact records.

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	Note: The following SQL can be used to TURN OFF the Materialized Views in Find or Add Contact in IQ4... Insert into system_parameter values('DO_NOT_USE_MV_IN_FIND_ADD','SESSIONSETTING','Y','Y');
273452	On TRDB with 4.3 Rev 9.7 recut 2, the Library Directory was displaying -1 in the grid heading and no Library records were displayed.
273495	Per feedback from Broadnet's VP of Engineering, updated the GetAsync() API call function to include "&clientId=" instead of "?clientId="
273496	A Hint has been added to the SQL used for finding Messages that have a bad primary email address, which could be switched automatically for a good email address in the Contact record.
273503	The refresh schedule for the new materialized views has been changed from every 10 minutes to once a day starting at 2:00am (with a 5-minute increment between each). Note: The following four materialized views will refresh every 30 minutes... M_PEOPLE_AFFILIATION M_RIO_ASSIGNED_TO M_RIO_FORMLETTER M_RIO_ISSUE_AREA
273504	The IQ4 Contacts Type-Ahead Search SQL has been optimized by adding an index hint to improve search performance.
273514	Added a new index, RIO_CHECKEDOUT_STATUS_IDX, to optimize query performance for the My Work Home Page tile.
270562	The default domain URL for What's New has been changed from IntranetQuorum.com to Leidosiq.com.
273253	Additional coding for EEOC FEPA Gateway API integration with IQ4

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273353	Upgraded the Telerik editor to version 2026.3.812.462 in response to Security Vulnerabilities.
273532	When the IQ4 Outbound Email System Setting "Newsletter Send Mail Strategy" is set to Queue, the Hard Stop Date selected in the eNewsletter wizard was not being respected.
273535	Another hint has been added to the SQL used for finding Messages that have a bad primary email address, which could be switched automatically for a good email address in the Contact record. This is a follow-up to TR# 273496 and changes were made to improve performance when loading All Open Messages and All Open and Unbatched Messages grids.
273537	SQL improvement to help the My Work Tile on the IQ4 Home Page load faster.
273560	When the IQ4 Outbound Email System Setting "Newsletter Send Mail Strategy" is set to Buffer, IQ was not processing the OUTREACH_SENTDATE_QUEUE to update the email sent date in the RELATION record, which caused emails to be sent multiple times to the same recipient by the SEND_MAIL_CLEANUP job.
273564	The eNewsletter Home Tile was generating an "arithmetic operation resulted in an overflow". This was resolved by changing the Int16 datatype to Int64 to increase the numeric value range.
273592	When the IQ4 Outbound Email System Setting "Newsletter Send Mail Strategy" is set to Queue, Mass Mailings (i.e. 499 Tmails) created in IQ5 generated the background job, "Process Outreach Send Mail Queue 7585190 START", but did not properly execute the job.

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