



New Features & Functionality in Q Release Version 3.3.0

January 2017

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Release Highlights

New Applications

These new Q applications replace legacy FrontOffice applications:

Assign Career Plan

Calculate GPA

Image Loader

Loader

The Loader application has been written as a separate web application to enable running the application from either the same web server as Q, or implementing a dedicated server for loading schedules to eliminate load stress for regular Q users while schedules are being generated. It may be configured to be added to the Q Menu.

Note: Walk-In Scheduler has been implemented in Student Schedules.

Loader Setup

Mass Schedules

Student Test History

Test Definition

New Reports

Enrollment:

Re-Enrollment Listing

Re-Enrollment Detail

Marks:

Multi-Track Report Card

Student Marks Listing

Scheduling:

Loader Results by Course

Loader Results by Grade/Gender

Unscheduled Period

Testing:

Missing Test

Student Test History

Test Definition

New Features & Functionality

Shell

- Added the ability to print transcripts from Locate Students for past students. Added associated permission item.



| Student Name | Ident | StateID | Gndr | Birthdate | School | Sts | Last Exit |
|--------------------|---------|----------|------|------------|----------------------------------|-----|------------|
| Ables, Elizabeth R | 0000765 | Q0000765 | F | 05/17/1996 | Clarkson's High School (T 13/14) | I | 06/03/2014 |

- Permission items for the Locate button on the main navigation menu and View Locate ID's have been added.

Due to FERPA requirements, the Locate button now has its own permission item. This means the Locate button will 'disappear' for users until the permission has been added to the appropriate Permission Roles.

```
Q [LocatePrintTranscript]
Q [ViewLocateIDs]
Q [Locate]
```

For users with permission to Locate Students, but who do not have permission to View Locate ID's *no* ID columns (Ident and State ID) will be displayed in the Locate results.

- Changed Behavior alerts to show or hide the event detail notes based on logged in user's *Student Profile – Behavior Detail* permission.

| Type | Date | Description / Details |
|---------------|------------|---|
| Legal Binding | | Dual Enrolled student. Part-time enrollment at Blarney HS |
| Behavior | 09/23/2016 | Weapons Firearms - Perpetrator Student was showing a toy gun to students in the class. |

- Added ability to delete multiple notifications at one time on the Notifications slide out area using new checkbox for selection (or select all) and delete button.

Attendance Reports

ADA/ADM Aggregate Summary

- Performance enhancements.

Behavior

Student Discipline

- Changed referrals to allow editing of 'Referred by' field when logged in user is either a System Administrator or has Behavior Referral Administrator rights.

Enrollment

Contact Editor

- Added Sticky headers to the duplicate contact tab table so that when many potential duplicates exist, the primary contact and information remains in view when scrolling.
- Added enforcement of capital letter and numeric character requirement to password verification.

Mass Visits

- Performance improvements.

Student Editor

- Enhance withdrawal procedure to delete any locker assignments that do not have an overlapping enrollment at the school after all enrollments have been closed or deleted as appropriate.
- Added enforcement of capital letter and numeric character requirement to password verification when using standard Q passwords.
- Made the "owner school" for non-students be the student's School of Choice so that the school can edit data.
- Added validation for AKA list when saving student demographics. The AKA Type is required and at least one of First, Middle, or Last is required.
- Modify the immunization entry for a new student to allow entry of verification document type and number for each immunization rather than only once for all immunizations.
- Added new Permission Item Student Editor [EditEnrollmentHistorySchoolOnly]. If a user has this permission *instead of* [EditEnrollmentHistory], they will still get the "Edit All" button for Enrollments, but the Status, Grade, Entry Date, and Exit Date (and the ability to add or delete) *are only editable for records for the logged-in school and >= the logged-in school year.*

- Added Student Demographic extension areas 6-9. Also, each of the Demographic Extension areas 2-9 is now in its own table so column alignment in one does not affect the others.

Student Lockers

- Changed application to only return available lockers when adding a new locker to a student.

Student Profile

- Changed behavior incident drilldown to display multiple penalties information when more than one penalty exists.
- Added number of days assigned to the behavior penalty displayed information.
- Added permission item: Student Profile [Marks Date Override]. When applied to a role, those assigned the role will see *all marks* entered without regard to the 'View After Date' defined for the term.
- Changed assignment area to omit returning assignments that occurred outside of the student's schedule dates when it has not been graded.

Summons

- Changed application to handle special characters upon form submission.
- Added checking to the summons message field to not allow it to exceed 254 characters.

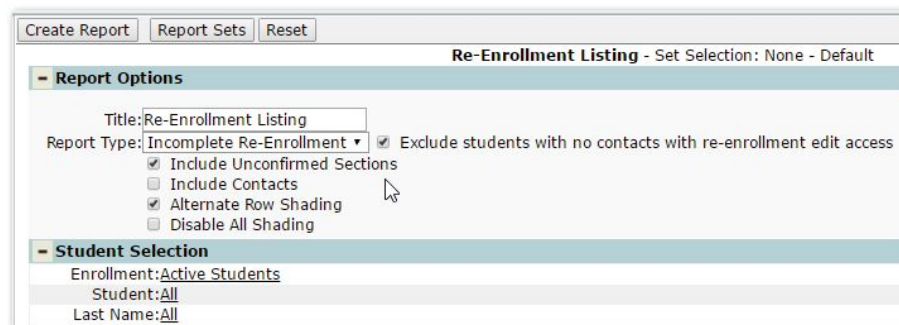
Enrollment Reports

Re-Enrollment Listing

- New report to list students who have not completed the re-enrollment process, who have completed the re-enrollment process, or who have no contacts who have permission to fill out the online re-enrollment forms.

Re-Enrollment Detail

- New detail student report for re-enrollment. Shows data for Student sections only. Includes student extension areas defined for re-enrollment, although complex extension designs may need to be simplified.



The screenshot shows the configuration interface for the 'Re-Enrollment Listing' report. At the top, there are buttons for 'Create Report', 'Report Sets', and 'Reset'. The title of the report is 'Re-Enrollment Listing - Set Selection: None - Default'. Under the 'Report Options' section, the 'Title' is 'Re-Enrollment Listing' and the 'Report Type' is 'Incomplete Re-Enrollment'. There are several checkboxes: 'Exclude students with no contacts with re-enrollment edit access' (checked), 'Include Unconfirmed Sections' (checked), 'Include Contacts' (unchecked), 'Alternate Row Shading' (checked), and 'Disable All Shading' (unchecked). Under the 'Student Selection' section, 'Enrollment' is set to 'Active Students', 'Student' is set to 'All', and 'Last Name' is set to 'All'.

Student Profile

- Added preference (in the Preference Cog) to enable choosing between Student and Class/Student selection filter.



- Changed assignment area to omit returning assignments that occurred outside of the student's schedule dates when it has not been graded.
- Changed Marks and Standards areas to honor new permission item *Student Profile [Marks Date Override]*.

Withdrawal Checklist

- Changed to make locker listing information date sensitive.

Food Service

Data Entry

- Changed to allow data entry on non-track dates.
- Pop-up window may now be dragged and moved.

Direct Certification

- Added the ability to hide any Direct Certification Import Sets that are no longer being used.

Food Service Accounts

- In the Account Detail Report (printed from the Eligibility tab), school code now included next to the school name when logged on at the district level.
- When logged on at the school level, Cash Transactions are now limited to the logged in school.
- Added new tab/function "Account Reconciliation", allowing users to reconcile student meal records against eligibility status records (only un-posted transactions are included in the process). List includes students with errors within the logged-in school or district-wide. 'Report' button is included which produces a roster.

Food Service Setup

- Added a way to designate a District Online Payment Cash Drawer.

Payments

- Default the school dropdown in Multiple Payments to "District-wide".

Features & Functionality of Q Version 3.3.0

- Add the ability to print receipts for both single and multiple payments.

Process Applications

- Added ability to allow sorting of the Review List.
- Add the School Name to the Online Application when printed. Also add Print History like Eligibility Applications.
- Update Online Processing to implement Reduction of Benefits (ROB) processing and functionality to Process Applications similar to FS Eligibility Applications. Reduction of Benefits processing for Carryover applications is controlled by a newly added preference 'ROB notice for Carryover Applications'.

Food Service Reports

Application Sharing Survey

- Add Free/Reduced/Paid checkbox filters to the Application Sharing Survey Report.

Daily Detail

- Added a new report: Non-Cash Transactions Detail which can be run for a date range.

Monthly Summary

- All Food Service Monthly Summary reports can now span across months. Since Provision 2 & 3 summary data calculations cannot span months, Participation Summaries on the Monthly POS Summary include non-Provision 2 & 3 data only when Begin & End dates span months.

Point-of-Sale Analysis

- Added the Meal Item Description ("Item") field.

Point-of-Sale Letters & Labels

- Applied application-side updates for staff email.

Point-of-Sale Rosters

- Added a new 5 Day Barcode Roster report.

Reimbursement Reports

- Added the 'Select School(s)' feature in the School dropdown.

Features & Functionality of Q Version 3.3.0

Health

Class Health Screenings

- Added checkbox for each student on the roster to allow student to be included or excluded for entering health screening.

Class Health Screenings Clarkson's High School - T 301 16/17 Welcome

| Crs-Sect | Course Title | Course | Section | Term | Day | Period | Teacher | Room | Subject | Max | Enrl | Department | Track |
|----------|----------------|--------|---------|------|-----|--------|--------------|-------|--------------------|-----|------|--------------------|-------|
| PAS4-1 | Team Sports/PC | PAS4 | 1 | S2 | R | AD | Collins, Ted | E Gym | Physical Education | 47 | 19 | Physical Education | T |

Class 4 of 620

Reset Submit

Date: 01/24/2017 Type: Color Vision Build List

Start Time: 07:33 AM End Time: 07:48 AM

| Student | Status | Result | Notes | Alert |
|--|--------|--------|-------|-------|
| <input checked="" type="checkbox"/> Default Values | | | | |
| <input checked="" type="checkbox"/> Boyer, Daniel C (1025838) | | | | |
| <input checked="" type="checkbox"/> Brinker, Scott J (1020666) | | | | |
| <input checked="" type="checkbox"/> C'hen, Jeny D (1025585) | | | | |
| <input checked="" type="checkbox"/> Cha, Serrina E (0017757) | | | | |
| <input checked="" type="checkbox"/> Chen, Jeremy (1022505) | | | | |
| <input checked="" type="checkbox"/> Davis, Christopher L (0018962) | | | | |
| <input checked="" type="checkbox"/> Dennis, Gurupurkha A (1022447) | | | | |

Student Health

- Updated immunization compliance calculation procedure to add an option to not require the 2nd dose of Varicella to be compliant.
- Added assessments, diagnoses, and treatments to the office visit detail area.

Health Reports

Health Profile Report

- The previous report design for Immunizations in the Student Health Profile report allowed maximum of 5 doses. The fixed grid design has been replaced with a more flexible listing format.

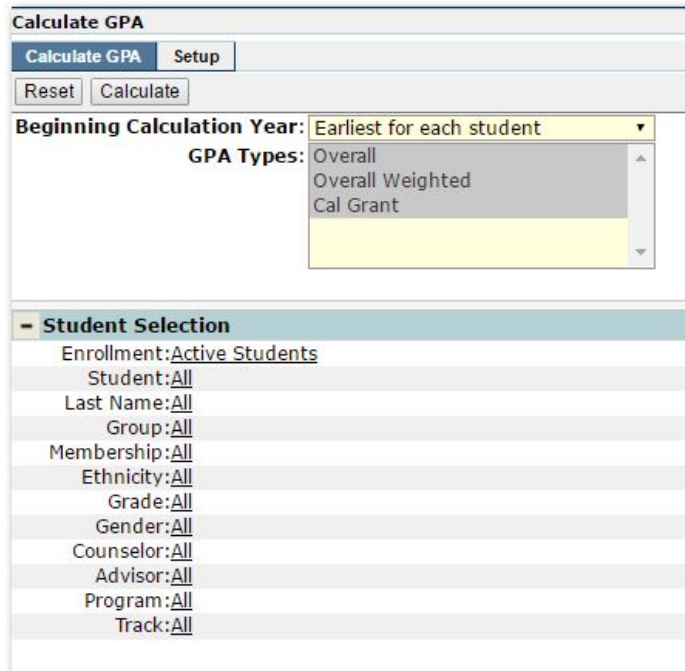
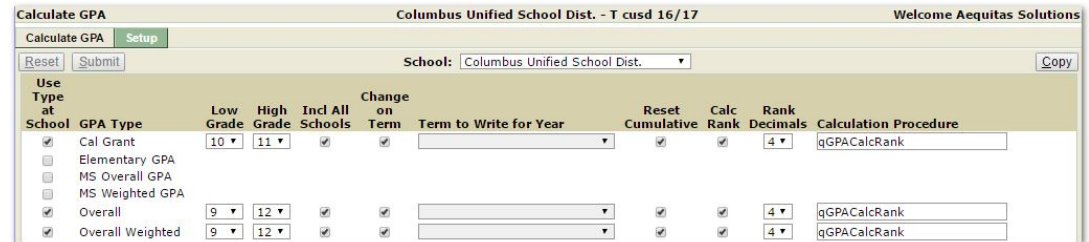
Medications Administered

- Changed excel export of report to return formatted time for 'From Time' and 'To Time' values rather than number of minutes from midnight.

Marks

Calculate GPA

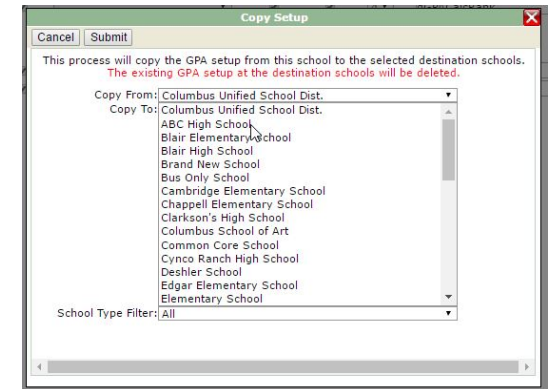
- A new application to replace the legacy FrontOffice Calculate GPA application.

| Use Type at School | GPA Type | Low Grade | High Grade | Incl All Schools | Change on Term | Term to Write for Year | Reset Cumulative | Calc Rank | Rank Decimals | Calculation Procedure |
|-------------------------------------|------------------|-----------|------------|-------------------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------------------|---------------|-----------------------|
| <input checked="" type="checkbox"/> | Cal Grant | 10 | 11 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 4 | qGPACalcRank |
| <input type="checkbox"/> | Elementary GPA | | | | | | | | | |
| <input type="checkbox"/> | MS Overall GPA | | | | | | | | | |
| <input type="checkbox"/> | MS Weighted GPA | | | | | | | | | |
| <input checked="" type="checkbox"/> | Overall | 9 | 12 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 4 | qGPACalcRank |
| <input checked="" type="checkbox"/> | Overall Weighted | 9 | 12 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 4 | qGPACalcRank |

The application uses school defaults set in the FrontOffice application 'Modify Defaults' button (*GPAGRADES* table). The Setup tab has its own permission item.

Setup from the district will allow you to setup any school and has a copy feature. If calculating GPA's from the district, the process determines the primary school of enrollment for a student and uses the GPA defaults for that school.



Gradebook

- Changed Behavior alerts to show or hide the event detail notes based on logged in user's Student Profile – Behavior Detail permission. *See Shell item for sample screen.*
- Disable the Post Marks/Submit button when clicked to stop double-clicks.

Features & Functionality of Q Version 3.3.0

Marks Setup

- To support providing access to users to translate Report Card messages without providing access to *Report Card Setup*, a tab has been added to *Marks Setup* to allow a user to add/edit report card messages for multiple languages. The Report Card Message Tab has its own permission item.



Student Marks

- Performance improvements.
- Changed application to retrieve comments for dropdown based on class track rather than logged in track. This caused potential issues when accessing or changing marks when logged into the district.
- Changed application to disable the Submit and Reset buttons upon initial click to submit the form to not allow multiple submissions of the data.

Student Academic History

- Added a check for Waivers where there was no mark given. This should now pick up the credits and shift them.
- Updated procedure to honor the round/truncate option preference (set in SNPREF) when calculating GPA.
- Changed transcript add/edit view to clear existing mark types, mark sets, and marks awarded when the waiver flag is selected. Also changed to not default the mark set value upon course selection when the waiver checkbox is checked.

Report Card Setup

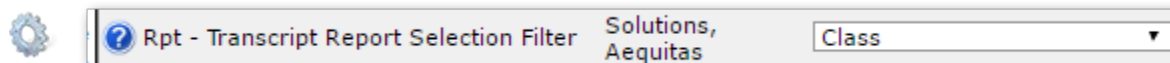
- Report Set drop-down sort order changed to use Report Set name.

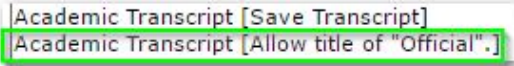
Features & Functionality of Q Version 3.3.0

Mark Reports

Academic Transcript

- Added option 'Print School E-Mail Address'. Default is on.
- Added Preference for 'Selection Filter'. It is a dropdown with choices: Student and Class. The setting determines which filter is displayed to the user: Student or Student and Class.



- The filter preference is only honored when logged into the current school year. When logged into a different school year, or when accessed from within Academic History or Locate Students the report will only utilize the Student filter.
- Added Permission 'Allow title of "Official".'. If user does not have this permission then 'Official' is removed from title choices and any use of the word Official in Custom title is rejected.
 
- Remove Rank header from GPA Summary section when user is NOT displaying Rank and Size of each GPA Summary.
- Added a label for Ethnicity data in the transcript header.
- Implemented printing school name for 'School within a School' concept based the student's membership code matching a record in the School Editor where there is either a matching School code or a match from *Other Schools* on External ID.

Class Mark Listing Report

- Changed default sorting to be first by teacher, then by period so that when report is run for multiple teachers, the grouping makes more sense for distribution.
- Added options to enable hiding of gender and grade level columns so teachers can post marks for class on door without revealing additional identifying information.

Gradebook Progress

- Modified to return tasks in the Category Sequence specified in the teachers Grade Book Category Setup when the report tasks are grouped by Category.

Marks Distribution Analysis

- Adjusted numerical fields to be treated as such in the Pivot results instead of as strings. Example Alert and Points fields can now easily be summed in detail result display.
- Changed report filter to be Student/Class filter to enable ability to change enrollment criteria to all students this year.

Features & Functionality of Q Version 3.3.0

Multi-Track Report Card

- A new Q report replacing legacy Front Office Multi-Track Report Card.

The screenshot displays the 'Multi Track Report Cards' software interface. On the left, there are two panels for configuring the report. The top panel, titled 'Multi Track Report Cards - Set Selection: None - Default', includes a 'Report Options' section with a 'Report Format' dropdown set to 'Multi-Term' and buttons for 'Expand All' and 'Collapse All'. Below this are expandable sections for '+ Options', '+ Include Options', '+ Avgs / GPA / Credit Options', '+ Select Marks/Comments', '+ Address To', '+ Text', '+ Activities', '+ Tests', '+ Standards', and '+ Sort By Period'. The bottom panel, 'Student Selection', shows 'Enrollment: Active Students', 'Student: All', and 'Last Name: All'. The main area on the right shows a sample report card for 'Seung-hyo A Aaron' (ID: 0004707) from 'Clarkson's High School'. The report is for 'Semester 1' and includes a table of marks for various courses and standards. The table has columns for course/teacher, and then columns for each period (XP1, 1P1, 1P2, 1P3, S1, 2P1, 2P2, 2P3, S2) and a 'Crd' column with sub-columns for 'Awd', 'Abs', and 'Tdy'. Below the table are 'Term Averages' and 'Track Totals'.

| Per | Course | Teacher | XP1 | 1P1 | 1P2 | 1P3 | S1 | 2P1 | 2P2 | 2P3 | S2 | Crd | Awd | Abs | Tdy |
|-----|--------------------|-----------|-----|-----|-----|-----|----|-----|-----|-----|----|-----|--------|-----|-----|
| 03 | Calculus AP AB | J. Click | | | | | | | | | | | 0.0000 | 0 | 0 |
| 04 | Elem Algebra Basic | R. Andrus | | | B | O | D | B | O | B | | | 0.0000 | 6 | 1 |

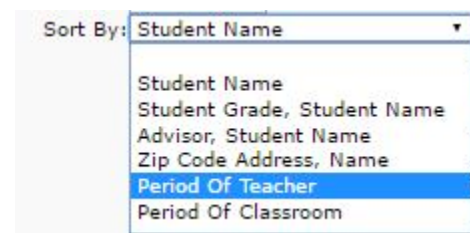
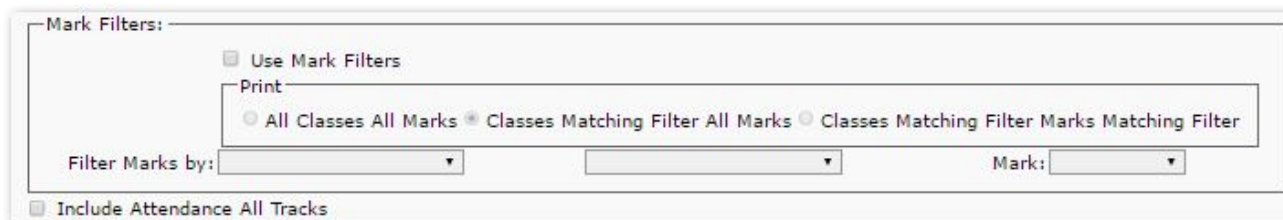
Term Averages
 Eligible GPA => 2.0 X Progress 1 - 4.0000*; S1 Triad 3 - 1.0000; Semester 1 - 3.0000*
 Standard GPA => 3.0 Semester 1 - 3.6666*

Track Totals:
 0.0000 6 1

Features & Functionality of Q Version 3.3.0

Report Card

- Added ability to print report cards only for students with specific marks. Includes option to print all the selected students' marks or only those marks selected.
- Added option to print Attendance from All tracks within the date range.
- Add 2 more sorts, by Period of Teacher or by Period of Classroom based on a selected period and date. Within period it sorts by student name. User can select to print only specific teachers/rooms.
- Updated to exclude terms that have not ended at the date the report card is run.
- Implemented printing school name for 'School within a School' concept based the student's membership code matching a record in the School Editor where there is either a matching School code or a match from *Other Schools* on External ID.
- Added set name to sort sequence for report set dropdown.



Student Marks Listing

- A new Q report replacing legacy Front Office Student Marks Listing report.

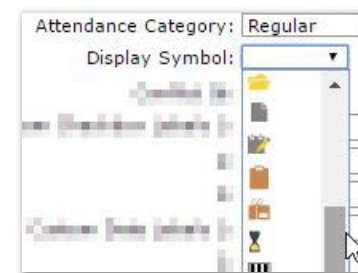
Programs

Caseload Manager

- Added QLIPs to save routines for service withdrawal, service transfer, and service additions.

Program Editor

- Changed program editor to use new Unicode glyph characters for display symbol field.
- Changed interface to use dropdown to select actual glyph character rather than typing in a keyboard character forcing view of resulting character elsewhere.



Features & Functionality of Q Version 3.3.0

Service Tracker

- Added Caseload icon to left side of the application with a slide-out list of students in the caseload. When no student is selected in the banner, the icon slides out to show the list of students in the banner. Users may click on a student from the Caseload slide-out list to select a student. The list will scroll if needed. Clicking the Caseload icon or the small red X will close the slide-out list.

Student Special Education

- Performance improvements.

Service Tracker Reports

Student Eligibility Report

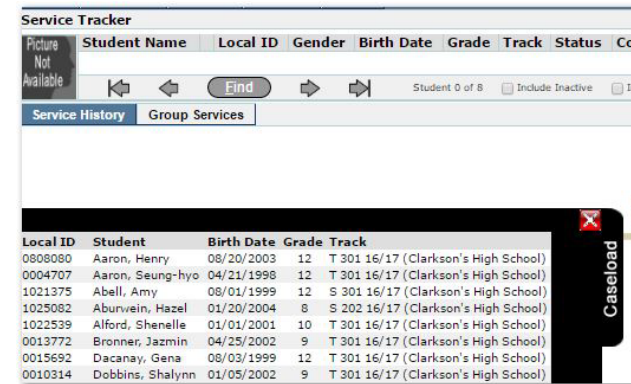
- Added option *Eligible Date* value to header in both report and export.

Student Eligibility by Practitioner Report

- Added option *Eligible Date* value to header in both report and export.

Reporting

- When teachers who have a role with 'All Students' checked, the Student Class report filter will now enable them to filter on all teachers, classes, and students.
- Added Immunizations, Screening and Medical History areas to Data Designer.
- Updated FS Eligibility Data Designer function to include students with no current FS Status record as 'Not Eligible'.
- Performance improvements for reporting filters.



The screenshot shows the 'Service Tracker' application window. At the top, there is a header with columns: Student Name, Local ID, Gender, Birth Date, Grade, Track, Status, and Co. Below the header is a search bar with a 'Find' button and navigation arrows. A 'Caseload' slide-out list is visible on the right side, containing a table of student data. The table has columns for Local ID, Student, Birth Date, Grade, and Track. The data rows are as follows:

| Local ID | Student | Birth Date | Grade | Track |
|----------|------------------|------------|-------|--------------------------------------|
| 0808080 | Aaron, Henry | 08/20/2003 | 12 | T 301 16/17 (Clarkson's High School) |
| 0004707 | Aaron, Seung-hyo | 04/21/1998 | 12 | T 301 16/17 (Clarkson's High School) |
| 1021375 | Abell, Amy | 08/01/1999 | 12 | S 301 16/17 (Clarkson's High School) |
| 1025062 | Aburvein, Hazel | 01/20/2004 | 8 | S 202 16/17 (Clarkson's High School) |
| 1022539 | Alford, Shenelle | 01/01/2001 | 10 | T 301 16/17 (Clarkson's High School) |
| 0013772 | Bronner, Jazmin | 04/25/2002 | 9 | T 301 16/17 (Clarkson's High School) |
| 0015692 | Dacanay, Gena | 08/03/1999 | 12 | T 301 16/17 (Clarkson's High School) |
| 0010314 | Dobbins, Shalynn | 01/05/2002 | 9 | T 301 16/17 (Clarkson's High School) |

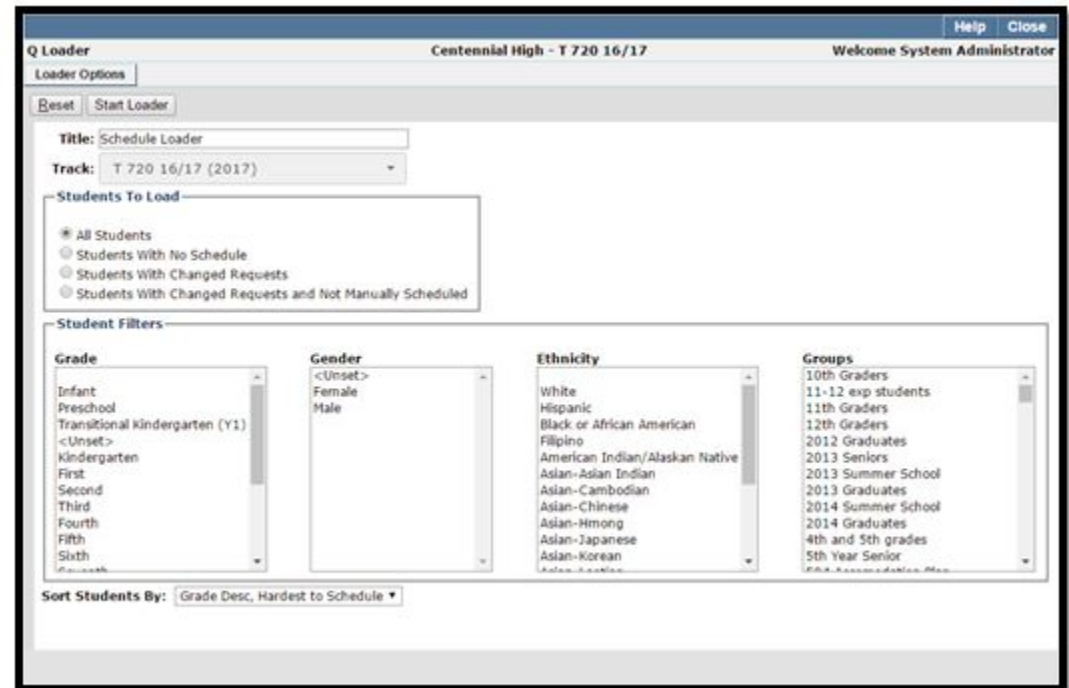
Scheduling

Assign Career Plan

- A new application to replace the legacy FrontOffice Assign Career Plan application.

Loader

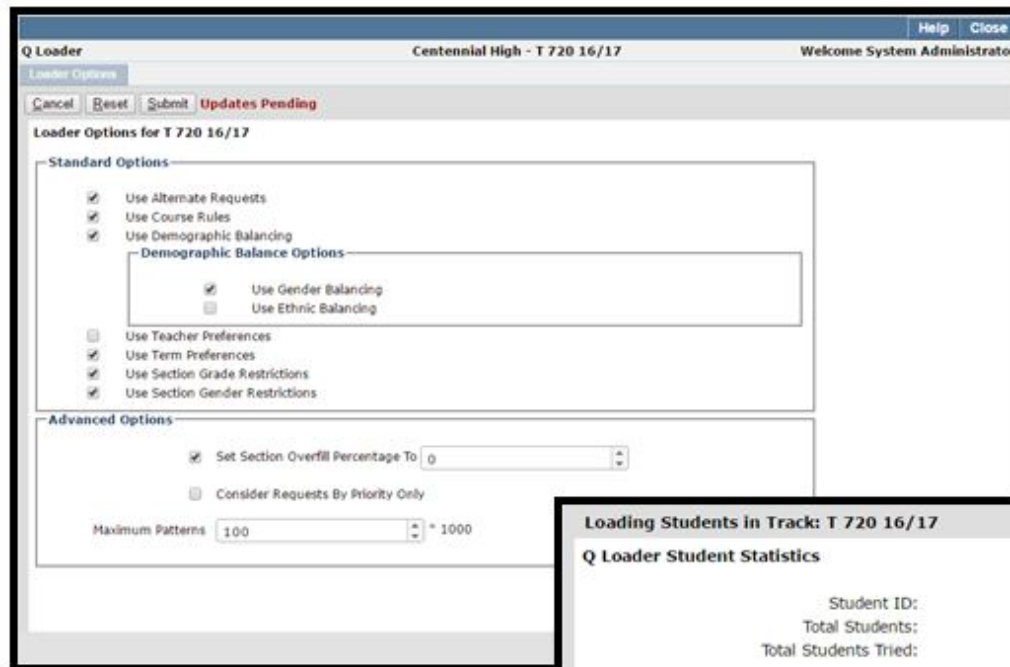
- New Q application to replace the legacy FrontOffice Schedule Loader. This application has been written as a separate web application to enable running the application from either the same web server as Q, or implementing a dedicated server for loading schedules to eliminate load stress for regular Q users while schedules are being generated. Please review the Q Loader Technical Document for details on setup, configuration and what is required for adding the Loader to the Q menu.
- The Loader application includes Loader Options which is also available through the Loader Setup application.
- The new Loader algorithm has been designed to include the following enhancements:
 - Ability to sequence students so that the hardest to schedule students will be scheduled first, based on the number of requests that are singletons, doubletons, etc.
 - Automatically sequence non-prioritized requests by singletons, doubletons, etc. for more efficient loading.
 - Efficiently balance section loads as requests are filled, starting with the first request.
 - Automatically relax non-mandatory preferences and rules (soft rules) as necessary to schedule students.



Loader Home Screen when launched from the Q Menu.

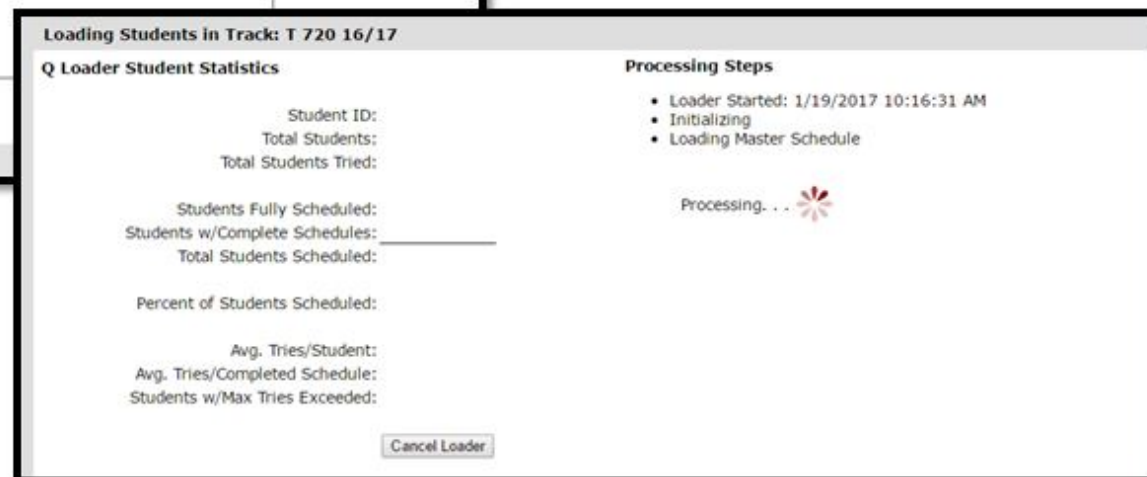
Features & Functionality of Q Version 3.3.0

- Provide better performance statistics while processing.



The screenshot shows the 'Q Loader' application window for 'Centennial High - T 720 16/17'. The window title includes 'Help' and 'Close' buttons. Below the title bar, there are 'Cancel', 'Reset', and 'Submit' buttons, with a red 'Updates Pending' indicator. The main content area is titled 'Loader Options for T 720 16/17' and is divided into two sections: 'Standard Options' and 'Advanced Options'. In the 'Standard Options' section, several checkboxes are checked, including 'Use Alternate Requests', 'Use Course Rules', 'Use Demographic Balancing', 'Use Gender Balancing', 'Use Teacher Preferences', 'Use Term Preferences', 'Use Section Grade Restrictions', and 'Use Section Gender Restrictions'. The 'Demographic Balance Options' sub-section has 'Use Gender Balancing' checked and 'Use Ethnic Balancing' unchecked. In the 'Advanced Options' section, 'Set Section Overfill Percentage To' is checked and set to 0, and 'Consider Requests By Priority Only' is unchecked. At the bottom, there is a 'Maximum Patterns' field set to 100, with a multiplier of * 1000.

Loader Options for selected track



The screenshot shows a dialog box titled 'Loading Students in Track: T 720 16/17'. It is divided into two columns: 'Q Loader Student Statistics' and 'Processing Steps'. The 'Q Loader Student Statistics' column lists various metrics: 'Student ID:', 'Total Students:', 'Total Students Tried:', 'Students Fully Scheduled:', 'Students w/Complete Schedules:', 'Total Students Scheduled:', 'Percent of Students Scheduled:', 'Avg. Tries/Student:', 'Avg. Tries/Completed Schedule:', and 'Students w/Max Tries Exceeded:'. The 'Processing Steps' column shows a list of steps: 'Loader Started: 1/19/2017 10:16:31 AM', 'Initializing', and 'Loading Master Schedule'. Below the list, there is a 'Processing...' indicator with a red flower icon. At the bottom of the dialog, there is a 'Cancel Loader' button.

Loader Statistics & Processing Steps are updated in real-time while processing

Loader Setup

- A new application to replace the following legacy FrontOffice applications: Loader Options, Loader Rules, Section Linking, and Prepare Mid-Year applications. The Loader Setup application consists of tabs for the different areas and each tab is permissionable.

Loader Setup Clarkson's High School - T 301 17/18

Options | Class Rules | Course Load Balancing | Section Linking | Prepare Mid-Year

Reset | Submit Track: Clarkson's High School

Standard Options

- Use Alternate Requests
- Use Course Rules
- Use Demographic Balancing
 - Use Gender Balancing
 - Use Ethnic Balancing
- Use Teacher Preferences
- Use Term Preferences
- Use Section Grade Restrictions
- Use Section Gender Restrictions

Advanced Options

- Set Section Overfill Percentage To
- Consider Requests By Priority Only

Maximum Patterns: * 1000

Loader Setup Clarkson's High School - T 301 16/17

Options | Class Rules | Course Load Balancing | Section Linking | Prepare Mid-Year

Add | Edit | Delete Track: Clarkson's High School - T 301 16/17

Priority Rule

- For students with graden = 10 and genderc = F, always schedule LG11 with the same term and teacher and section as LG21.
- For students with graden = 12 and genderc = F, always schedule ME03 with the same section as ME06.
- For all students, always schedule ME05 with the same section as MG12.
- For all students, always schedule ME31 with the same section as ME42.

Options | Class Rules | Course Load Balancing | Section Linking | Prepare Mid-Year

Add | Edit | Delete Track: Clarkson's High School - T 301 16/17

Priority Rule

- Always balance courses in group "GATE Course" across terms to a maximum difference of 0.00 meeting times.

Options | Class Rules | Course Load Balancing | Section Linking | Prepare Mid-Year

Add | Edit | Delete Track: Clarkson's High School - T 301 16/17

| Class | Description | Teacher | Linked Sections | | | |
|----------|---------------------------|----------------------|-----------------|-----|--------------------|--------------------------|
| EA51-1 | Journalism 1 | Cortese, Henry (166) | Course Code | Sec | Course Description | Teacher |
| ME03-100 | Elem Algebra Basic Andrus | Andrus, Roberta (27) | EA51 | 1 | Journalism 1 | Cortese, Henry (166) |
| | | | EC21 | 1 | Composition 2 | Martin, Brenda (1019955) |

Options | Class Rules | Course Load Balancing | Section Linking | Prepare Mid-Year

Process Track: Clarkson's High School - T 301 16/17

The Prepare Mid-year application provides a mechanism for "locking down" student schedule records in previous terms so subsequent terms can be scheduled without affecting the previous term schedules.

The existing schedule records to be locked down are determined as follows:

- All "non-progress report" terms that precede the selected term are calculated (according to their trmstart attribute defined in the Lookup Code Editor).
- All sections that meet in the preceding non-progress terms are then calculated.
- All student schedule records for these sections are then updated such that the Schedule Entry Code is set to "Prescheduled," thus locking them from being affected by subsequent Student Schedule Loader operations. The remaining student requests (i.e. those that are not referenced by a "locked" schedule record) will then be scheduled around the locked schedules when the Student Schedule Loader is run.
- All unsatisfied course requests for the currently scheduled term must be deleted.

First term to be scheduled:

Mass Schedules

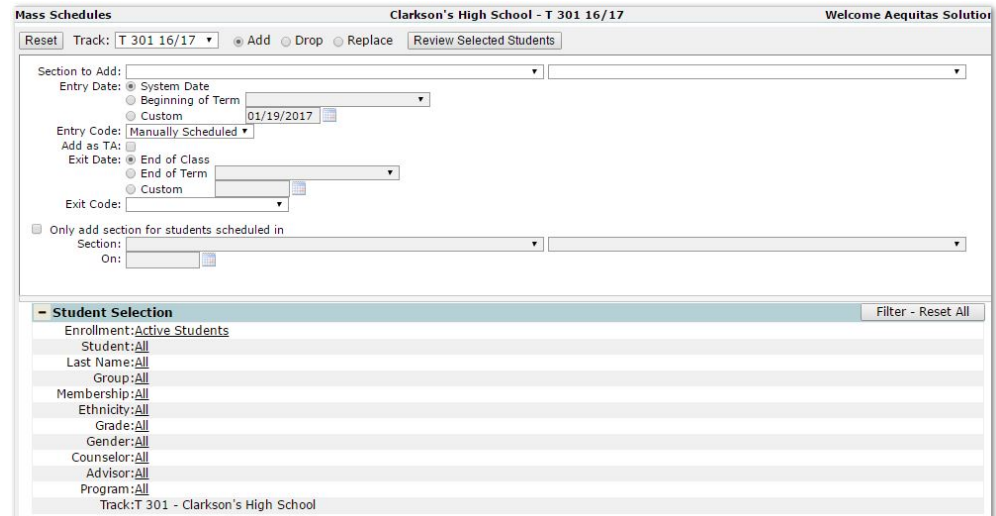
- A new application to allow for mass add, drop and replacement of student schedules. This application replaces the legacy FrontOffice Mass Schedules application.

Seating Chart

- Changed Behavior alerts to show or hide the event detail notes based on logged in user's Student Profile – Behavior Detail permission.

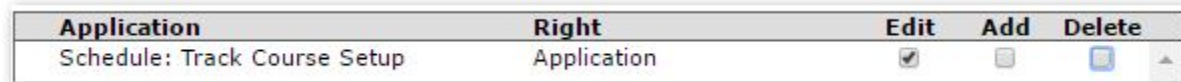
Student Schedules

- Added Team to detail information when one is associated with selected class
- Added Schedule View By (either Term or Cycle) to the application defaults. When launching the application the Schedule View By setting will be whichever was last used.
- When printing schedule, if "Include Classes that Start After this Date" is checked a list box of terms appear for selection. This matches additional functionality that was added to the report.
- Changed application to not clear scheduled requests regardless of their lock status.
- Implemented the 'Show Total Student Count' Preference [From FrontOffice Preferences for Student Schedule Editor] to allow the "TStu" column to be suppressed from the Section Scheduler Grid. Suppressing the Total Student Count improves performance of the query that retrieves the list of sections. The Q application defaults to 'No' if the preference is not set.
- Walk-In Scheduler is now implemented. Clicking the WIS button will run the loader for the selected student and rebuild the schedule display.



Track Course Setup

- Implemented ability to use up and down arrows while editing in the 'Courses Selected' side of the grid/application to facilitate editing fields such as Section Size, Section# and Periods per Cycle Day or PPC.
- Changed the application to honor the 'Add' and 'Delete' flags in the permission item *Schedule: Track Course Setup*. When the Add flag is unchecked the mover arrows to add courses to the track do not appear. The same applies to the Delete flag and the mover arrows to remove courses from the track. Leaving the Edit flag checked on gives users the ability to edit attributes of the Course, such as Size, PPC, etc.



Course Selection

Track: Clarkson's High School (T 301 16/17)

Department: {all} Low Grade: {all} High Grade: {all} X

Regalc # Sects

| District Courses | | Courses Selected | | | | | | | | | |
|------------------|--------------------------------|------------------|----------------------------------|-----|------|------|------|------|------|------|-----|
| Code | Description | Code | Description | PPC | Eper | Lper | Sect | Size | Size | Term | Sel |
| 0 | Kindergarten | 108 | Music Appreciation | 1 | 0 | 0 | 0 | 34 | 0 | | ✓ |
| 00000 | Test copy 2 for bug | 1082 | Music Appreciation 2 | 1 | 0 | 0 | 0 | 14 | 0 | | ✓ |
| 004079 | Integrated Mathematics 1 P | 1975 | Family Life | 1 | 0 | 0 | 1 | 25 | 1 | | ✓ |
| 03SKILLS | A Level Study and Social Skill | 9999 | Basic Course | 1 | 0 | 0 | 1 | 30 | 1 | | ✓ |
| 040795 | Integrated mathematics 2 P | 9999.S | Basic Course (S) | 1 | 0 | 0 | 1 | 30 | 1 | | ✓ |
| 0TK | Transitional Kindergarten | 9999AP | AP-H Course | 1 | 0 | 0 | 1 | 30 | 1 | | ✓ |
| 1 | First | 9999H | Honors Course | 1 | 0 | 0 | 1 | 30 | 0 | | ✓ |
| 1-2 | First/Second | 140991 | Citizenship Ranger Pride Program | 1 | 0 | 0 | 1 | 900 | 0 | YR | ✓ |
| 1-2-3 | First/Second/Third | ALGA001Q1 | Algebra A - Q1 | 1 | 0 | 0 | 1 | 35 | 0 | 1P1 | ✓ |
| 1083 | Music Appreciation 3 | C125 | Citrus College Comp Sci C++ | 1 | 0 | 0 | 1 | 30 | 1 | S1 | ✓ |
| 12345 | Student Study Skills | C145 | Citrus College Program C++ | 1 | 0 | 0 | 1 | 30 | 1 | S2 | ✓ |
| 123456 | Sample Course | COUNSELOR | See Your Counselor | 1 | 0 | 0 | 0 | 100 | 0 | | ✓ |
| 1LANG1 | 1Language Arts Grade 1 | EA51 | Journalism 1 | 1 | 0 | 0 | 2 | 32 | 1 | S1 | ✓ |
| 2 | Second | EA53Y | Journalism 2 | 1 | 0 | 0 | 1 | 32 | 1 | YR | ✓ |
| 2-3 | Se | EA71 | Reading Skills | 1 | 0 | 0 | 2 | 32 | 1 | S1 | ✓ |
| 2-3-4 | Se | EA71Y | Reading Skills | 1 | 0 | 0 | 1 | 32 | 1 | YR | ✓ |
| 2LANG | Lev | EA72 | Reading Skills | 1 | 0 | 0 | 2 | 32 | 1 | S2 | ✓ |
| 2MATH | Lev | EA93YXXXX | Interscholastic Speech & Debates | 1 | 0 | 0 | 2 | 32 | 1 | YR | ✓ |
| 2MATH1 | 2M | EC13Y | Freshman English | 1 | 0 | 0 | 28 | 20 | 1 | YR | ✓ |
| 3 | Thi | EC14Y | Freshman English | 1 | 0 | 0 | 1 | 20 | 1 | | ✓ |
| 3-4 | Thi | EC21 | Composition 2 | 1 | 0 | 0 | 9 | 32 | 1 | S1 | ✓ |
| 3/4/5 | Thi | EC22 | Composition 2 | 1 | 0 | 0 | 8 | 32 | 1 | S2 | ✓ |
| 3ART | Lev | EC31 | Composition 3 | 1 | 0 | 0 | 7 | 32 | 1 | S1 | ✓ |
| 3HIST | Lev | EC32 | Composition 3 | 1 | 0 | 0 | 8 | 32 | 1 | S2 | ✓ |
| 3LIST | Lev | EC41 | Composition 4 | 1 | 0 | 0 | 2 | 32 | 1 | S1 | ✓ |
| 3MATH | Lev | EC91Y | Lang/Comp AP | 1 | 0 | 0 | 6 | 32 | 1 | YR | ✓ |
| 3PE | Lev | EL21 | Ethnic Lit | 1 | 0 | 0 | 3 | 32 | 1 | S1 | ✓ |
| 3READ | Lev | | | | | | | | | | |
| 3SCI | Lev | | | | | | | | | | |
| 3SCI1 | 3S | | | | | | | | | | |
| 3WRIT | Lev | | | | | | | | | | |
| 4 | Fourth | | | | | | | | | | |
| 4-5 | Fourth/Fifth | | | | | | | | | | |
| 4-5-6 | Fourth/Fifth/Sixth | | | | | | | | | | |
| 4-6 | Fourth/Fifth/Sixth | | | | | | | | | | |

1125 535

Add and Remove Mover arrows are hidden when corresponding Add and Delete flags are unchecked in the Permission Item.

Scheduling Reports

Checklist Roster

- Changed report selection filter from Class to Student/Class to enable printing class roster subsets such as At Risk Students by class, or all 9th grade males by class, etc.

Class Mailing Labels

- Changed report selection filter from Class to Student/Class to enable printing class roster subsets such as At Risk Students by class, or all 9th grade males by class, etc.

Class Roster

- Changed report selection filter from Class to Student/Class to enable printing class roster subsets such as At Risk Students by class, or all 9th grade males by class, etc.

Course Request List & Tally

- Changed report to retrieve Section Size and TA size values from the configuration in Track Course Setup (*TRKCRS*) rather than the defaults established in District Courses.

Loader Results by Course

- A new Q report to replace the 'By Course' portion of the FrontOffice *Loader Result Summary* report.

Loader Results by Grade/Gender

- A new Q report to replace the 'By Grade/Gender' portion of the FrontOffice *Loader Result Summary* report.

Master Schedule

- Changed report to dynamically build the potential length of cycle day codes based on the maximum number of cycle days at the school rather than hard coding to a maximum of 10 cycle days.

Unscheduled Period

- A new Q report to replace the legacy FrontOffice Unscheduled Period report.

School

Auto Tracker

- Changed Save routine to allow saving blank fees and amount paid values.

Features & Functionality of Q Version 3.3.0

Staff

Staff Editor

- Added enforcement of capital letter and numeric character requirement to password verification when using standard Q passwords.

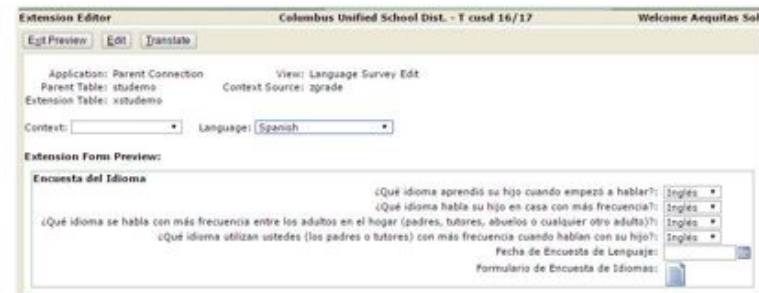
System

Extension Editor

- Enhanced to enable maintenance of translation of labels and value sources.
- Added Preview of extension items to enable reviewing layout without having to launch target application.
- Added 'Resequence Rows' button to mass renumber rows with a user-specified interval.
- Made Label text field a text area which expands when in focus to better support viewing of long contents.



Editing Translation



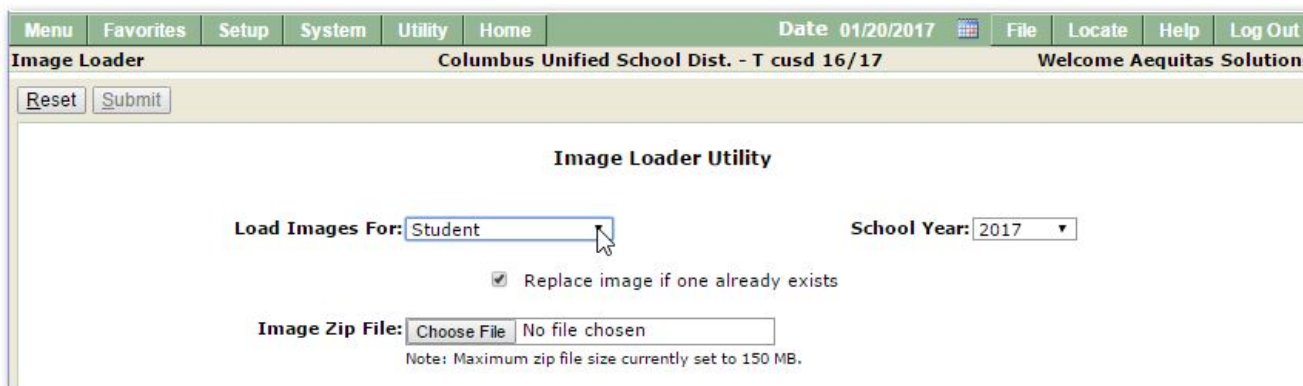
Preview

Group Editor

- Change error checking of SQL statement when used with a dynamic group to prevent the SQL from containing the whole words delete, truncate, insert, update, or drop. Previous version would cause an error if one of these words was in the SQL statement even as part of another word (e.g. referencing a column named AUPdate).

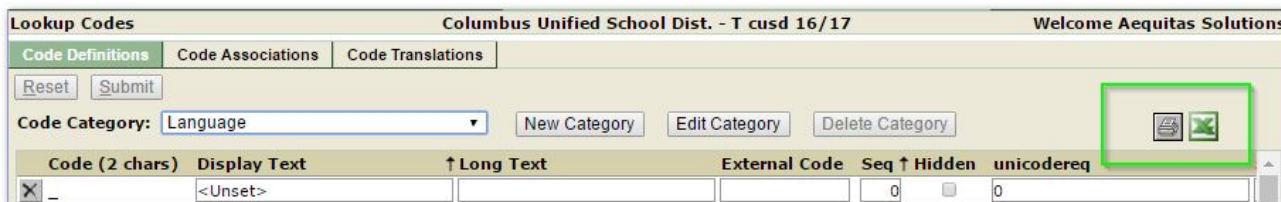
Image Loader

- A new application to replace the legacy FrontOffice Image Loader utility.



Lookup Code Editor

- Added Excel export to Code Definitions and Code Translations tabs.

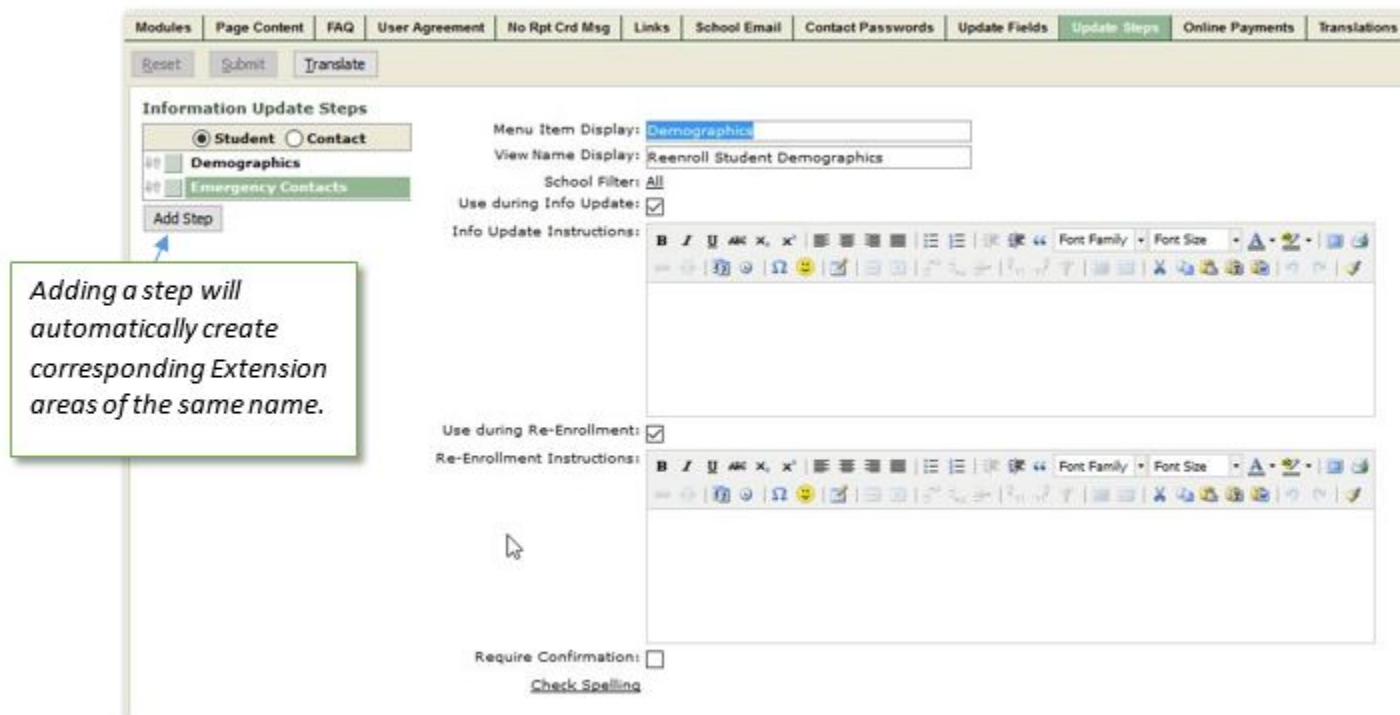


New Year Initialization

- Added support for Course Linking data when selecting to copy Master Schedule data.

ParentConnect Manager

- Implemented Update Steps tab to manage new multiple step re-enrollment process with separate extension areas, instructions, and confirmations. The Update Steps functionality includes the ability to translate the text and data for Information Update Steps.



- Added District preference to Modules tab to 'Allow Contact to Update Spouse'. If the preference is on, the application will treat as spouse a contact who is a parent of same student (per Contact Type) and lives in same household as the logged in contact.
- In Update Fields, new 'Text Available' field added for contact, student, and emergency contact phone information.
- Added capital letter and numeric character requirement to student portal password verification when using standard Q passwords.

Student Connect Manager

- Added capital letter and numeric character requirement to student portal password verification when using standard Q passwords.

Features & Functionality of Q Version 3.3.0

User Manager

- Added capital letter and numeric character requirement to password verification. This was added to the setup tab that appears when logged into the district and enforcement of the requirement was added to the password change tabs for staff, students and contacts when using Standard Authentication (and not AD or LDAP).
 - Corresponding changes were made to procedures used for automatic generation of random passwords through the interface.
 - Enforcement of capital letter and numeric character requirement for password verification on change of password has been added to related applications (Student Connect, Parent Connect, etc.)



| Category | Setting | Value |
|----------|---------------------------------|----------------------------------|
| Staff | District Uses | Standard Authentication |
| | Staff Use | Standard Authentication |
| | Passwords Must Be At Least | 8 Characters |
| | Passwords Must Contain At Least | 0 Non-Alphabetic Characters |
| | Passwords Must Contain At Least | 1 Capitalized Alphabetic Charact |
| Students | District Uses | Standard Authentication |
| | Students Use | Standard Authentication |
| | Passwords Must Be At Least | 8 Characters |
| | Passwords Must Contain At Least | 0 Non-Alphabetic Characters |
| | Passwords Must Contain At Least | 1 Capitalized Alphabetic Charact |
| Contacts | District Uses | Standard Authentication |
| | Encryption Type | Standard Encryption |
| | Passwords Must Be At Least | 8 Characters |
| | Passwords Must Contain At Least | 0 Non-Alphabetic Characters |
| | Passwords Must Contain At Least | 1 Capitalized Alphabetic Charact |

Year End

- Changed default settings in Step 1 options to MAINTAIN data (behavior, Attendance, Health, Health Visits) when no configuration set is selected.
- In Process graduates, added the ability to promote/retain students at promotion grade directly from this screen. Selecting one or more students and clicking the Promote or Retain button acts immediately to change the student's Retain flag setting (accessible in the Student Editor).
- In Process Graduates, added the ability to set track specific graduation and grad activity dates.
- Added check for Future Programs (with *Exit on Withdrawal* flag set in Program Editor) and not to close them if the student is continuing at the district.

Testing

Student Test History

- A new application to replace the legacy FrontOffice Test History application.

Student Test History Columbus Unified School Dist. - T cusd 16/17

| Picture | Student Name | Local ID | Programs | Gender | Birth Date | Age | Grade | Track | Status | Advisor | Counselor | Entry | Exit | Home Lang |
|---------------|-------------------|----------|----------------|--------|------------|-----|-------|--------------|--------|------------|-------------|-----------|----------|-----------|
| Not Available | Seung-hyo A Aaron | 0004707 | 181,191,504,S1 | Male | 4/21/1998 | 18 | 12 | T 103, T 301 | A | Unassigned | Aaron, Adam | 1/12/2017 | 8/3/2017 | |

Student Info Extension Fields

Previous District Attended: Cucamonga Elem School Dist
 Last School Attended:
 Foreign Exchange Student:
 First US Enrollment: 06/28/2016
 Are you a Veteran?:

| Date | Grade Level | Test | Subtest | Pass | Scores |
|------------|-------------|----------------------------------|--------------------------|------|---------------------|
| 09/03/2016 | 12 | Calif English Lang Development | CELDT Listening/Speaking | | Prof: A Scale: 710 |
| 09/03/2016 | 12 | Calif English Lang Development | CELDT Overall | | Prof: A Scale: 693 |
| 09/03/2016 | 12 | Calif English Lang Development | CELDT Reading | | Prof: A Scale: 650 |
| 09/03/2016 | 12 | Calif English Lang Development | CELDT Writing | | Prof: A Scale: 650 |
| 08/18/2016 | 12 | California High School Exit Exam | CAHSEE - Language Arts | ✓ | P/F: P |
| 08/18/2016 | 12 | California High School Exit Exam | CAHSEE - Mathematics | ✓ | P/F: P |
| 10/17/2015 | 12 | Proficiency Tests | Reading Proficiency | ✓ | P/F: P |
| 09/19/2015 | 12 | S.A.T. | Verbal | | Raw: 520 |
| 09/05/2015 | 11 | Calif English Lang Development | CELDT Listening/Speaking | | Prof: EA Scale: 557 |

Test Definition

- A new application to replace the legacy FrontOffice Test Definition application.
 - Application includes a Setup tab for configuration with its own permission item.
 - Maintenance tab provides filterable listing of tests defined with detail view of selected test.

Test Definition Columbus Unified School Dist. - T cusd 16/17

| Test | Subtest | School |
|----------------------------------|--------------------------|-----------------------|
| {all} | {all} | {all} |
| ACT | Mathematics | Clarkson's High Schor |
| ACT | Verbal | Clarkson's High Schor |
| ARI Reading Test | Reading | Columbus Unified Sch |
| CAASPP | CALA | Columbus Unified Sch |
| CAASPP | CAMA | Columbus Unified Sch |
| CAASPP | CMASC | Columbus Unified Sch |
| CAASPP | CSTSC | Columbus Unified Sch |
| CAASPP | PCAMA | Columbus Unified Sch |
| Calif English Lang Development | CELDT Listening | Columbus Unified Sch |
| Calif English Lang Development | CELDT Listening/Speaking | Columbus Unified Sch |
| Calif English Lang Development | CELDT Overall | Columbus Unified Sch |
| Calif English Lang Development | CELDT Reading | Columbus Unified Sch |
| Calif English Lang Development | CELDT Speaking | Columbus Unified Sch |
| Calif English Lang Development | CELDT Writing | Columbus Unified Sch |
| California High School Exit Exam | CAHSEE - Language Arts | Columbus Unified Sch |
| California High School Exit Exam | CAHSEE - Mathematics | Clarkson's High Schor |
| HS Physical Education Test | Pass/Fail | Clarkson's High Schor |
| P.S.A.T | Mathematics | Clarkson's High Schor |
| P.S.A.T | Verbal | Clarkson's High Schor |
| Proficiency Tests | Math Proficiency | Columbus Unified Sch |
| Proficiency Tests | Reading Proficiency | Columbus Unified Sch |

Details for Selected Record

Test: Proficiency Tests
 Subtest: Math Proficiency
 Level:
 Form:
 Norm Type: <Unset>
 Norm Time: <Unset>
 Norm Year: 13
 Language: English
 How Tested: <Unset>
 School: Columbus Unified School Dist.
 Test Grade Level:
 Test Score Values:

| Score Type | Min Value | Max Value |
|------------|-----------|-----------|
| Pass/Fail | | |

 Test Items:

| Item | Description | Item | Score Type | Min |
|------|-------------|-------------------|------------|-----|
| M1 | Math 1 | Proficiency Level | 1 | |
| M2 | Math 2 | Proficiency Level | 1 | |
| M3 | Math 3 | Proficiency Level | 1 | |

Test Definition Columbus Unified School Dist. -

| Code | Display Text | Long Text | External Code | Seq |
|--------|----------------------------------|-----------|---------------|-----|
| ACT | ACT | | | 2 |
| ARI | ARI Reading Test | | | 2 |
| CAASPP | CAASPP | | | 0 |
| CAHSEE | California High School Exit Exam | | | 8 |
| CELDT | Calif English Lang Development | | | 1 |
| PE | HS Physical Education Test | | | 3 |
| PROF | Proficiency Tests | | | 2 |
| PSAT | P.S.A.T. | | | 2 |
| SAT | S.A.T. | | | 1 |
| Stan9 | Stanford 9 Form T | | | 900 |
| Verbal | S.A.T. Verbal | | | 2 |
| ZNUG | ZNUG | | | 9 |

Features & Functionality of Q Version 3.3.0

Testing Reports

Missing Test

- A new report replacing legacy FrontOffice Missing Test report.

Test History

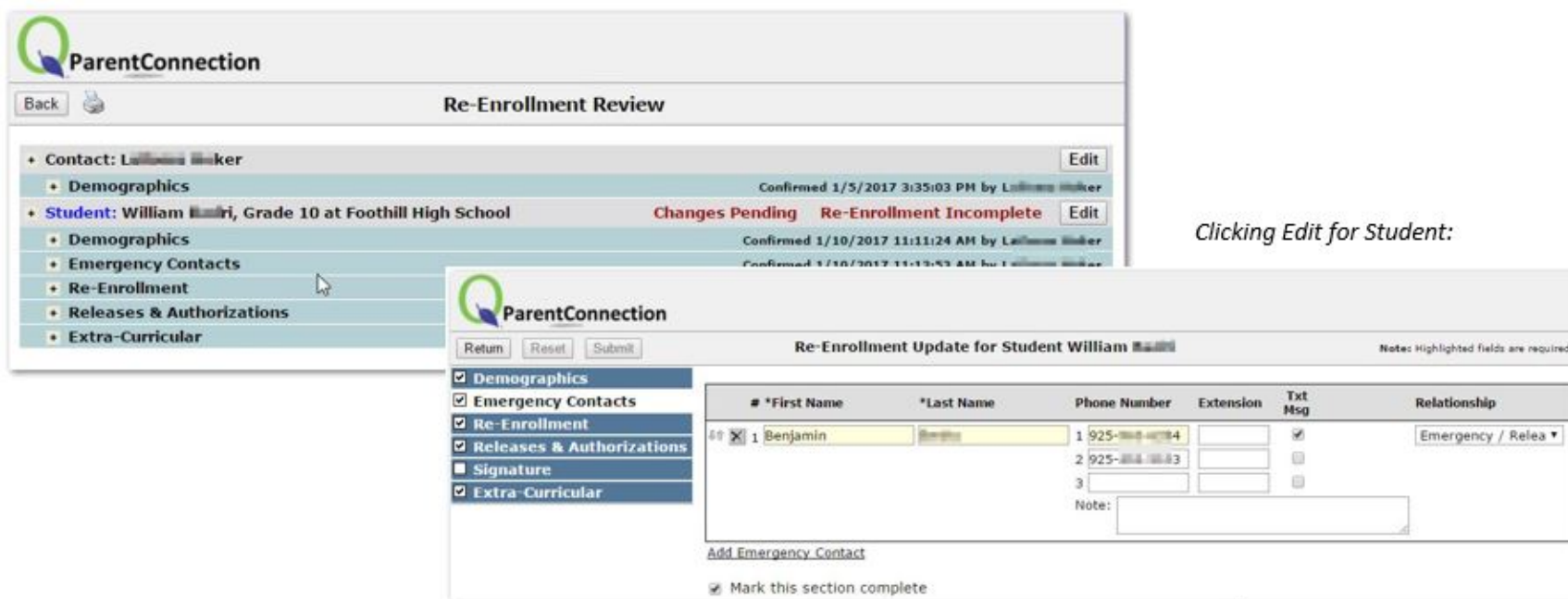
- A new report replacing the Front Office version of the Test History Report.

Testing Analysis

- Adjusted numerical fields to be treated as such in the Pivot results instead of as strings. Example Alert and Points fields can now easily be summed in detail result display.

Parent Connect

- Break the Information Update / Re-Enrollment Edit form into multiple steps.
 - Each step can:
 - Apply to Information Update or Re-Enrollment or both,
 - Can require confirmation with a configurable confirmation message,
 - Can have a separate extension definition,
 - Can have configurable instructions,
 - Will be submitted separately with the confirmation timestamp being saved for each.
 - The number and titles of the steps is configurable by district.
 - Each step can be filtered by school. The extension fields within them are filtered by grade.
 - Confirmation status of individual steps and overall confirmation completion status is shown Re-Enrollment Review form.



- Added enforcement of capital letter and numeric character requirement to password verification on change of password.
- Allow both parents to update each other's contact information. If the District preference 'Allow Contact to Update Spouse' is on (ParentConnect Manager), the application will treat as spouse a contact who is a parent of same student (per Contact Type) and lives in same household as the logged in contact.
- Added Text Message checkbox to Phone information for Contacts and Students.
- Changed assignment area to omit returning assignments that occurred outside of the student's schedule dates when it has not been graded.
- Implemented translation of labels and data sources when displaying translated extensions (see Extension Editor).

Student Connect

- Added support for two domains when using AD logins
- Added enforcement of capital letter and numeric character requirement to password verification on change of password when using standard Q passwords.

Features & Functionality of Q Version 3.3.0