PowerSchool SIS 19.4.2.0 Release Notes

PowerSchool Student Information System

Contents

Resolved Issues

Issue	Description
PowerSchool Admin - Assignment Grade and Percent	The Score page does not display assignment grade and percent when the assignment due date is the last day of the reporting term. This issue is now resolved.
PowerSchool Admin - Attendance	Using the Change Multiple Days function at a remote/summer school, does not change attendance records. This issue is now resolved.
PowerSchool Admin - AutoSend	Autosend that includes fields that have been remapped from Contact fields takes an unusally, long time to complete. The performance has been improved.
PowerSchool Admin - Contacts	When changing the sort order for contacts, the State/Province field content no longer appears. This issue is now resolved.
PowerSchool Admin - Course Registration	When previewing the Registration page, not all courses with teacher recommendations appear bold. This issue is now resolved.
PowerSchool Admin - Courses	Using the Change Course Number function does not result in the course number being updated in the Section table. The issue is now resolved.
PowerSchool Admin - Language Tool Kit	When using the Language Tool Kit to translate the Incident Details page, the attendance information is not translated. This issue is now resolved.
PowerSchool Admin - Minimum Number of Teaming Sections	When creating a course-team restraint in PowerScheduler, the Minimum Number of Teaming Sections field allows a value of 0 to be entered. This issue is now resolved. Validation has been added to prevent the entering of 0.
PowerSchool Admin - Mobile	When submitting district Mobile Registration, the Mobile District Code is not being generated. This issue is now resolved.
PowerSchool Admin - Mobile Pages	When viewing activities in PowerSchool Mobile Pages, the activities are not sorted in the expected order. This issue is now resolved.
PowerSchool Admin - PowerScheduler Master Schedule	When accessing the Master Schedule within PowerScheduler for a selection of teachers, the page does not load. This issue is now resolved.

Issue	Description
PowerSchool Admin - PowerScheduler Requests	When a student request has been added in PowerScheduler, the requests are listed on the page as additional requests, but they are not included in the credit hour count. This issue is now resolved.
PowerSchool Admin - Reports	As part of the PowerSchool SIS 19.4.1.0 the Tests DAT performance was improved. These changes introduced a regression where the incorrect score would show if the Student did not have the Test / Test Score defined as part of the Test DAT. This issue is now resolved.
PowerSchool Admin - Reports	When generating the Absentee Report which has a student who has since been transferred out of the school, the student would be excluded from the report. This issue is now resolved.
PowerSchool Admin - Searching	When using a two-digit year to search a date field for years 2020 and above the results are not accurate. This issue is now resolved.
PowerSchool Admin - Teacher Schedules	In certain situations when the full year term is selected, teacher schedules cannnot be viewed. This issue is now resolved.
PowerSchool Admin – Traditional Grade Calculations	Known Issue: When creating/editing Traditional Grade Calculation Formulas, if a school has reporting terms within the same term, which contain the same date ranges, but different Store Code values, calculations do not load. Workaround: None at this time.
PowerSchool Admin - Upgrade	After upgrading to PowerSchool version 12.1.1+, PowerSchool SIS starts up, but an error is returned in the psj-runtime logs due to a schema update failure. This issue is now resolved.
PowerSchool Admin - User Preferences	When an admin user sets their default page to the Enter Meeting Attendance page on the next signin, the page reverts to Quick Lookup page. This issue is now resolved.
PowerSchool Admin - Validation	When validating a postal zip code that contains duplicate cities where the capitalization is different, causes the the validation to fail. This issue is now resolved.
PowerTeacher - Attendance	When taking attendance with the seating chart with only one student in the class, an error occurs. This issue is now resolved.

Issue	Description
PowerTeacher Pro - Copy Settings to Other Schools	Under certain circumstances, the Copy Settings to Other Schools setting does not display all schools for the district and only display the first 99 schools. This issue is now resolved.
PowerTeacher Pro - Copy Traditional Grade Calculations	When using the Copy Traditional Grades Calculations function in PowerTeacher Pro to copy term weighting from one section to another, it intermittently fails to copy the correct weighting. This issue is now resolved.
PowerTeacher Pro - Custom Class Name	Editing a section causes the lead teacher's Custom Class Name to be removed. This issue is now resolved.
PowerTeacher Pro - Launch	In certain circumstances, when attempting to launch PowerTeacher Pro, a unique contstraint error occurs. This issue is now resolved.
PowerTeacher Pro - Grade Scales	Entering alpha or special codes grade scales using lower or camel case (e.g. camelCase) causes inconsistent behavior. This issue is now resolved. Alpha and special codes grade scales are now saved in uppercase.
PowerTeacher Pro - Standard Score	When entering a standard score from the student's Standards Progress page, the final standard score is updated. Once navigating away from the page and then back to it, the score no longer displays, but is still included in the overall standard final score. This issue is now resolved.

Installation Notes

The installer setup files for this release are available for download from **PowerSource**.

Upgrade Paths

The PowerSchool SIS server must be running Oracle 12.1.0.2.0.1353985 before upgrading to 19.4.2.0.

If you are upgrading from PowerSchool SIS 11.x–12.x:

- PowerSchool SIS 19.4.2.0 Application Installer

- Database Scripts Updater 12.1.0.2.0.1353985 (if not previously installed)

PowerSchool SIS System Requirements

If this is the first time you are installing PowerSchool SIS, review the *PowerSchool 19.x Hardware and Software Requirements* and the *Installation Guide for PowerSchool 19.x*, available on PowerSource,

before installing this version of PowerSchool SIS. The *Hardware and Software Requirements* are updated periodically and contain information on supported software and browser versions for a release. Review this document before installing updates to PowerSchool SIS.

General Requirement

PowerSchool requires that you enable Transport Layer Security (TLS)/Secure Sockets Layer (SSL) on your PowerSchool SIS server to ensure all data passed between your server and end users/PowerSchool Technical Support remains secure and private. For more information on implementing TLS/SSL, see Knowledgebase article 8476 available on PowerSource.

Security

The security of information pertaining to students, parents, and staff is one of our greatest concerns at PowerSchool. While we take every measure to ensure our solutions are secure, such as security vulnerability scanning, PowerSchool strongly recommends that all customers review the PowerSchool Security Best Practices document, available on PowerSource.

Upgrade Assistance

If customers hosting their own instance of PowerSchool SIS would like PowerSchool to perform the PowerSchool SIS upgrade on their behalf, contact the PowerSchool Technical Solutions Group at tsghelpdesk@powerschool.com for information concerning scope, cost, and availability of services.

Enterprise Management Service (EMS)

EMS clients that receive updates on demand can submit a PowerSchool SIS Software Update Service request on PowerSource here.

For more information about becoming an EMS client, please contact your account executive, email TSG at tsghelpdesk@powerschool.com, or click here.

PowerSchool Software as a Service

PowerSchool Software as a Service customers can manage the automatic upgrade to this and future versions of the application by following the instructions provided in Knowledgebase article 59719.

Keys to Ownership (KTOs)

For assistance with the new Contact features deployment, please consider PowerSchool's Keys to Ownership (KTOs) remote consulting. We assist with research, planning and deployment based on your unique requirements, compliance solution, and connected products. For more information, visit our KTO services page on PowerSource.

PowerSchool Customer Education

For current Professional Development Plus (PD+) subscribers, we have an extensive library of PD+ videos and self–paced, interactive PD+ courses available for viewing.

For more information about purchasing a PD+ subscription, please contact your account representative or email training@powerschool.com.

We also have several events on our Regional Calendar for PowerSchool SIS, PowerTeacher Pro, PowerTeacher Pro Certification, Enterprise Reporting, and much more. To register for these classes, please click here. To request an exclusive event, please email training@powerschool.com.

PowerSchool SIS Components

PowerSchool SIS is comprised of several software components, each versioned independently from one another. This allows for greater flexibility of component updates as new features and bug fixes become available. Some updates may include dependencies between components. These dependencies will be communicated and built in to the component update installers to prevent PowerSchool SIS from being configured incorrectly. The following table identifies the version number for each PowerSchool SIS component in this release compared to the previous release:

Component	Version Number	
	19.4.1.0	**19.4.2.0**
PowerSchool SIS Server	**19.4.1.0**	**19.4.2.0**
PowerTeacher Gradebook	2.8.0.14	2.8.0.14
ReportWorks	1.5.1.25	1.5.1.25
PowerScheduler	3.0.2	3.0.2
Oracle	12.1.0.2	12.1.0.2
State Reporting	19.6.1.0	19.6.2.2
Report SDK	1.21.0.0	1.21.0.0
Java	1.8u161	1.8u161

State and Provincial Reporting

PowerSchool SIS State/Provincial Reporting documentation is now available in one searchable online space, enabling you to quickly find the information you need. Your online space presents the documentation in a simple, easy–to–use format so that working with your documentation is

straightforward and convenient. The online documentation is available from the PowerSchool SIS **Help** menu.

Page and File Changes

The following is a list of web_root file changes. If you manage your own customized built–in PowerSchool SIS files, review the list for new, updated, and deleted files. If you use an image server and there were changes in the web_root/images or web_root/scripts directories, be sure to update these directories on your image server.

Note: This list now includes all files that changed under web_root. This change was made in response to requests from our customers.

Key:

+ = New page

Δ = Changed page

– = Removed page

+	web_root/scripts/components/shared/directives/index.js
+	web_root/scripts/components/shared/directives/pssUppercase.js
Δ	web_root/admin/customization/extendedschema.html
Δ	web_root/admin/customization/home.html
Δ	web_root/admin/district/gradingsetup/preferences/gradeSetupPreferencesCourse.html
Δ	web_root/admin/district/misc-district.html
Δ	web_root/admin/faculty/staffsecurityapplications.html
Δ	web_root/admin/groups/pageperms.html
Δ	web_root/admin/help/how_to/prm_01_password_rules.html
Δ	web_root/admin/help/how_to/sy_50_grade_scales.html
Δ	web_root/admin/incidents/incidentlog.html
Δ	web_root/admin/incidents/student_incident_detail.html
Δ	web_root/admin/marks/editscale.html
Δ	web_root/admin/mobile/studentactivities.html
Δ	web_root/admin/powerschedule/constraints/courseteamedit.html
Δ	web_root/admin/powerschedule/constraints/courseteamlist.html
Δ	web_root/admin/powerschedule/constraints/teacherteamedit.html
Δ	web_root/admin/reportqueue/currentjobs.html
Δ	web_root/admin/schoolsetup/gradingsetup/preferences/gradeSetupPreferencesSection.html
Δ	web_root/admin/teacherschedules/sched.html
Δ	web_root/ftl/admin/incident/edit-code.ftl
Δ	web_root/ftl/admin/incident/edit-subcode.ftl
Δ	web_root/ftl/admin/incident/list-codes.ftl
Δ	web_root/scripts/components/assignmentcategory/services/assignmentCategoryListService.js
Δ	web_root/scripts/components/contacts/controllers/contactAddressController.js
Δ	web_root/scripts/components/custompagemanagement/cpmModule.js
Δ	web_root/scripts/components/finalgradecalculationsettings/controllers/gradeSetupPreferencesCourseController.js
Δ	web_root/scripts/components/finalgradecalculationsettings/controllers/gradeSetupPreferencesSectionController.js
Δ	web_root/scripts/components/finalgradecalculationsettings/services/settingsListServiceCourse.js
Δ	web_root/scripts/components/gradecalculationformulas/services/formulaDrawerService.js
Δ	web_root/scripts/components/shared/index.js
Δ	web_root/scripts/components/studentScores/controllers/studentAssignmentScoresController.js
Δ	web_root/scripts/components/tt_shared/directives/pssClickLink.js

Δ	web_root/scripts/components/tt_shared/httpservices/schoolHttp.js
Δ	web_root/scripts/components/tt_shared/models/ReportingTerm.js
Δ	web_root/scripts/components/tt_shared/models/TermCollection.js
Δ	web_root/scripts/components/tt_shared/services/editStandardFinalGradeDrawerService.js
Δ	web_root/scripts/components/tt_shared/services/gradeScaleService.js
Δ	web_root/scripts/components/tt_shared/views/standards_dialog.html
Δ	web_root/scripts/components/tt_shared/views/studentStandards.html
Δ	web_root/scripts/course-prereqs/CourseRequests.css
Δ	web_root/scripts/datejswidgethandler.js
Δ	web_root/xte/Gruntfile.js
Δ	web_root/xte/package.json
Δ	web_root/xte/src/teacher_tools/components/main.js
Δ	web_root/xte/src/teacher_tools/components/shared/controllers/copyAssignmentScoresController.js
Δ	web_root/xte/src/teacher_tools/components/shared/directives/pssStudent.js
Δ	web_root/xte/src/teacher_tools/components/shared/directives/pssStudentStandardProgress.js
Δ	web_root/xte/src/teacher_tools/components/shared/services/assignmentService.js
Δ	web_root/xte/src/teacher_tools/components/shared/services/brokerService.js
Δ	web_root/xte/src/teacher_tools/components/shared/services/dialogs/editGradeCalculationDialogService.js
Δ	web_root/xte/src/teacher_tools/components/shared/services/termService.js
Δ	web_root/xte/src/teacher_tools/components/shared/views/classes/assignments/pss-assignment-section.html