

PowerSchool 11.0.2.0 Release Notes

PowerSchool
Student Information System

Released August 2017

Document Owner: Documentation Services

This edition applies to Release 11.0.2.0 of the PowerSchool software and to all subsequent releases and modifications until otherwise indicated in new editions or updates.

The data and names used to illustrate the reports and screen images may include names of individuals, companies, brands, and products. All of the data and names are fictitious; any similarities to actual names are entirely coincidental.

PowerSchool is a trademark, in the U.S. and/or other countries, of PowerSchool Group, LLC or its affiliate(s).

Copyright © 2005-2017 PowerSchool Group LLC and/or its affiliate(s). All rights reserved.

All trademarks are either owned or licensed by PowerSchool Group LLC and/or its affiliates.

Contents

New Features	4
Resolved Issues	4
Installation Notes.....	9
Upgrade Checkpoints for PowerTeacher Pro	9
Important Installation Reminders	9
Upgrade Paths.....	10
PowerSchool System Requirements	11
Security.....	12
Upgrade Assistance	12
PowerSchool Components.....	13
Known Issue	14
Page and File Changes.....	14

New Features

Issue	Description
PowerLunch: Reduced Direct Certification	A new lunch status code, Reduced Direct Certification (RDC), has been added to the Student Lunch screen. PowerLunch has been updated to treat RDC as Reduced (R). The list of valid lunch codes includes P, R, F, E, T, FDC, RDC.
Start of Week Enhancements	The Start of Week preference added in a previous release is now honored in a consistent manor.
Data Export Manager	Two new PowerQueries have been added: <ul style="list-style-type: none"> • Student: Test Scores Data • Student: Standard Grades Data

Resolved Issues

Issue	Description
Security Settings: Admin Access and Roles	An error sometimes occurs when accessing the Admin Access and Roles tab on the Security Settings page if a null value exists for the Group or AdminLDAPEnabled fields. This issue is now resolved.
Server Array: Custom Pages	In a server array, the Rebuild custom page links special operations does not update to all nodes after removing and adding a new plugin. This issue has been resolved.
PowerScheduler: Errors	In PowerScheduler, a Data Error "Undefined terms detected: In term portion #4, only filled 0 of 2 scheduling terms. Needs 4 more terms defined in this portion" is being returned in error when validating a build. This issue has been resolved.

Issue	Description
PowerTeacher Pro: Standards	In PowerTeacher Pro, a standard rollup grade is not generated when entering comments without a grade. This issue is resolved.
PowerTeacher Pro: Assignments	In PowerTeacher Pro, assignments cannot be modified after a student is dropped from a section. This issue has been resolved.
PowerTeacher: Multi-Day Attendance.	In PowerTeacher, multi-day attendance does not display dates as expected. If final grade setup contains reporting term bins that do not span the full term of the section, then dates outside the term bin will not be displayed. This issue has been resolved
Reporting: PowerScheduler	PowerScheduler report(s) run for all students even if you only have one student selected. This issue has been resolved.
Scheduling: Prerequisites	PowerSchool will become suspended in save mode when adding a large number of prerequisite rules to a single course. This issue has been resolved
Orphaned Person and Relationship Table Records	Recently a bug was resolved that resolved an issue where orphaned person records were being created when importing. There are currently orphaned records in the person table. Those records will be cleaned up. This issue is resolved.
PowerSchool Admin: Attendance Nightly Process	The Attendance Nightly Process is taking longer after upgrade to 10.1.x. This issue has been resolved.
PowerTeacher Pro: Final Grade/Score	The Final Grade/Score is Exempt is not being honored in PowerTeacher Pro. This issue is now resolved.
PowerSchool Admin: Graduation Progress Summary Report	The Graduation Progress Summary Report is missing the blue status bar for waiver credits. This issue has been resolved.
Reporting: PowerScheduler	The Non-scheduled Course Requests Report in certain conditions runs

Issue	Description
	indefinitely for one school. This issue has been resolved.
PowerSchool Admin: List Staff Members	The PowerSchool List Staff Members function does not display all DOB/Gender data from UsersCoreFields. This issue has been determined to have been resolved by a previous release.
Summer School Enrollment	When a Summer School Enrollment is created a SIF/API event was not created. This issue has been resolved.
Scheduling: Student Recommendations	When accessing Student Recommendations in PowerTeacher, a user may receive an invalid course number(s) error message when modifying student recommendations. This issue is now resolved.
Reporting: Enterprise Reporting	When an Enterprise Report page id has a value greater than 2,147,483,647 Enterprise Reports may not load. This issue has been resolved.
PowerSchool Admin: Term Setup	When creating years and terms, if you click the breadcrumb from Edit Term page, you will receive a message "No terms were found in the specified year." This issue has been resolved.
PowerSchool Admin: Enroll Students	When enrolling pre-registered students, students sometimes get an incorrect FTE. This issue has been resolved.
Lunch: Entering Lunch ID	When entering a lunch ID that is greater than 2,147,483,647, a HTTP Status 500 Error: java.lang.NumberFormatException is triggered. This issue is now resolved.
PowerTeacher: Attendance	When entering attendance in PowerTeacher when the meeting attendance preference is not checked, a HTTP Status 500 error is produced. This issue has been resolved.
PowerSchool Admin: Export	When exporting data using a template, it is taking a very long time. This issue

Issue	Description
	has been resolved.
PowerTeacher Gradebook: Launch	When launching PowerTeacher Gradebook, the following error may occur "Error: java.lang.OutOfMemoryError: Java heap space". This issue has been resolved.
PowerSchool Admin: Attendance	When making attendance changes, they will not save when using Student Screens group function page. This issue has been resolved.
Performance Issue	When one of more Virtual Tables are migrated to Database Extensions CPU spikes occur every 2 minutes. This issue has been resolved.
PowerSchool Admin: Permanently Store Grades	When permanently storing grades, the Exclude functions do not include correct enrollment records if the student drops a section and re-enrolls in the same section. This issue has been resolved.
Reporting: At Risk Report	When running the At Risk Report, it can take a long time to complete. Performance has been improved. This issue is now resolved.
APEX Email	When the PowerSchool database is moved from one server to another APEX Email may not send when configured to use SSL. This issue has been resolved.
PowerSchool Admin: Error 500	When updating the SFTP Managed Connection's HostKeyType, an Error 500 ORA-00001: unique constraint (PS.PLUGINKNOWNHOST_U1) violated is triggered. This issue has been resolved.
Page and Data Management: Data Validation Rules	When using Data Validation Rules, they are not working with all student fields when enrolling new students. This issue has been resolved.
PowerScheduler: Course Request Tally	When using PowerScheduler, the Course Request Tally will return no results when run for more than 1000 students. This issue has been resolved.

Issue	Description
PowerTeacher Gradebook: Smart Text	When using PowerTeacher Gradebook comments and including smart text, the Incorrect Smart Tag Syntax will prevent Gradebook launch. This issue has been resolved.
PowerTeacher Gradebook: Comments	When using PowerTeacher Gradebook, you may receive a System Error when making a change to a comment on several different students and then saving. This issue has been resolved.
PowerTeacher Pro: Traditional Grade Calculations	When using PowerTeacher Pro and making changes to traditional grade calculations, you will be unable to change the type if isincomplete or isexempt is null. This issue has been resolved.
PowerScheduler: Auto Generate Course Information Function	When using the Auto Generate Course Information function in PowerScheduler, default values were set for specific fields and replaced previously modified values. Users now have the option to set the default or retain the existing value. This issue is now resolved.
PowerSchool Admin: Class Roster	When using the Class Roster from the master schedule to select students, it is not clearing student selection when Detailed View transitions from on to off. This issue has been resolved.
Health: Office Visits and Screenings	When viewing office visits or screening for past or transferred students the Eye icon to view the record was missing. This issue has been resolved.
PowerScheduler: Course Rank	When working in PowerScheduler and running the Course Rank list, it will show constraints from previous years. This issue has been resolved.
PowerSchool Admin: Virtual Table Migration	When your state is Migrating from virtual tables it can cause the CPU utilization to increase after installing that update. This issue has been resolved.

Installation Notes

You must be running PowerSchool 9.x or greater to upgrade to PowerSchool 11.0.2.0. The installer setup files for this release are available for download from [PowerSource](#).

Upgrade Checkpoints for PowerTeacher Pro

If you are upgrading from PowerSchool 9.x, or you have not yet implemented PowerTeacher Pro, there is a method for you to migrate existing assignments created in PowerTeacher Gradebook (PTG). There are a few key things to check before your teachers migrate to PowerTeacher Pro.

Prior to upgrading to PowerSchool 11.0.2.0:

- Verify that all current conversion scales are correct and valid. Any invalid conversion scales will not migrate to grade scales in PowerTeacher Pro. Verify the conversion scales after upgrading as well.

After upgrading to PowerSchool 11.0.2.0:

- Verify that all grades in your grade scales are set up correctly. To validate, submit the existing grade scale and clean up any validation errors.
- Check System > System Logs > Schema Updates for GradeScaleItemRemoveInvalidScales. Create a new grade scale to match any conversion scale that was not automatically migrated and link the new grade scale to any affected standard.
- Verify PowerTeacher Pro settings in the District > PowerTeacher Pro area of PowerSchool.
- Verify that report cards work correctly. **Note:** ReportWorks will not display standards grades information from PowerTeacher Pro. To display standards grades data entered via PowerTeacher Pro, we recommend using the standards object in object reports.

For complete information on the migration from PowerTeacher Gradebook to PowerTeacher Pro, see the *PowerTeacher Pro Migration Guide*, available on PowerSource.

Important Installation Reminders

- The database must be in an idle state for the install to successfully apply. Shut down PowerSchool services and ensure that no other connections can connect the database during installation.

- **IF YOU ARE PERFORMING AN UPGRADE FROM A PREVIOUS FEATURE RELEASE** - (for example, from 9.x) the time to complete the upgrade can be substantial, depending on the version you are upgrading from, and the size of your database. PowerSchool recommends you schedule your upgrade during a time that will have the least impact to PowerSchool users.

Upgrade Paths

Upgrade to this version requires a restart of PowerSchool after initial startup on 11.0.2.0.

If you are upgrading from PowerSchool 11.x:

- PowerSchool 11.0.2.0 Application Installer

If you are upgrading from PowerSchool 10.1.x:

- PowerSchool 11.0.2.0 Application Installer

If you are upgrading from PowerSchool 10.0.x:

- PowerSchool 11.0.2.0 Application Installer
- Database Scripts Updater 12.1.0.2 (**Support > Downloads > PowerSchool Database > PowerSchool Database 12.1.0.2 for use with PowerSchool 10.x.**)

If you are upgrading from PowerSchool 9.2.x:

- PowerSchool 11.0.2.0 Application Installer
- Database Scripts Updater 12.1.0.2 (**Support > Downloads > PowerSchool Database > PowerSchool Database 12.1.0.2 for use with PowerSchool 10.x.**)

If you are upgrading from PowerSchool 9.0.x through 9.1.x:

- PowerSchool 9.2.3.0 Application Installer
- Database Scripts Updater 12.1.0.2.0.1106224 + APEX (**Support > Downloads > PowerSchool Database > PowerSchool Database 12.1.0.2 for use with PowerSchool 9.2.x.**)

Note: Start PowerSchool 9.2.3.0 on the server node, then quit PowerSchool, then proceed with the 11.x upgrade:

- PowerSchool 11.0.2.0 Application Installer
- Database Scripts Updater 12.1.0.2 (**Support > Downloads > PowerSchool Database > PowerSchool Database 12.1.0.2 for use with PowerSchool 10.x.**)

If you are performing a new installation, you will need:

- PowerSchool 11.0.2.0 Application Installer
- PowerSchool Database 12.1.0.2 Installer (**Support > Downloads > PowerSchool Database > PowerSchool Database 12.1.0.2 for use with PowerSchool 10.x**)

Note: If Schools Interoperability Framework (SIF) is enabled on your system, an update to the latest SIF adapter is required. Consult the latest SIF documentation for information on updating to the latest SIF version.

The State Reporting Installers are available at **Support > Downloads > PowerSchool > State Reporting Installers.**

PowerSchool System Requirements

If this is the first time you are installing PowerSchool, review the *PowerSchool 11.x Hardware and Software Requirements* and the *Installation Guide for PowerSchool 11.x*, available on PowerSource, before installing this version of PowerSchool.

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.

General Recommendation

PowerSchool strongly recommends that you make sure Transport Layer Security (TLS)/Secure Sockets Layer (SSL) is enabled on your PowerSchool server to ensure all data passed between your server and end users/PowerSchool Technical Support remains secure and private. If TLS/SSL is not enabled, data moving between your server and end users is unencrypted. 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 would like PowerSchool to perform the PowerSchool 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 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](#).

PowerSchool Customer Education

For current Professional Development Plus (PD+) subscribers, we have an extensive library of Mastery in Minutes tutorials and self-paced Distance Learning courses available for viewing. We also have PD+ webinars, which you can access free of charge with your subscription.

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 Components

PowerSchool 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 from being configured incorrectly.

The following table identifies the version number for each PowerSchool component in this release compared to the previous release:

Component	Version Number	
	11.0.1.0	11.0.2.0
PowerSchool Server	11.0.1.0	11.0.2.0
PowerTeacher Gradebook	2.8.0.9	2.8.0.9
ReportWorks	1.5.1.20	1.5.1.20
PowerScheduler	3.0.2	3.0.2
Oracle	12.1.0.2	12.1.0.2
State Reporting	17.6.2	17.7.2
Report SDK	1.21.0.0	1.21.0.0
Java	1.8u101	1.8u101

Known Issue

- When changing the citizenship grade in PowerTeacher Pro using the score inspector, after saving the inspector and Citizenship are out of sync.

Workaround: Refresh the page.

Note: This issue will be resolved in a future release.

Page and File Changes

The following is a list of web_root file changes. If you manage your own customized built-in PowerSchool 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/ftl/admin/incident/warning_confirm_panel.ftl
Δ	web_root/admin/attendance/preferences/home.html
Δ	web_root/admin/help/how_to/att_04_att_preferences.html
Δ	web_root/admin/help/how_to/sc_21e_request_entry.html
Δ	web_root/admin/help/how_to/sc_69_manually_adjust.html
Δ	web_root/admin/help/how_to/sc_69a_other_functions.html
Δ	web_root/admin/help/how_to/sy_58_misc_sys_admin.html
Δ	web_root/admin/powerschedule/reports/schedulepercentsbystudent.html
Δ	web_root/admin/powerschedule/tools/autofillcourse.html
Δ	web_root/admin/pw.html
Δ	web_root/admin/schoolsetup/misc.html
Δ	web_root/admin/studentlist/GraduationPlanner/GradPlanSummary.html

Δ	web_root/admin/students/newenrollment.html
Δ	web_root/admin/students/newstudent.html
Δ	web_root/admin/students/reenroll.html
Δ	web_root/admin/years/editterm.html
Δ	web_root/admin/years/termgrid.html
Δ	web_root/ftl/admin/academicplanner/studentlist/StudentsProgressSummaryContents.ftl
Δ	web_root/ftl/admin/incident/edit.ftl
Δ	web_root/ftl/admin/security/useraccess/viewAssociations.ftl
Δ	web_root/ftl/teachers/attendance-grid.ftl
Δ	web_root/images/css/less/yui-overrides.less
Δ	web_root/scripts/attendance-grid.js
Δ	web_root/scripts/classroster_common.js
Δ	web_root/scripts/components/widgets/psPickerWidget/directives/psPickerWidget.js
Δ	web_root/scripts/course-prereqs/RulesBuilder.js
Δ	web_root/scripts/incident.js
Δ	web_root/scripts/incident_log.js
Δ	web_root/scripts/incident_popup.js
Δ	web_root/scripts/incident_validation.js
Δ	web_root/sonar-project.properties
Δ	web_root/teachers/pw.html
Δ	web_root/wildcards/att_MeetingEntryCounselor.txt
Δ	web_root/wildcards/att_quicklookupprogram.txt
Δ	web_root/wildcards/FMLY_EnrollData.txt
Δ	web_root/xte/src/teacher_tools/components/shared/controllers/finalGradeController.js
Δ	web_root/xte/src/teacher_tools/components/shared/httplibservices/haiku/lmsAccessTokenHttp.js
-	web_root/admin/security/unifiedclassroom.html