



Version 1.12 and 1.12.1

Release Notes

PCS Updates

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PCS Updates: v1.12 and 1.12.1

American Innovations (AI) is committed to continuously improving our PCS software through feature enhancements and upgrades. The updates included in the 1.12 and 1.12.1 release of PCS are described below. For questions or additional information, contact PCS Technical Services at pcstechservices@aiworldwide.com.

Upgrade Actions

Email notifications and license management have undergone significant improvements in version 1.12 that may require additional actions before, during, and after upgrading PCS. If your company has email notifications set up, we recommend that you contact PCS Technical Services at 1-800-229-3404 prior to upgrading to ensure a smooth upgrade.

For details about changes to Email Notifications and license management, refer to *Email Notification* (page 2) and *PCS License Management* (page 3).

Get a New Product Key

When upgrading PCS from a version prior to 1.12, you will need to obtain a new product key. To get a new product key, purchase additional licenses, or change your licenses to the new concurrent or single seat modes, contact PCS Technical Services at pcstechservices@aiworldwide.com.

IMPORTANT: All PCS computers with version 1.12 or later must have access to our Flexera license server.

Conform to Email Report Name Requirements

When upgrading from versions of PCS prior to 1.12, a copy of the reports used in prior email notifications is made and given a unique name. To accommodate this, the reports used in prior email notifications must have names no longer than 42 characters. Review and update your report names manually or contact PCS Technical Services for a script that will identify all reports that have names longer than 42 characters and shorten the report names.

Prepare for Incremental Email Notification's First Report

If you have Email Notifications set up with the *Incremental* mode set, the first report will be created as if it is the first time the report was run. This means that all unchanged, changed, and inserted data will be included in the report.

It is recommended that you reset the report's last run date after upgrading from PCS 1.11.1 and earlier to avoid creating a full report.

Version 1.12 Updates

System Requirements

PCS has been updated to support Windows 10, SQL Server 2014, Microsoft .NET 4.6.1, and Citrix XenDesktop Enterprise Edition 7.11. With this update, publication and subscription setups are only available with SQL Server 2014. Refer to the *Installation* or *Upgrade* documents for detailed System Requirements.

Email Notification

Email Notification was updated to improve email report management and delivery. The following features were introduced or upgraded:

- **Changes to Report Modes** — Two new report modes were added to email notifications and changes were made to the Incremental mode. The following modes are now available:
 - *Full* — sends reports that include all unchanged, new, and updated data in the emailed report. This report mode has not changed.
 - *Incremental* — sends reports that include data that changed since the last time the report ran as a result of changes to intelligent key data. This mode is best suited for scheduling reports.

Prior to 1.12, the Incremental report mode compared data related to an intelligent key the user has seen in previous reports to the current set of intelligent key data and reported on any differences. With the 1.12 improvements, data related to an intelligent key previously sent for *the report* is compared to the current set of intelligent key data and reports on the differences.
 - *Data Changed Since Last Run* — sends reports that include the data that has changed since the last time the report was run.
 - *Data Inserted Since Last Run* — sends reports that include only the data that has been added to PCS since the last time the report was run.

Incremental mode should be used to report new and updated data in scheduling reports. For other reports, *Data Changed Since Last Run* and *Data Inserted Since Last Run* have better performance.

- **On Demand Notifications** — Email notifications now can be sent manually without modifying an existing schedule.
- **Report Reset** — You can now reset a report's last run time to baseline the data in a report. The data included in the next run of the report would include the data changed between the next run time and the time the reset button was pressed.
- **Separation of Reports** — The reports created for an email notification are no longer tied to reports created from the *Reports/Graphs* menu. Changes to a report in an email notification do not impact the original report it was based on.

When upgrading from versions of PCS prior to 1.12, a copy of the reports used in prior email notifications is made to accommodate this new feature.

- **Report Previews** — You can now verify the ROWs that are included in an email report are the correct ROWs for a recipient prior to sending the email notification.
- **Test Emails** — An option is now available to test the email settings, allowing you to verify that email notifications are able to be sent successfully before email notifications are created.
- **Report Generation Speed** — By creating one report when identical hierarchy and ROW selections exist and sharing the report among recipients, emails generate faster and free the Job Service for other tasks.

PCS License Management

PCS has modified its license management to allow for both single seat and concurrent licenses. Single seat licenses allow for a specified number of users to have dedicated use of PCS. Concurrent licenses allow for any number of users to use PCS, but only a specified number of those users can use PCS at the same time.

IMPORTANT: When upgrading PCS from a version prior to 1.12, you will need to obtain a new product key. To get a new product key or purchase additional licenses, contact PCS Technical Services at pcstechservices@aiworldwide.com.

All PCS computers with version 1.12 or later must have access to our license server.

Additional Logging for the Bridge Log

With an added log to track *Bridge* rejections and warnings, it's now easier to monitor *Bridge* success and failures.

Improved Performance and Miscellaneous Updates

Several updates were made in PCS to improve performance and reliability, including:

- **Data Entry Grid** — Various improvements and updates have been made to increase the speed and overall performance of the *Grid*.
- **Low Bandwidth Connections** — By virtualizing your PCS experience with our support of PCS in a Citrix XenDesktop, you can now work in low bandwidth connections.
- **Field Computer Send** — Field Computer Send prompts can now define whether the facility type is visible on the Allegro - providing control of valuable real estate on a small screen. Additional updates have improved the reliability of the status messages, logs, and other *Field Computer* functions.
- **Bridge Preview** — Files are no longer renamed for rejected Bridge Previews.
- **Leak Survey** — The customer telephone number field now supports up to 20 characters.
- **Scheduling** — Fields dependent on the *Time Between Surveys* field now have the same override behavior in the *Hierarchy Level Override* tab as in the *Schedule Type Settings* tab.
- **Data Modification Utility** — The *Data Modification Utility* now ensures that when subfacilities of multi-linked rectifiers are moved, the facilities are not duplicated.

Version 1.12.1 Updates

Known Issues

Reports that are formatted to use Landscape mode and sent via Email Notification will not format correctly when the job service is installed on a machine with Windows Server 2012 R2. Reports will format correctly when sent from a Windows Server 2008 R2 job service machine.

Fixed Issues

The following issues were discovered in 1.12 and were immediately fixed in 1.12.1:

- **Survey Folder Maintenance** — an extra day was added to the End Date for all survey frequencies.
- **Bridge Export** — the wrong number of records was exported in an incremental Bridge export.
- **Telluric Graphs** — selecting a point on the Chart Exclusions graph would no longer scroll to the associated record in the lower grid.
- **User Interface** — when using a Windows 7 computer the Windows title bar was shortened, resulting in a missing close button.
- **Scrolling in the Grid** — when scrolling in a data grid there was a slight lag for those using Remote Desktop Connection to access PCS over a low bandwidth connection.
- **Email Notification** — the *Email Reports Detail* log was showing the date and time of the first time the report was run rather than the actual run time of the selected email notification.
- **Field Computer** — facilities were sent to the Allegro in the wrong sort order when selecting an exported list for the based on mode in *Field Computer Send*.

Product Support and Training

PCS Technical Services is available to provide assistance with PCS, accept feedback about PCS, or discuss your organization's training needs. Use the following information to contact PCS Technical Services:

Support Email: pcstechservices@aiworldwide.com

Support Telephone: 1-800-229-3404

American Innovations: <http://www.aiworldwide.com>