

Spectrum™ Technology Platform

Version 2018.2 S27

Release Notes

This document contains information about Spectrum™ Technology Platform 2018.2 S27. You have access only to the modules you have licensed. To evaluate any other modules, contact your Pitney Bowes account executive for a trial license key.

Who should apply this update? This product update is for users of the Spectrum™ Technology Platform 2018.2 Location Intelligence Module.

Is this update required? Yes

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Fixed Issues

This release contains the following Location Intelligence Module (LIM) fixes:

- (MID-47356) Rendering BMP (Bitmap) raster data results in misplaced tiles (at raster edges). BMP raster images now tile correctly.
- (MID-47694) Performance using SHP files is slow due to a failure to create a spatial index.
- (MID-47948) A count aggregation query on an Oracle native query table has poor performance with large tables.
- (MID-47949) Spatial Manager does not have a volatile setting when creating tables with a Database query. It now has a Volatile flag that can be set to true or false, and the default value is set to true.
- (MID-47964) The feature count request made when viewing sample rows in Spatial Manager is slow for large tables. This performance issue has been resolved.
- (MID-48265) A "maximum open cursors exceeded" message displays when querying a database. This has been fixed so that queries do not leave a database cursor open (unclosed) when working with a database query table. This is a named table that contains a database-specific query rather than a reference to an existing database table or database view.

Installation

To install this product update you must have Spectrum™ Technology Platform release 2018.2 installed.

Important: Before you install this product update, be sure that you have installed all previously released product updates for your modules and the platform. Unexpected issues may occur if you do not install product updates in the proper order. For a listing of product updates for each module and the platform, see the [Product Update Summary](#) on support.pb.com/spectrum.

Applying This Product Update to a Cluster

To apply this product update to a cluster, install the product update to each node by following the instructions in these release notes. You can apply the product update to one node at a time without stopping all the nodes in the cluster.

Installing on Unix or Linux

Note: In this procedure, *SpectrumDirectory* refers to the directory where you have installed the Spectrum™ Technology Platform server.

1. Ensure that all Spectrum applications are closed.
2. Stop the Spectrum™ Technology Platform server.
 - Source the `SpectrumDirectory/server/bin/setup` script.
 - Run the `SpectrumDirectory/server/bin/server.stop` script to stop the Spectrum™ Technology Platform server.
3. Back up these directories to a different location:
 - `SpectrumDirectory/server/app/deploy`
 - `SpectrumDirectory/server/app/types`
 - `SpectrumDirectory/server/modules/routing/lib`
 - `SpectrumDirectory/server/modules/spatial/lib`
4. Use the link in the product update announcement to download the *.zip file containing the product update from Pitney Bowes to a temporary directory.
5. Extract the *.zip file to the folder where you installed the Spectrum™ Technology Platform.
6. Change to the directory where Spectrum™ Technology Platform is installed, and untar the file using this command:


```
tar -xvf TemporaryDirectory/cdq20182s27.tar
```
7. Run the `SpectrumDirectory/server/bin/server.start` script to start the Spectrum™ Technology Platform server.

The amount of time it takes to restart the Spectrum™ Technology Platform server will depend on your installation.

Installing on Windows

Note: In this procedure, *SpectrumFolder* refers to the folder where you have installed the Spectrum™ Technology Platform server.

1. Ensure that all Spectrum applications are closed.
2. Stop the Spectrum™ Technology Platform server.
 - To stop the server, right-click the Spectrum™ Technology Platform icon in the Windows system tray and select **Stop Spectrum™**.
 - Alternatively, you can use the Windows Services control panel and stop the **Pitney Bowes Spectrum™ Technology Platform** service.
3. Back up these folders to a different location:
 - `SpectrumFolder\server\app\deploy`
 - `SpectrumFolder\server\app\types`
 - `SpectrumFolder\server\modules\routing\lib`

- *SpectrumFolder*\server\modules\spatial\lib
4. Use the link in the product update announcement to download the *.zip file containing the product update from Pitney Bowes to a temporary folder.
 5. Extract the resulting zip file (cdq20182s27.zip) to the *SpectrumFolder* where you installed Spectrum. For example, the default location is C:\Program Files\Pitney Bowes\Spectrum.
Choose to overwrite the existing files.
 6. Start the Spectrum™ Technology Platform server.
 - To start the server, right-click the Spectrum™ Technology Platform icon in the Windows system tray and select **Start Spectrum™**.
 - Alternatively, you can use the Windows Services control panel to start the **Pitney Bowes Spectrum™ Technology Platform** service.

The amount of time it takes to restart the Spectrum™ Technology Platform server will depend on your installation.



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