

Spectrum™ Technology Platform

Version 2018.2 S22

Release Notes

This document contains information about Spectrum™ Technology Platform 2018.2 S22. 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 and Enterprise Routing Module.

Is this update required?	Yes
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Fixed Issues

This release contains the following Enterprise Routing Module (ERM) fixes:

- (ROUT-6539) Enterprise Routing Module stages were reading numeric data in text box fields in the wrong format because comma decimal points (“,”) used in some countries were not handled in a locale-independent way.

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

- (MID-47269) In Internet Explorer 11, options on the Spatial Manager Settings tab were grayed out and unavailable. The Apply button, Restart button, and the Propagate checkbox are now enabled.
- (MID-46951) The geodetic coordinate system for Japan (JGD2000) was not accurately represented.
- (MID-46855) Using MI_GridValueAt and MI_GridValueAtPixel to query the value stored in a classified field generated an error. These Grid functions were returning the class name by doing an additional lookup in the classified table structure, and an error would result when the classified table structure did not have a “Class” field type. They now return the class index itself when the band stores class index. A second MI_GridValueAt and MI_GridValueAtPixel function can be used to specify the band containing the class label to get the class name.
- (MID-46566) When a MI_GridValueAt function was used to query a grid table and field=0 and band=0 was specified, the result was returning the data from the field and band present in the GHX file instead of field 0 and band 0.
- (MID-45534) The MappingService was re-initializing when the mapping configuration in the repository cache was refreshed. This could affect performance when loading many resources to the repository cache.
- (MID-46506) Spatial Manager was not reverting back to English or the default language selected in the Management Console when the browser was set to an unsupported language. It was showing internal variable names for the text. It now works as expected.

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/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/cdq20182s22.tar
```
7. On any machines that have Enterprise Designer installed, delete *WindowsTemporaryDirectory\glAssemblies*, where *WindowsTemporaryDirectory* is one of the following: %TMP%, %TEMP%, %USERPROFILE%, or the Windows directory. Typically the path is:

```
C:\Users\UserName\AppData\Local\Temp\glAssemblies
```
8. 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\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 (*cdq20182S22.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. On any machines that have Enterprise Designer installed, delete *WindowsTemporaryDirectory\glAssemblies*, where *WindowsTemporaryDirectory* is one of the following: %TMP%, %TEMP%, %USERPROFILE%, or the Windows directory. Typically the path is:

C:\Users\UserName\AppData\Local\Temp\glAssemblies
7. 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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