



# Spectrum Technology Platform

Version 2022.1.0 S05

## Release Notes

This document contains information about Spectrum Technology Platform 2022.1.0 patch S05. You have access only to the modules you have licensed. To evaluate any other modules, contact your Precisely account executive for a trial license key.

**Who should apply this update?**

This product update is for users of the Spectrum Global Geocode Module of Spectrum Technology Platform 2022.1.

**Important:**

- It is a prerequisite that Patch 2022.1 S03 is installed prior to applying this patch.
- This patch is intended for users if 2022.1.0 S05 patch under Spectrum Spatial is not applied earlier and Spatial and Routing (LIM) module is not installed along Spectrum 22.1.

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**Is this update required?** This product update is mandatory.

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## Fixed Issues

- **SSS-18839, SSS-18812:** This patch improves security vulnerabilities for Spectrum Global Geocoding Module 2022.1.0.

## Installation

To install this product update, you must have installed Spectrum Technology Platform 2022.1.0.

**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.

### *Applying This Product Update to a Cluster*

To apply this product update to a cluster you must stop all the nodes in the cluster then install the product update to each node by following the instructions in these release notes. You can start up each node after you update it.

**Warning:** You must shut down the cluster before installing this patch. Failure to do so may result in data loss and your system may become unusable

## Installing on Windows

**Note:** In this procedure, *SpectrumDirectory* is the directory where you have installed the Spectrum Technology Platform server (for example, C:\Program Files\Precisely\SpectrumDirectory).

1. Stop the Spectrum Technology Platform server.

To stop the server, right-click the Spectrum Technology Platform icon in the Windows system tray and click **Stop Server**.

Alternatively, you can use the Windows Services control panel and stop the Spectrum Technology Platform service.

2. Back up the below folders to a different location:

*SpectrumDirectory\server\types*

3. Delete following Spectrum Technology Platform server files affected by the patch, present at location: *SpectrumDirectory\server\types*
  - *jackson-datatype-json-org-2.11.2.jar*
  - *jackson-jaxrs-base-2.11.2.jar*
  - *jackson-jaxrs-json-provider-2.11.2.jar*
  - *jackson-module-jaxb-annotations-2.11.2.jar*
  - *json-20090211.jar*
  - *li-sdk-common-1.15.0.jar*
  - *li-sdk-coordsys-core-1.15.0.jar*
  - *li-sdk-coordsys-irishtm-1.15.0.jar*
  - *li-sdk-coordsys-jgd2000-1.15.0.jar*
  - *li-sdk-coordsys-nadcon-1.15.0.jar*
  - *li-sdk-coordsys-ntv2-1.15.0.jar*
  - *li-sdk-coordsys-rgf93-1.15.0.jar*
  - *li-sdk-geometry-1.15.0.jar*
  - *li-sdk-persistence-json-common-1.15.0.jar*
  - *li-sdk-persistence-json-feature-1.15.0.jar*
  - *li-sdk-persistence-json-geometry-1.15.0.jar*
  - *li-sdk-persistence-json-style-1.15.0.jar*
  - *li-sdk-style-1.15.0.jar*
  - *li-sdk-unit-1.15.0.jar*
4. Delete *WindowsTemporaryDirectory\glAssemblies* from machines that have Management Console, Enterprise Designer, or Interactive Driver installed, 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*
5. Use the link in the release announcement to download the ZIP file containing the product update. You can also find links to software, release notes, and checksum values on the [2022.1.0 Updates](#) page.
6. Extract the contents of the resulting ZIP file (*cdq20221s05\_Windows.zip*) to a temporary location.  
Choose to overwrite/add/copy All (19) files from the patch location: (*temporary location\server\types*) to *SpectrumDirectory\server\types*
7. Start the Spectrum Technology Platform server.  
To start the server, right-click the Spectrum Technology Platform icon in the Windows system tray and click **Start Server**. Alternatively, you can use the Windows Services control panel to start the Spectrum Technology Platform service.

## Installing on Linux

**Note:** In this procedure, *SpectrumDirectory* is the directory where you have installed the Spectrum Technology Platform server (for example, `/home/user/myuser/SpectrumDirectory`).

1. Source the `SpectrumDirectory/server/bin/setup` script.
2. Run the `SpectrumDirectory/server/bin/server.stop` script to stop the Spectrum Technology Platform server.
3. Use the link in the release announcement to download the ZIP file `cdq20221s05_Linux.zip` containing the product update

You can also find links to software and release notes on the [2022.1.0 Updates](#) page.

4. FTP the `cdq20221s05.tar` file in binary mode to a temporary directory on the Spectrum Technology Platform machine.
5. Change directory to `$G1DCG` directory or to the directory where Spectrum Technology Platform is installed (*SpectrumDirectory*).
6. Untar the file using this command:

```
tar -xvf TemporaryDirectory/cdq20221s05.tar
```

7. Back up these folders to a different location:  
`SpectrumDirectory/server/types`
8. Delete following Spectrum Technology Platform server files affected by the patch, present at location: `SpectrumDirectory/server/types`

- `jackson-datatype-json-org-2.11.2.jar`
- `jackson-jaxrs-base-2.11.2.jar`
- `jackson-jaxrs-json-provider-2.11.2.jar`
- `jackson-module-jaxb-annotations-2.11.2.jar`
- `json-20090211.jar`
- `li-sdk-common-1.15.0.jar`
- `li-sdk-coordsys-core-1.15.0.jar`
- `li-sdk-coordsys-irishtm-1.15.0.jar`
- `li-sdk-coordsys-jgd2000-1.15.0.jar`
- `li-sdk-coordsys-nadcon-1.15.0.jar`
- `li-sdk-coordsys-ntv2-1.15.0.jar`
- `li-sdk-coordsys-rgf93-1.15.0.jar`
- `li-sdk-geometry-1.15.0.jar`
- `li-sdk-persistence-json-common-1.15.0.jar`
- `li-sdk-persistence-json-feature-1.15.0.jar`
- `li-sdk-persistence-json-geometry-1.15.0.jar`

- `li-sdk-persistence-json-style-1.15.0.jar`
  - `li-sdk-style-1.15.0.jar`
  - `li-sdk-unit-1.15.0.jar`
9. Choose to overwrite/add/copy ALL(19) files from the patch location (*TemporaryDirectory/server/types*) to *SpectrumDirectory/server/types*
  10. Run the *SpectrumDirectory/server/bin/server.start* script to start the Spectrum Technology Platform server.



1700 District Ave Ste 300  
Burlington MA 01803-5231  
USA

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