



## **Loftware Universal Connector 4.3.1 Release Notes**

**September 2021**

### **What new features are available in this release?**

- Added Support for Windows Server 2019
- Enhanced the Data Lookup Rule to process multiple variables in the Data Lookup Rule, when Advanced Rules are enabled and a Rule Chain with that Data Lookup Rule is created and enabled. Legacy Rules do not support multiple variable processing with Data Lookup Rules.
- Enhanced the Universal Connector for SaaS File Drop functionality with the ability to configure the location of the working folders (Processing, Archive, Error)
- Enhanced the process of changing the target Spectrum instance when using the Universal Connector for SaaS File Drop.

### **What fixes are available in this release?**

Resolved an issue to allow default data lookup filters to run when key lookups include null parameters.

Resolved an issue that was resulting in unnecessary trace files being written.

Resolved an issue with the Universal Connector for SaaS File Drop that was causing negative device number values to be assigned to printers in Spectrum.

Resolved an issue with the Universal Connector for SaaS File Drop where dropping PAS files with ENCODECR and ENCODELF commands incorrectly caused job failures.

Resolved an issue to correctly execute the "Fail on Data Lookup Error" so that errored files end up in the Errored folder instead of incorrectly remaining in the Processing folder

Resolved an issue when using the Universal Connector for SaaS File Drop where PAS files with ENCODECR and ENCODELF commands causes an error and gets stuck in a continuous retry mode.

Resolved an issue with the Universal Connector for SaaS File Drop where errored jobs were incorrectly remaining in the Processing folder rather than moving to the Errored folder.

## What issues are known about this release?

**The Universal Connector's Service Properties dialog** will display v4.2.0 instead of v4.3.1 after an upgrade from v4.2.0 to v4.3.1.

The following steps must be taken to present the correct upgraded version:

1. Stop the Loftware Universal Connector service.
2. Merge the new ucfiledrop\conf4.3.1.0 to your production ucfiledrop\conf folder as noted during the upgrade and described in the install guide.
3. Rename ucfdacmd\_4.3.1.0 to ucfdacmd.
4. From a Command Prompt window, navigate to the c:\Program Files\Loftware Labeling\Connector\ucfiledrop folder, and run the following commands.
  - ucfdacmd remove
  - ucfdacmd install
5. Start the Loftware Universal Connector service.

**When printing using the `_PRINTERNUMBER` attribute with Universal Connector for Spectrum SaaS**, the Spectrum printerNumber attribute stored per-printer in the lpsDir.xml file will differ from printer number values used previously with LPS, because these Spectrum printer numbers are auto-generated at startup of Universal Connector.

To enable printing via `_PRINTERNUMBER` with Connector for SaaS, there are two options:

- Edit the jcfda\_config.xml, and enable the LPSServer element of the scan folder with the value of the Spectrum server that has the printer number identified in the job file.
- Edit the jcfda\_config.xml, and enable the LPSServer element as well as configure the scan folder PrinterName element to the target printer. This dedicates the scan folder to the target device, overriding any `PRINTERNUMBER` value.

**Note:** This option dedicates the scan folder to a single printer only. A new scan folder would need to be created for each unique `PRINTERNUMBER` in the jcfda\_config.xml file.

Once printing via `_PRINTERNUMBER` is enabled in Connector: To maintain the original `_PRINTERNUMBER` values of the incoming job files, the user may edit the lpsDir.xml file manually while Universal Connector for Spectrum SaaS is running and change the printerNumber value of the target printer names to the numbers used in the job files.

**When the Universal Connector processes XML job files**, the field names are transformed to all-caps. Because Spectrum is case-sensitive by default, if the name-case for a field coming from the Connector does not match the case in Spectrum, that field will not be populated with data. The workaround is to set the Spectrum system property "caseInsensitive" to true.

**Rules/Rule Chains are not supported** in Universal Connector for SaaS File Drop.



**The Universal Connector for Spectrum SaaS supports connection to a single instance of Spectrum.**

This is different than the Universal Connector for LPS.

To switch between Spectrum instances, the following must be done before restarting the Universal Connector service:

- The spectrumURL in the LPSCconnector.properties file needs to be updated with the new Spectrum instance information.