

# IDOL Media Server

Software Version 12.12.0

## Release Notes



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## Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for updated documentation, visit <https://www.microfocus.com/support-and-services/documentation/>.

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## New in this Release

The following new features were released in Media Server version 12.12.0.

- To improve face recognition accuracy, Media Server can fine-tune the neural network that is used for face recognition, so that it is optimized for your training data. For more information about this feature, refer to the documentation for the new action `FinetuneFaceDatabase`.
- Improved OCR accuracy for some atypical images, including some cases where earlier versions of Media Server did not return any text.
- When you configure Media Server to output real-world coordinates by calculating the perspective during analysis, Media Server produces records for all recognized objects and vehicles. The first records in the `worldResult` track are delayed until the perspective has been calculated. Earlier versions of Media Server did not output records for objects and vehicles that were recognized before the projection was ready. There is also a new configuration parameter, `MinPerspectiveData`, so that you can configure the minimum number of data records that must be generated before attempting to calculate the perspective.
- The following speech-to-text language packs have been updated (for 16kHz broadband only). These are not included in the Media Server package but are available separately.

Improvements	Language pack
Updated with new language models that include terminology related to COVID	Danish (DADK)
	Dutch (NLNL)
	English - Australian (ENAU)
	Italian (ITIT)
	Polish (PLPL)
	Portuguese - Brazilian (PTBR)
	Romanian (RORO)
	Spanish (ESES)
Improved accuracy	Spanish - Latin American (ESLA)
	English - British (ENUK)
	French (FRFR)
	Japanese (JAJP)
Russian (RURU)	

## Resolved Issues

The following issues were resolved in Media Server version 12.12.0.

- Using the actions `TestObjectClassRecognizerSnapshot` or `TestClassifierSnapshot`, or face recognition, on a GPU could cause subsequent actions to fail with the error "attempted to use too much GPU memory (maximum of one concurrent GPU training action)".
- Media Server could terminate unexpectedly when running OCR.
- **(Security update)** The third-party OpenSSL library has been upgraded to version 1.1.1n to resolve a security vulnerability, CVE-2022-0778.

# Notes

This section contains information that is important if you are upgrading from an earlier version of Media Server.

## New Database Schema

- The Media Server database schema has changed. If you are using an internal database, the schema upgrade is performed automatically when you start the new version of Media Server. If you are using an external PostgreSQL or MySQL database you must run an upgrade script, which is included in the Media Server 12.12.0 installation. For more information about upgrading the database schema, refer to the *Media Server Administration Guide*.

## Deprecated Features

The following features are deprecated and might be removed in a future release.

Category	Deprecated Feature	Deprecated Since
ACI Encryption	ACI Encryption has been deprecated. Instead of using ACI encryption, Micro Focus recommends configuring Secure Socket Layer (SSL) connections between ACI servers and applications. You can use GSS authorization without using ACI encryption by configuring the <code>GSSServiceName</code> and <code>RequireGSSAuth</code> parameters.	12.6.0
Actions	The <code>GetLatestRecord</code> action. The new actions <code>KeepLatestRecords</code> and <code>GetLatestRecords</code> provide more control over what to store and retrieve.	12.5.0
Event Stream Processing	The <code>MinTimeInterval</code> and <code>MaxTimeInterval</code> parameters for the <code>And</code> , <code>AndThen</code> , <code>AndAny</code> , <code>AndThenAny</code> , <code>AndNot</code> , <code>AndNotThen</code> , and <code>Combine</code> engines. Micro Focus recommends using the new configuration parameter <code>TimestampCondition</code> instead.	12.3.0
Server / Service	The <code>AdminClients</code> , <code>QueryClients</code> , <code>ServiceControlClients</code> , and <code>ServiceStatusClients</code> configuration parameters. Micro Focus recommends that you use authorization roles instead.	11.5.0
Rolling buffer	The action parameter name, available on the actions <code>AddStream</code> , <code>EditStream</code> , <code>GetStreamInfo</code> ,	11.4.0

	<p>PreAllocateStorage, and RemoveStream. Micro Focus recommends that you use the parameter stream, instead.</p> <p>The action parameters OldName and NewName, on the action RenameStream. Micro Focus recommends that you use the parameters Stream and NewStream instead.</p>	
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### Removed Features

The following deprecated features have been removed.

- The RestrictToInputRegion configuration parameter. Micro Focus recommends setting Region=Input instead.
- The following configuration parameters:
  - BorderUnit (Crop transformation)
  - CharHeightUnit (Number plate recognition, text detection)
  - PathUnit (Path alerts)
  - RegionUnit
  - SizeUnit (Face detection, object recognition, persistent change detection)
  - TripwireUnit (Tripwire alerts)

# Documentation

The following documentation was updated for Media Server version 12.12.0.

- *Media Server Administration Guide*
- *Media Server Reference*