IDOL
Media Server

Software Version 12.8.0

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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This portal also provides customer self-solve capabilities. It gives you a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the MySupport portal to:

- Search for knowledge documents of interest
- Access product documentation
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the Access Levels descriptions.

Contents

New in this Release

The following new features were released in Media Server version 12.8.0.

- Media Server can use perspective when processing video of a scene. Media Server can:

  - convert the position of an object in the scene into real-world 3D coordinates.

  - reduce the number of false positive results, by checking whether the size of an object, in pixels, corresponds to the real-world size of such an object. Media Server takes into account the position of the object in the scene and its distance from the camera.

  These features are available in object class recognition and vehicle model recognition. For information about using perspective in media analysis, refer to the *Media Server Administration Guide*.

- Media Server has a new action to link results from two separate processing sessions, where two cameras monitor the same scene from different perspectives. If you output the results from each session to an XML file, you can use the `LinkProcessResults` action to generate pairs of UUIDs (one from each session) that represent the same object class or vehicle.

- Media Server has a new action that compares every face image in your training database to every other face image, and generates clusters that contain images of the same person. You can use this action to find possible cases where a face image has been assigned to the wrong identifier, or where multiple identifiers represent the same person. For more information, refer to the documentation for `action=FaceClustering`.

- Improved OCR accuracy when `OCRMode=scene`.

- OCR results include a new metadata field, named "block", that indicates which block of text the result belongs to. Media Server starts counting at zero and increments the counter each time it recognizes a new heading, paragraph, or table. The counter is reset to zero at the start of each page. For example, a page that consists of ten paragraphs will have blocks numbered from zero to nine, in logical reading order. A table, including headings, columns, and rows, is considered to be a single block.

- Speaker identification now provides a granular confidence score, with values from 0 to 100, rather than just indicating a possible match.

- For applications where carriage return characters are important, you can now set the new `PreserveCarriageReturn` parameter to **True**. This option configures Media Server to convert carriage return bytes to their XML entity equivalent in action responses, which receiving XML parsers preserve, rather than converting to a line feed. This behavior affects user-created values that contain carriage returns.

- The `Admin` action was modified to ensure that the IDOL Admin interface can not run in an iframe, to improve clickjacking protection.

- Scheduled actions that have the same start time now run in the order that the schedules were created (with `action=schedule`).

Resolved Issues

The following issues were resolved in Media Server version 12.8.0.

- Changing a threshold for speaker identification (using `action=SetSpeakerThreshold`) did not cause the database to require synchronization. (Media Server would synchronize with the database successfully but the change did not take effect).

- In some action responses, audio clips were referred to as images.

- Object class recognition training could fail with the error "Bad input line".

- The server could terminate unexpectedly when an authorization role was configured and the list of `Clients` included a hostname with a wildcard, such as `*.domain.example.com`. The `Clients` parameter accepts wildcards only in IP addresses.

Notes

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

Deprecated Features

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

Category	Deprecated Feature	Deprecated Since
Session configuration	The `RestrictToInputRegion` configuration parameter has been deprecated. Micro Focus recommends setting `Region=Input` instead.	12.7.0
Session configuration	To simplify configuration, units can be specified in the same parameter as the corresponding value. As a result the following configuration parameters have been deprecated: • `BorderUnit` (Crop transformation) • `CharHeightUnit` (Number plate recognition, text detection) • `PathUnit` (Path alerts) • `RegionUnit` • `SizeUnit` (Face detection, object recognition, persistent change detection) • `TripwireUnit` (Tripwire alerts) Micro Focus recommends that you update your session configurations. For example, if you have a configuration that sets the `Region` parameter, add units alongside the parameter value. If the parameters listed above are removed in a future version of Media Server, values without units will become invalid.	12.7.0
Audio Matching	The output of audio matching has changed, to be more consistent with the output from other analysis tasks. The following output fields are deprecated: • `identifier` (use `identity/identifier` instead) • `database` (use `identity/database` instead)	12.6.0

	• score (use identity/confidence instead)	
Speaker ID	The output of speaker identification has changed, to be more consistent with the output from other analysis tasks. The following output fields are deprecated: • confidence (use identity/confidence instead)	12.6.0
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 GSSServiceName and RequireGSSAuth parameters.	12.6.0
Databases	The ODBCDriverManager parameter (in the [Database] section of the Media Server configuration file, and for output engines that use ODBC). You no longer need to set this parameter.	12.6.0
Actions	The GetLatestRecord action. The new actions KeepLatestRecords and GetLatestRecords provide more control over what to store and retrieve.	12.5.0
Event Stream Processing	The MinTimeInterval and MaxTimeInterval parameters for the And, AndThen, AndAny, AndThenAny, AndNot, AndNotThen, and Combine engines. Micro Focus recommends using the new configuration parameter TimestampCondition instead.	12.3.0
Server / Service	The AdminClients, QueryClients, ServiceControlClients, and ServiceStatusClients configuration parameters. Micro Focus recommends that you use authorization roles instead.	11.5.0
Rolling buffer	The action parameter name, available on the actions AddStream, EditStream, GetStreamInfo, PreAllocateStorage, and RemoveStream. Micro Focus recommends that you use the parameter stream, instead. The action parameters OldName and NewName, on the action RenameStream. Micro Focus recommends that you use the parameters Stream and NewStream instead.	11.4.0

Removed Features

The following deprecated features have been removed.

- Setting the `SyncInterval` parameter as a number of milliseconds. This parameter must now be set in time duration format.

Documentation

The following documentation was updated for Media Server version 12.8.0.

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