

# MainConcept 2GO v2.3

## Release Notes

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### System Requirements

MainConcept 2GO products are containerized applications that run in all environments supported by Docker. Known systems include Microsoft Windows 10, Linux (CentOS 7.4 or higher and Ubuntu 16.04 LTS) and most cloud platforms from Amazon, Microsoft and Google. Support on Windows 7, 8 and macOS is limited with Docker Toolbox and a 3<sup>rd</sup> party virtualization software.

A MainConcept 2GO product is delivered as a download package. The package contains the actual MainConcept 2GO container binary as well as links to the online documentation, installation instructions, usage scripts and integration guidelines.

Before running the container, it must be installed in your Docker® environment either locally or in farms using other container management tools like Swarm or Kubernetes. Example scripts show how to install, start and stop the container using various tools and with different parameters.

Once started, the MainConcept 2GO instance is active and ready to use. The interface for data transfers in and out depends on the type of 2GO product. For live streaming use cases MainConcept 2GO allows a direct IP network connection in and out of the container. For file-based use cases a folder on the host is mapped into the container and used for input and output.

MainConcept 2GO containers are best suited for large deployments in local or virtual server farms, including cloud platforms.

### Documentation

There are MainConcept 2GO [online documentations](#) for all microservice products currently available explaining how to setup, run and control the Docker modules. On this page, you also find the link to our [REST API user guide](#) that gives you a general overview about how to control MainConcept 2GO using a RESTful API.



## Features

### New Features in MainConcept 2GO 2.2:

- Option for specifying in / out points for file-based MC2GO transcoding products.
- A PNG image can be assigned as a logo for file-based MC2GO transcoding products.

### New Features in MainConcept 2GO 2.1:

- MainConcept 2GO OTT Live Encoder now available as version 2.1 with HTTP, RTMP and authenticated RTSP ingest as well as direct output upload to Akamai and Amazon CloudFront.

### New Features in MainConcept 2GO 2.0:

- REST API control for flexible job management. Please see separate documentation for detailed information.
- Remote support for Amazon S3 input and output locations.
- FTP support for remote upload and download.
- Folder upload and deletion for modules with multi-file content generation like MC2GO OTT File Transcoder DASH / HLS and MC2GO P2 AVC Ultra Transcoder.
- Ingest files from HTTP locations.

## Resolved Issues

### Issues Resolved in MainConcept 2GO 2.3

- **[B-85541]** Color range is not expanded for XDCAM HD presets anymore.
- **[D-39370]** The Sony XAVC-S preset now creates valid output by adding the missing STTS atom to the MP4 container.
- **[D-40607]** Fixed hang using the Sony XAVC-S preset on a one CPU system running Linux.
- **[D-40811]** Fixed crash when importing certain HDR Apple ProRes in MXF container files.
- **[D-40862]** MC2GO now also runs correctly on CentOS 7.2 and 7.3.

### Issues Resolved in MainConcept 2GO 2.2

- **[MC2GO-7]** Removed file size limitation of the container space, so MainConcept 2GO can also process very large files.

### Issues Resolved in MainConcept 2GO 2.1

- **[B-85697]** Copy the log file into the mounted volume when using "old mode" from version 1.0.
- **[B-85698]** It is now possible to use relative paths for mounted volumes.



- **[B-85700]** Removed debug message “Failed to open progress file” that always appeared during runtime.
- **[D-40580]** After sending the Abort command via REST API, the MC2GO modules version 2.0 are not alive and consume CPU resources anymore.

### Issues Resolved in MainConcept 2GO 2.0

- **[B-85498]** Fixed error (readlink: illegal option – f) so MC2GO can now also be installed properly under macOS.
- **[B-85561]** Display common progress for several audio / video layers during MPEG-DASH and Apple HLS transcoding.
- The following modules are now able to ingest AVC/H.264 10-bit 4:2:2 / 4:4:4 files properly:
  - MC2GO OTT File Transcoder HLS
  - MC2GO OTT File Transcoder DASH
  - MC2GO P2 AVC Ultra Transcoder
  - MC2GO Proxy File Generator

### Known Issues

- n/a

### Additional Notes

- Please note that on Windows you must configure Docker for Linux Containers, so you should use the CE (Community Edition) rather than EE (Enterprise Edition) version of Docker. Docker CE requires a full GUI to install, so for this reason, Windows Server 2016 users must have the full ‘desktop experience’ installed. The lighter-weight versions of Windows Server 2016 cannot be used because they do not have a full GUI. Other versions of Windows only have a full GUI. Due to some limitations in VirtualBox, MainConcept 2GO does not work if you are running the VM tool with Windows Server 2016.

### Technical Support

If you need additional assistance, the MainConcept Technical Support team is standing by to help. Send an e-mail to [apps.support@mainconcept.com](mailto:apps.support@mainconcept.com) or go to the [MainConcept Support](#) page and we'll assist you as quickly as possible.



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