

Asset Management & Distribution

The **x-dream-distribution GmbH** represent „Flow Works GmbH“ in EMEA exclusively and is the first point of contact in case of any questions.

First Level Integrations within Flow Center Device Manager (as of 01.2018)

Background:

- Flow Center is a powerful MAM, Integrator and Workflow-Engine
- To maximize the reach, Flow can integrate any 3rd party device -> "Flow Device Manager"
- These devices / services can then be used/set/configured as part of any workflow designed and run by the Flow system -> "Flow Workflow Manager"

The following lists the most important 3rd party tools & devices already integrated:

Transcoders:

via API:

- Carbon Coder
- Harmonics WFS
- Capella Cambria FTC
- Vantage
- MP4 Box (Dash/HLS)
- Total Code Engine
- Amazon Elastic Transcoder
- Capella Transcoder
- Capella Live
- Widevine DRM
- Playready DRM
- Apple DRM
- Piksel platform
- Gracenote platform
- FFMPEG NVIDIA GPU accelerated
- FFMPEG Intel GPU accelerated
- Main Concept

via command line:

- FFMPEG
- ImageMagick
- Main Concept Media SDK
- Open Cube MXF SDK
- Media Info



First Level Integrations within Flow Center Device Manager (Page 2)

Quality Control:

- Interra Baton
- VidChecker
- Carbon Quality Control
- others with XML reports

DRM solutions:

- Irdeto DRM
- Widevine
- PlayReady
- HLS
- Piksel DRM platform
- Gracenote platform
- others via watchfolder

WAN Transfer Agents:

- Signiant
- Aspera
- Trilex
- Amazon Cloud Front

Transfer:

- FTP
- SFTP
- Watchfolders
- network any protocol
- Cloud transfers (Amazon, Akamei, Microsoft, owncloud)

Complete Ingest and Editing:

- Woody Ingest / Woody in2it
- MXFServer Ingest and Editing
- filebased ingest
- network filebased ingest
- Cloud transfers (Amazon, Akamei, Microsoft, owncloud)

Storage:

- any Storage with Linux drivers and/or third party software
- any Network Storage
- any Cloud storages (Amazon, Akamei, Microsoft, owncloud)

First Level Integrations within Flow Center Device Manager (Page 3)

Editing Systems:

- Adobe Premiere
- Adobe Photoshop
- Adobe Software in general
- AVID Media Composer
- AVID software and MAMs
- Apple Final Cut Pro
- Quantel Edits
- various third party non linear editing software
- MXFServer and all its own Integrations
- various picture analysis tools
- various audio analysis tools
- various Audio editing solutions

Playout and Automation:

- Seachange
- Harris
- Aveco
- Quantel partly
- Marina Pebble Beach
- others via watchfolder and XML

DB and DB systems:

- MariaDB
- MySQL
- Microsoft SQL
- PostgreSQL
- IBM DBs
- SAP DBs
- Galera Cluster
- semantic DB systems from HPI
- other proprietary DB systems

Converters and File/Metadata edits:

- PDF Converters
- XLS, CSV Converters
- JSON, XML, XSLT
- Document read in
- Document playout
- Image editing and tagging



First Level Integrations within Flow Center Device Manager (Page 4)

Social Media platforms:

- Facebook
- Youtube
- Twitter
- Vimeo
- various others

VOD platforms:

- over 60 different VOD platforms
- own platform = direct integrated playout to custom built VOD GUI

Cloud and CDN:

- any Cloud Storage and Computing
- any CDN
- OwnCloud and open source Cloud solutions

Newsroom Systems:

- NIS Newsroom (Ilionix)
- Octopus

Custom Integration:

Any other device / process can be integrated via

- Further building API / other connections
- Integrating own code / processes into "Flow Nodes" = making them available in the