

Feature Highlights

- Workflow engine for orchestration of tasks
- AMWA certified AS-11 UK DPP Outputs
- ARD/ZDF MXF Profiles
- Best-in-class image processing
- Consistently high quality results for all codecs
- Unique interlace, progressive and framerate handling
- High quality, frame-accurate HD-SDI ingest and playback
- Embedded multi-channel audio, Closed Captioning and Ancillary data processing.
- Direct connection to shared storage platforms
- Embedded mark-up, editing, Metadata & Segmentation Tools
- Scalable across CPUs, GPUs and Networks
- Quality Control reports managed through media lifecycle
- Clearly defined, documented and extensible APIs
- Unified QC approach for automated and manual operation
- Proven interoperability in multi-vendor environments

Dalet AmberFin

Dalet AmberFin is a high quality, scalable media processing platform driven by a powerful workflow engine.

Complex workflows to ingest, process, package and deliver assets reliably can be designed and monitored in a highly intuitive web-based interface.

Whether you need a single application specific product or a large-scale enterprise-class farm Dalet AmberFin software is built upon unique technologies that ensure your media assets retain the highest quality from new media content to 4K resolutions.

Dalet AmberFin software runs on cost-effective, commodity IT hardware that can adapt and grow as the needs of your business change and offers extensible rich APIs to ease integration in any environment.

New in this version:

- Workflow Engine : User tasks assignment and management for manual QC and external tasks
- Workflow Engine : Advanced stencil set with S3 watchfolder/upload/download/copy and distributed command line activities
- Analytics to gather and expose orchestration and processing data for real-time search and analysis
- Ability to import/export profiles and profile groups using the user interface or API
- Panasonic AVC-LongG6/12/25/50 support for transcode-in
- HEVC and ProRes playback up to UHD at 60P using Matrox DSX LE4 board

New in the previous Version (v11):

- Workflow engine to orchestrate complex processes involving metadata, transcode, QC and transport tasks.
- Built-in extraction of WST (World System Teletext) captions/subtitle to EBU STL or MXF 436.
- UHD Support on playback.
- HEVC and DPX support for transcode-in.
- XAVC HD / 4K support for transcode-out .
- Extended ProRes transcode support to cover resolutions up to 4K.
- Multi-file import/transcode from Sony XDCAM/XDCAM EX, Panasonic P2 and Canon C300 camcorders.
- Support of MXF Op1a wrapper for JPEG-2000 codec on ingest.

Format		Ingest	Playback	Transcode	
				In	Out
AVI	DV/DVCPPro/DVCPProHD	●	●	●	●
	Uncompressed Video	●	●	●	●
MXF OP1a	Uncompressed Video		●	●	●
	JPEG 2000	●	●	●	●
	MPEG-2 I frame	●	●	●	●
	MPEG-2 Long-GOP	●	●	●	●
	AVC-Intra	●	●	●	●
	AVC-LongG6/12/25/50			●	
	XAVC HD Intra/Long GOP		●	●	●
	XAVC 4K Intra CBG			●	●
	XAVC 4K Long GOP			●	●
	MPEG-4 SStP Lite/SQ 4:2:2			●	
	DNxHD	●	●	●	●
	DV/DVCPPro/DVCPProHD	●	●	●	●
	D10 (IMX 30/40/50)	●	●	●	●
	MPEG 1Layer 2 Audio	●	●	●	●
	Dolby D (AC-3, 5.1)	●	●	●	●
MXF XDCAM	XDCAM HD	●	●	●	●
	DVCAM	●	●	●	●
MXF P2	DV/DVCPPro/DVCPProHD	●	●	●	●
	AVC-Intra	●	●	●	●
MXF OP-Atom (AAF)	DNxHD	●	●	●	●
	DV 25/50	●	●	●	●
	IMX	●	●	●	●
	XDCAM HD	●	●	●	●
MXF AS-02	Uncompressed Video	●	●	●	●
	JPEG 2000	●	●	●	●
	MPEG-2 I frame		●	●	●
	MPEG-2 Long-GOP	●	●	●	●
	D10 (IMX 30/40/50)	●	●	●	●
	DV/DVCPPro/DVCPProHD		●	●	●
	AVC-Intra	●	●	●	●
MPEG-2 Transport Stream	MPEG-2 I frame	●	●	●	●
	MPEG-2 Long-GOP		●	●	●
	D10 (IMX 30/40/50)	●	●	●	●
	H.264/AAC		●	●	●
	AVCHD	●	●	●	●
	MPEG 1Layer 2 Audio	●	●	●	●
	Dolby D (AC-3, 5.1)	●	●	●	●
MPEG-2 Program Stream	MPEG-2 I frame	●	●	●	●
	MPEG-2 Long-GOP		●	●	●
	D10 (IMX 30/40/50)	●	●	●	●
	MPEG-1 Video	P			●
	MPEG 1Layer 2 Audio	●	●	●	●
	Dolby D (AC-3, 5.1)	●	●	●	●

Format		Ingest	Playback	Transcode		
				In	Out	
Elementary Streams	JPEG 2000		●	●	●	
	MPEG-2 I frame	●	●	●	●	
	MPEG-2 Long-GOP		●	●	●	
	D10 (IMX 30/40/50)	●	●	●	●	
	MPEG-1 Video		●	●	●	
	H.264					
	DV/DVCPPro/DVCPProHD	●	●	●	●	
	MPEG 1Layer 2 Audio	●	●	●	●	
	Dolby D (AC-3, 5.1)	●	●	●	●	
	WAV/BWAV	●	●	●	●	
	AIFF	●	●			
	System Stream	MPEG1 Video + MPEG-1 Layer 2 Audio	P	●		●
Quicktime (mov)	MPEG-2 I frame		●	●		
	MPEG-2 Long-GOP		●	●		
	Pro-Res 422 Proxy/422 LT/422/422 HQ	●	●	●	●	
	ProRes 4444		●	●		
	XDCAM HD		●	●	●	
	XDCAM EX				●	
	D10 (IMX 30/40/50)	●	●	●	●	
	DV/DVCPPro/DVCPProHD	●	●	●	●	
	Native QT 7 A/V codecs on Windows		●	●	●	
	User installed QT 7 A/V codecs (e.g. ON2 flash)				●	
	Uncompressed 10 bit/8 bit	●	●	●	●	
	Sorensen video 3	P	●	●	●	
	ASP		●	●	●	
	H.264	P	●	●	●	
	AAC		●	●	●	
	AMR		●	●	●	
	Quicktime Reference	D10 (IMX 30/40/50)	●	●	●	●
MPEG-2 I frame		●	●	●	●	
MPEG-2 Long-GOP		●	●	●	●	
GXF	XDCAM HD	●	●	●	●	
	MPEG-2		●	●	●	
LXF	MPEG-2			●		
MP4	H.263				●	
	H.264		●	●	●	
	HEVC		●	●	●	
	AAC		●	●	●	
Windows Media	VC-1		●	●	●	
	WM9	P	●	●	●	
WebM	VP8				●	
3GPP	H.263				●	
	H.264			●	●	
Images	DPX			●		

P = Proxies ● = Resolution support beyond HD * = Check availability

Want to know more?

Dalet Digital Media Systems software solutions are used by Content Owners, Broadcasters, Sports Organizations and Post Production Facilities worldwide.

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