

Feature Highlights

- Workflow engine for orchestration.
- UHD High Dynamic Range Processing and cross conversion.
- Comprehensive IMF support (Application 2, Application 2e, Application ProRes).
- Install on cloud or on premise
- AMWA AS-03, AS-10 and 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

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 and High Dynamic Range colors.

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: V11.6

- High Dynamic Range Processing and conversion between SDR, PQ and HLG
- "AmberFin Kiosk" Camera Card Ingest
- Customisable Web Based Workflow User Interfaces
- IMF Simple, Complex, Complete and Partial Package support
- IMF App ProRes (SMPTE RDD 45:2017) creation and consumption
- Web Based Floating License Manager
- Nielsen Watermarking insertion
- Enhanced Logo Insertion
- Audio Only Transcoding

New in the previous version:**V11.5:**

- IMF App #2e (SMPTE ST 2067-21) creation and consumption
- MPEG-DASH Package Creation
- Microsoft Azure Blob file and folder management
- TIFF Transcode Inputs
- J2k and ProRes framerate conversion during rewrap
- Input Adaptive Scaling

V11.4:

- ProRes 4444XQ support on transcode input and output (PQ and HLG)
- XAVC support on transcode input and output (PQ)
- HEVC support on transcode input and output (PQ and HLG)
- J2K support on transcode input and output (PQ and HLG)
- DPX support on transcode input (PQ and HLG)
- HDR (PQ) to Standard Dynamic Range for Proxies

Format		Ingest	Play	Transcode		Format		Ingest	Play	Transcode		
				In	Out					In	Out	
AVI	DV/DVCPPro/DVCPProHD	●	●	●	●	ABR	HTTP Live Streaming (HLS)				●	
	Uncompressed Video	●	●	●	●		MPEG-DASH (mp4)					●
MXF OP1a	Uncompressed Video		●	●	●	Elementary Streams	JPEG 2000 (MJ2)		●	H	H	
	JPEG 2000	●	●	H	H		MPEG-2 I frame	●	●	●	●	
	MPEG-2 I frame	●	●	●	●		MPEG-2 Long-GOP		●	●	●	
	MPEG-2 Long-GOP	●	●	●	●		D10 (IMX 30/40/50)	●	●	●	●	
	AVC-Intra	●	●	H	H		MPEG-1 Video		●	●	●	
	AVC-LongG6/12/25/50			●			H.264				●	
	XAVC HD Intra/Long GOP		●	●	●		HEVC				H	
	XAVC 4K Intra CBG		●	H	H		DV/DVCPPro/DVCPProHD	●	●	●	●	
	XAVC 4K Long GOP VBR		●	H	H		MPEG 1Layer 2 Audio	●	●	●	●	
	MPEG-4 SStP Lite/SQ 4:2:2			●			Dolby D (AC-3, 5.1)	●	●	●	●	
	DNxHD	●	●	●	●		WAV/BWAV	●	●	●	●	
	DNxHR			●	●		AIFF	●	●			
	ProRes 422 Proxy/422 LT/422/422 HQ			●	●		System Stream	MPEG1 Video + MPEG-1 Layer 2 Audio	P	●		●
	ProRes 4444/ 4444XQ			H	H		MPEG-2 I frame		●	●		
	DV/DVCPPro/DVCPProHD	●	●	●	●		MPEG-2 Long-GOP		●	●	●	
	D10 (IMX 30/40/50)	●	●	●	●		ProRes 422 Proxy/422 LT/422/422 HQ	●	●	●	●	
	MPEG 1Layer 2 Audio	●	●	●	●		ProRes 4444/ 4444XQ		●	H	H	
Dolby D (AC-3, 5.1)	●	●	●	●	DNxHR			●	●			
MXF XDCAM	XDCAM HD	●	●	●	●	XDCAM HD		●	●	●		
	DVCAM	●	●	●	●	XDCAM EX				●		
MXF P2	DV/DVCPPro/DVCPProHD	●	●	●	●	Quicktime (mov)	D10 (IMX 30/40/50)	●	●	●	●	
	AVC-Intra	●	●	●	●		DV/DVCPPro/DVCPProHD	●	●	●	●	
MXF OP-Atom (AAF)	DNxHD	●	●	●	●		Native QT 7 Windows codecs (eg MJPEG)		●	●	●	
	DV 25/50	●	●	●	●		User installed QT 7 A/V codecs				●	
	IMX	●	●	●	●		Uncompressed 10 bit/8 bit	●	●	●	●	
MXF AS-02	XDCAM HD	●	●	●	●		Sorensen video 3	P	●	●	●	
	Uncompressed Video	●	●	●	●		ASP		●	●	●	
	JPEG 2000	●	●	H	H		H.264	P	●	●	●	
	MPEG-2 I frame		●	●	●		AAC / AMR		●	●	●	
	MPEG-2 Long-GOP	●	●	●	●		D10 (IMX 30/40/50)	●	●	●	●	
	D10 (IMX 30/40/50)	●	●	●	●	MPEG-2 I frame, Long-GOP	●	●	●	●		
	DV/DVCPPro/DVCPProHD	●	●	●	●	XDCAM HD	●	●	●	●		
IMF	AVC-Intra	●	●	H	H	GXF	MPEG-2		●	●	●	
	App #2/ App #2e (JPEG 2000)			H	H		DV/DVCPPro/DVCPProHD			●	●	
MPEG-2 Transport Stream	App ProRes (RDD 45:2017)			H	H	LXF	MPEG-2			●		
	MPEG-2 I frame	●	●	●	●		MP4	H.263				●
	MPEG-2 Long-GOP		●	●	●	H.264			●	●	●	
	D10 (IMX 30/40/50)	●	●	●	●	HEVC			●	H	H	
	H.264/AAC		●	●	●	AAC			●	●	●	
	HEVC				H	Windows Media		VC-1		●	●	●
	AVCHD	●	●	●	●	WM9	P	●	●	●		
MPEG 1Layer 2 Audio, Dolby D (AC-3, 5.1)	●	●	●	●	WebM	VP8				●		
MPEG-2 Program Stream	MPEG-2 I frame	●	●	●	●	3GPP	H.263				●	
	MPEG-2 Long-GOP		●	●	●		H.264			●	●	
	D10 (IMX 30/40/50)	●	●	●	●	Images	DPX (up to 16 bits)			H		
	MPEG-1 Video	P			●		TIFF, PNG, BMP, JPEG, TGA			TIFF	●	
	MPEG 1Layer 2 Audio, Dolby-D (AC-3, 5.1)	●	●	●	●							

● = Resolutions to HD P = Proxy
 ● = Resolution support beyond HD H = High Dynamic Range

Want to know more?

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

To find out more, contact your local Dalet channel partner, or contact Dalet:
www.dalet.com

Headquarters:

16, rue Rivay - 92300 Levallois-Perret - France

+33 1 41 27 67 00

Dalet is a registered trademark of Dalet S.A. All other trademarks are the property of their respective owners. The information contained in this document is subject to change without notice or obligation.

