

AXMEDIS: Comparison with respect to the state of the art products and competitors

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	AXMEDIS	Mediasphere	AnyStream Agilità, etc.	Dave TV	iTunes	Windows Media	Coral Forum	DMP	OMC DReaM	DLNA	DDEX	OpenIPMP
Type of platform	B2B, B2C, B2B2C	B2B CMS	B2B	Media Center	Music Store	B2C	B2C	B2C	B2B, B2C	B2B	B2B	B2B, B2C
Peer-2-peer model	YES (bitTorrent)	NO	No	YES	NO	NO	NO	NO	NO	NO	NO	NO
Consumer level P2P	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
Business level P2P	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mobile P2P players	YES (bitTorrent)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Devices and players	PC, PDA, STB (later for mobiles)	TV, Mobile, Web	NO	TV, Mobile, Web	Web, iPod, iTunes music box	PC	All	NO	Third party	n.a.	n.a.	Third party
Player and Supporting Systems	MS Windows, Windows Mobile, Linux, MAC	Windows, and mobiles	NO	Windows	Devices	Windows	Windows	Windows	Windows, and mobiles	NO	NO	Not clear
Players	AXMEDIS, MPEG-21, OMA	WM, OMA	NO	n.a.	iTune	WM	WM	Mobile MPEG-21	WM, OMA	NO	NONE	NO
Customizable player	AXMEDIS, MPEG-21, OMA	WM, OMA	NO	n.a.	n.a.	WM	WM	Mobile MPEG-21	WM, OMA	NO	NONE	NO
Metadata supported	Dublin Core, MPEG-7, any other XML and non XML file	WM, OMA	MXF	n.a.	iTune	WM	WM	MPEG	n.a.	n.a.	n.a.	MPEG

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Media Formats supported	Cross media, MPEG-21, AXMEDIS, any resources, IMG, DOC, video, audio, animations	audio visual, Windows Media, OMA	Audio, video, MXF	Mpeg-1, Mpeg-2, Mpeg-4, WMV, AVI, ASF, Quicktime, Mp3 WMA, CDA, Jpeg, GIF, Tiff	AAC (advanced audio coding), MP3, Apple Lossless	Windows Media	MPEG-21 mainly	Audio visual	Audio visual	n.a.	n.a.	Audio visual
Cross media formats supported	HTML, SMIL, SCORM, MPEG4, IMS (MXF is coming)	None	MXF	None	None	MPEG-4	MPEG-21	None	None	None	None	None
DRM model	Yes, MPEG-21, OMA, no limits	Windows Media DRM, Real DRM, Oma DRM	NO	Windows Media DRM	iTunes DRM (Fair Play)	Windows Media	Windows Media	MPEG-21	Several, OMA	Several	NONE	IPMPX
Business Model of the product	Affiliation, dual license;	License of the platform	License	Revenue sharing on contents	Retail	Retail	Affiliation	Patent	Open Source, fee	Affiliation	Affiliation	Open Source, Patent
Distribution channels	Satellite, IP, Mobile, Kiosks, VOD, IPTV, POD, etc.	n.a.	Streaming	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Distribution solution	Downloading and streaming	Downloading and streaming	Streaming	Downloading and streaming	Downloading	Downloading and streaming	n.a.	streaming	n.a.	n.a.	n.a.	streaming
B2B production, licensing support	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES
B2B accounting support and tools	YES (CAMART and All)	n.a.	NO	n.a.	B2C only	B2C only	YES	NO	YES	YES	YES	Third party
DRM supporting Tools	Authoring, License Server, Certification	Third party	NO	Third party	Authoring, License server	Authoring, License server	Third party	None	Authoring, License server	Third party	Third party	Third party
Life Cycle coverage	From Preproduction to distribution, B2B2C	n.a.	Pre-production and production	n.a.	Distribution	Distribution	Distribution	Distribution	Distribution	n.a.	From Preproduction to distribution, no DRM	Distribution
Automated production language	YES	NO	Yes	NO	NO	NO	NO	NO	NO	NO	NO	NO
Automated adaptation	YES (Audio, video, images, documents, etc.)	n.a.	N,.a.	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	NO	NO

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Document Keyword extraction	YES	n.a.	NO	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	NO	NO
Automated fingerprint extraction and/or digital signature	YES	n.a.	NO	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	NO	NO
GRID solution for executing automated production processes	YES	n.a.	NO (partial)	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	NO	NO
Integrated Development environment for scripting and debug	YES	n.a.	NO	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	NO	NO
Integration with Legacy or other CMSs and DAM	YES, many formats, ODBC, ORACLE, WEBDAV, FTP, WS, etc.etc.	YES	NO	n.a.	n.a.	YES	n.a.	NO	NO	NO	NO	NO
Integration of other DRM solutions	OMA, OpenIPMP, etc.	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Plug in technology in processing	YES	n.a.	NO	n.a.	NO	NO	NO	NO	NO	NO	NO	NO
Plug in technology for protection tools	YES (AXRS)	n.a.	NO	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	NO	NO	NO
Authoring tool for model	MPEG-21, SMIL, Metadata, Workflow, etc. (see AXMEDIS Editor)	n.a.	NO	n.a.	YES	YES	NO	NO	YES	NO	NO	NO
License Server	YES (AXPMS)	Third party	NO	Third party	YES	YES	NO	NO	YES	NO	NO	NO
Certification Authority Server	YES (AXCA)	Third party	NO	Third party	n.a.	n.a.	n.a.	n.a.	n.a.	NO	NO	NO

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Verification and Certification Tool Server	YES (AXCS)	Third party	NO	Third party	n.a.	n.a.	n.a.	n.a.	n.a.	NO	NO	NO
Registration Service	YES (AXRS)	Third party	NO	Third party	n.a.	n.a.	n.a.	n.a.	n.a.	NO	NO	NO
Workflow support integration	YES, OpenFlow and Biztalk	n.a.	YES	n.a.	n.a.	YES	NO	NO	YES	NO	NO	NO
Content posting tool and portal for final user content SOCIAL network	YES (AXMEDIS COPOP)	n.a.	n.a.	n.a.	n.a.	NO	NO	NO	YES	NO	NO	NO

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Please accept our excuse if the information reported in this document is incomplete.

For any suggestion or to include more products or metrics please contact Paolo Nesi at Nesi@dsi.unifi.it