

ISMA
INTERNET STREAMING MEDIA ALLIANCE

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TITLE: ISMA Liaison Response To OMA
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ISMA would like to thank OMA for its courteous liaison.

On ISMACryp 1.1, we would like to inform you that at our recent meeting in Paris, we achieved interoperability of four implementations of ISMACryp 1.1, one of which was sample code for the file-format transformations (and is currently available to our members). As a result, we are pleased to declare ISMACryp 1.1 final, and expect to publish it on our web site imminently. Since final publication occurs after our change in IPR policy, the new policy applies (members commit to RAND terms to everyone); however, to date, we have received no IPR statements.

On ISMACryp 2.0, we reviewed the OMA BCast specifications (OMA Bcast Service and content protection 1.0, April 2006), and agreed on the same approach for generic codec support as used in OMA BCast. We are now producing a draft specification for our next meeting in the first week of December 2006. ISMACryp 2.0 will be a fully integrated specification, including the material in 1.1 (which in turn covers 1.0).

This version will be supplied for review in OMA, and we in turn would be pleased to continue to receive the latest BCast specification so as to ensure we remain aligned.



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On versioning of ISMACryp, we note that:

- a) ISMACryp 1.0 and ISMACryp 1.1 are not a full DRM specification; there must be some kind of key-exchange, rights indication etc., and the overall DRM protocol could indicate which version is in use;
- b) ISMACryp 1.0 is a proper subset of ISMACryp 1.1, and terminals can detect the change because 1.1 covers use of AVC (H.264);
- c) ISMACryp 2.0 generic codec support can similarly be detected by the new payload type required in RTP (“enc-isoff-generic” compared to “enc-mpeg4-generic” in 1.1).
- d) We would be happy to consider adding signalling in 2.0, in both file format and RTP (SDP). If you would like us to do so, could you suggest your preferred method, or requirements?

Following the production of the specification text, we would expect to determine the specification clarity and implementability through our plugfest interoperability program, prior to final publication.

Attached: ISMACryp 1.1 final