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## LIAISON STATEMENT

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Title: Proposed use of OMA DRM with MMS  
To: 3GPP TSG T  
Copy: 3GPP TSG T2, 3GPP SA1, OMA Requirements WG  
Response to: T2-030358 LS on support for DRM in MMS  
Source: Mobile Applications Group of the Open Mobile Alliance  
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Attachments: n/a

### 1 Overview

The OMA Mobile Applications Group has reviewed the liaison from 3GPP T2 proposing support for OMA Digital Rights Management (DRM) for MMS. OMA MAG is very pleased to see 3GPP adopt our specifications and in general we are satisfied with the proposed changes to the MMS specifications. However, there is one point regarding support for “forward lock” within a MMS Relay/Server that OMA MAG believes should be re-evaluated.

### 2 Proposal

As 3GPP is aware, the purpose of the “forward lock” functionality within OMA DRM is to prevent the forwarding of content that was intended to be delivered to a specific terminal. It should also be noted that content distributed using the “combined delivery” method of OMA DRM is also not allowed to be forwarded [DRM].

OMA MAG understands that the MMS Relay/Server may store attachments to reduce over-the-air traffic and offload content to support constrained devices. Further, attachments that are stored in the MMS Relay/Server may be forwarded to other users without ever being sent to the original target terminal. Because OMA DRM “forward lock” is intended to prevent content forwarding, the approved T2 CR (T2-030357) contains the following note:

*Note: When “DRM message” according to [76] is used in MMS, i.e. DRM protection without content encryption, the DRM protection might be harmed by forwarding operations triggered by the MMS User Agent and carried out by the MMS Relay/Server (e.g. forwarding without prior retrieval).*

OMA MAG agrees that this ability to forward “forward locked” content directly from the MMS Relay/Server is in violation of the spirit of the OMA DRM specifications. Therefore, it is the recommendation of OMA MAG that the MMS Relay/Server, in addition to MMS-enabled terminals, be required to enforce the “forward lock” semantics of OMA DRM.

### 3 Requested Action(s)

OMA MAG requests that 3GPP TSG T2 place a requirement on the MMS Relay/Server to prevent the forwarding of OMA DRM “forward locked” or “combined delivery” content to other than the intended recipient.

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## 4 Conclusion

OMA MAG appreciates 3GPP's use of OMA DRM for protecting content that is delivered via MMS. This is another validation that the specifications have met an industry need. OMA MAG thanks 3GPP for their liaison statement and we look forward to further correspondence on this and other matters.

[DRM] OMA Digital Rights Management version 1.0 candidate enabler, specification available from <http://www.openmobilealliance.org/documents.asp>