



LIAISON STATEMENT

Title: 060701 Mobile Content Security Requirements for OMA DRM v2 Enabled Terminals

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Task:	OMTP DRM v2 Enabled Terminals
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To:	GSMA DRM Expert Group, GSMA Devices Group, OMA DRM, OMA SRM, TCG MPWG
Cc:	N/A
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Attachments:	N/A

Summary: The OMTP requirements for OMA DRM v2 Enabled Terminals have been published. Version 1.3 of the recommendations can be downloaded from www.omtp.org/approved.html

Task Summary

Terminal requirements to support OMA DRM v2-based content download service which includes peer-to-peer sharing across Terminals.

Task Description

Digital Rights Management (DRM) is an enabling technology for the controlled distribution and consumption of valued media content within the mobile industry. To prevent illegal sharing of mobile content, content providers increasingly ask for content protection as prerequisite for content provisioning. The market currently provides proprietary as well as open standard DRM solutions. However, even if implementations are based on the open standard deployed in the mobile world (i.e. OMA DRM v2 standard),

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there is still room for differences in implementations leading to usability, functionality and security issues.

The OMTP Security Group started a sub group with members from key operators, device and software vendors. The task defined a set of agreed Terminal requirements that will help operators and Terminal manufacturers deploying OMA DRM v2 to achieve consistent and User friendly implementations to support DRM-based content download service which includes peer-to-peer sharing across Terminals.

The document covers key areas of functionality expected by OMTP members and the specific requirements needed in Terminals to deliver services based on OMA DRM v2. The scope has been limited to the most prominent use case scenarios, the support of content protection of audio and video as content types and supporting requirements to ensure usability and secure implementation. Furthermore, a use case dealing with the provisioning of Right Objects inside the SIM/USIM card has been included as it is considered relevant, but not realisable within the short term due to the fact that the referenced OMA SRM specification is not yet at Candidate or Approved status. As such, inclusion of the use case and the supporting requirement serves to provide guidance for mid term support.

The deliverable

- is based on the OMA DRM v1 and v2 specifications
- is an update of the Terminal requirements defined by the GSMA DRM group in November 2005 and reflects findings from the GSMA usability group
- references requirements defined in OMA SRM V1.0
- references the DRM security requirements as defined in OMTP Trusted Environment TR0

This document does not provide a complete set of detailed functional requirements, replace individual operator specifications, requirements and quality control levels for Terminals nor does it contractually bind Terminal manufacturers.

The document was published by OMTP on the 16th of May 2007. It is publicly available on www.omtp.org and will and can be adopted by operators via their terminal requirement processes.

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