Digital living network alliance (DLNA) home networked device interoperability guidelines –
Part 4: DRM interoperability solutions
INTERNATIONAL ELECTROTECHNICAL COMMISSION

DIGITAL LIVING NETWORK ALLIANCE (DLNA) HOME NETWORKED DEVICE INTEROPERABILITY GUIDELINES –

Part 4: DRM interoperability solutions

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International Standard IEC 62481-4 has been prepared under technical area 8: Multimedia home systems and applications for end-user network, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) removal of references to Mobile Digital Media Uploader (M-DMU);

b) removal of references to Mobile Digital Media Downloader (M-DMD).
The text of this International Standard is based on the following documents:

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<th>CDV</th>
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<td>100/2883/RVC</td>
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Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 62481 series, published under the general title *Digital living network alliance (DLNA) home networked device interoperability guidelines*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under “http://webstore.iec.ch” in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.
Consumers are acquiring, viewing, and managing an increasing amount of digital media (photos, music, and video) on devices in the consumer electronics (CE), mobile, and personal computer (PC) domains. As such, they want to conveniently enjoy the content, regardless of the source, across different devices and locations in the home. The digital home vision integrates the Internet, mobile, and broadcast networks through a seamless, interoperable network, which will provide a unique opportunity for manufacturers and consumers alike. In order to cater for this need, a common set of industry design guidelines is needed that allows vendors to participate in a growing marketplace, leading to more innovation, simplicity, and value for consumers. This document serves that purpose and provides vendors with the information needed to build interoperable networked platforms and devices for the digital home.
DIGITAL LIVING NETWORK ALLIANCE (DLNA) HOME NETWORKED
DEVICE INTEROPERABILITY GUIDELINES –

Part 4: DRM interoperability solutions (DIS)

1 Scope

This part of IEC 62481, the DLNA guidelines, specifies DLNA guidelines for DRM Interoperability Solutions (DIS), which are defined as methods to enable the secure transfer and use of protected commercial content between different implementations on network media devices. This content could be protected by different content protection technologies. In this document, they are referred to as DRMs.

The guidelines are not intended to replace or disable other interoperability mechanisms that could already be in place, for example DLNA Link Protection guidelines stated in IEC 62481-3:2017 or mechanisms provided by underlying DRMs.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.


IEC 62481-3:2017, Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection


DTCP Volume 1:2007 (informational version), Digital Transmission Content Protection Specification Volume 1

DTCP Volume 1 Supplement E:2007 (Informational Version), Mapping DTCP to IP

DTCP Adopter Agreement, Digital Transmission Content Protection License Agreement, DTLa
http://www.dtcp.com/