



LETTER

SOURCE: DVB-CPT Content Protection technical group
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TO: JTC 1 DCMP
Dr Lin Gao, JTC 1 DCMP convenor, gaolin@cesi.ac.cn

Dear Dr Lin Gao,

The Digital Video Broadcasting (DVB) project has been informed by some of its members of the study mission on Digital Content Management and Protection initiated by JTC 1. DVB has developed and ETSI has standardized an interoperable content protection system that we believe should be considered by the JTC 1 Study Group on Digital Content Management and Protection.

The DVB Project is an industry-led consortium of over 280 broadcasters, manufacturers, network operators, software developers, regulatory bodies and others in over 35 countries committed to designing open interoperable standards for the global delivery of digital media services. Services using DVB standards are available on every continent with more than 220 million DVB receivers deployed.

The DVB project has developed a system for Content Protection & Copy Management (CPCM) of commercial digital content delivered to consumer products and home networks. CPCM manages content usage from acquisition into the CPCM system until final consumption, or export from the CPCM system, in accordance with the particular usage rules of that content.

Possible sources for commercial digital content include broadcast (e.g., cable, satellite, and terrestrial), Internet-based services, packaged media, and mobile services, among others. CPCM is intended for use in protecting all types of content - audio, video and associated applications and data.

CPCM provides specifications to facilitate interoperability of such content after acquisition into CPCM by networked consumer devices for both home networking

and remote access. A distinguishing feature of CPCM is its ability to bind content to a household's collection of devices, which CPCM calls the Authorized Domain.

The following CPCM Specification elements published in this second revision of Blue Book A094 form the complete set of core elements of the CPCM system:

- Part 1: CPCM Abbreviations, Definitions and Terms (normative)
- Part 2: CPCM Reference Model (normative)
- Part 3: CPCM Usage State Information (normative)
- Part 4: CPCM System Specification (normative)
- Part 5: CPCM Security Toolbox (normative)
- Part 6: CPCM Security Test Vectors (informative)
- Part 7: CPCM Authorised Domain Management (normative)
- Part 8: CPCM Authorised Domain Management scenarios (informative)
- Part 9: CPCM System Adaptation Layers (normative)
- Part 10: CPCM Acquisition, Consumption and Export Mappings (normative)

These 10 parts have also been published by ETSI as Technical Specifications 102 825-1 to 102 825-10.

The following CPCM Specification element published Blue Book A129 explains what a CPCM Compliance Regime is expected to achieve:

- Part 13: CPCM Compliance Framework (informative)

DVB bluebooks are publicly available on the DVB website at <http://www.dvb.org/technology/standards/index.xml#content>.

The DVB project respectfully requests that the JTC 1 Study Group on Digital Content Management and Protection consider DVB-CPCM. We would be pleased to provide JTC 1 Study Group on DCMP with any further information and would welcome any comments or feedback.

Best Regards

Alain Durand

DVB TM-CPT Chair

26th May 2009