

Appendix: Abbreviations—Acronyms

AAC	Advanced Audio Coding
AACS	Advanced Access Content System
AACS-LA	Advanced Access Content System Licensing Authority
ACTA	Anti-counterfeiting Trade Agreement
AES	Advanced Encryption Standard
AKE	Authenticated Key Exchange
API	Application Programming Interface
APS	Analog Protection System
ATR	Answer To Reset
ATSC	Advanced Television Systems Committee
B2B	Business-to-Business
B2C	Business-to-Consumer
BBS	Bulletin Board System
BD	Blu-ray Disc
BOPA	Break-Once Play-Always
BPDG	Broadcast Protection Discussion Group
C&R	Compliance and Robustness
C2C	Consumer-to-Consumer
CA	Certificate Authority
CA2DRM	Conditional Access to Digital Rights Management
CAS	Conditional Access System
CBC	Cipher Block Chaining
CC	Common Criteria
CCI	Copy Control Information
CD	Compact Disc
CD-A	Compact Disc Audio
CE	Consumer Electronics
CEK	Content Encryption Key
CGMS	Copy Generation Management System
CMLA	Content Management License Administrator
CPCM	Content Protection and Copy Management

CPPM	Copy Protection for Prerecorded Media
CPRM	Copy Protection for Recordable Media
CPSA	Content Protection System Architecture
CPTWG	Copy Protection Technical Working Group
CPU	Central Processing Unit
CRL	Certificate Revocation List
CSS	Content Scramble System
CTR	Counter mode
CW	Control Word
DCAS	Downloadable Conditional Access System
DCI	Digital Cinema Initiative
DCP	Digital Cinema Package
DCT	Discrete Cosine Transform
DDL	Direct Download
DECE	Digital Entertainment Content Ecosystem
DES	Data Encryption Standard
DFT	Discrete Fourier Transform
DLL	Dynamic Link Library
DMCA	Digital Millennium Copyright Act
DMP	Digital Media Project
DPA	Differential Power Attack
DPRL	Digital Property Rights Language
DRL	Digital Rights Locker
DRM	Digital Rights Management
DTA	Differential Timing Attack
DTCP	Digital Transmission Content Protection
DTLA	Digital Transmission Licensing Administrator
DVB	Digital Video Broadcast
DVB-CI	DVB Common Interface
DVB-CIT	DVB Common Interface Technical group
DVB-CPT	DVB Copy Protection Technical group
DVB-CSA	DVB Common Scrambling Algorithm
DVD	Digital Versatile Disc
DVD-CCA	DVD Copy Control Association
DVI	Digital Video Interface
DVR	Digital Video Recorder
DWT	Discrete Wavelet Transform
ECB	Electronic Code Book
ECC	Error Correcting Code or Elliptic Curve Cryptography
EC-DH	Elliptic Curve Diffie–Hellman
EC-DSA	Elliptic Curve Digital Signature Algorithm
ECM	Entitlement Control Message
EEPROM	Electrical Erasable Programmable Read-Only Memory
EFF	Electronic Frontier Foundation
EMM	Entitlement Management Message

EST	Electronic Sell-Through
EULA	End-User License Agreement
FCC	Federal Communications Commission
FIB	Focused Ion Beam
FTA	Free to Air
GPL	Gnu Public License
GSM	Global System for Mobile Communications
GUID	Generic User ID
HD	High Definition
HDCP	High-Bandwidth Digital Content Protection
HDMI	High-Definition Multimedia Interface
HMAC	Hash-Based Message Authentication Code
HSM	Hardware Security Module
IDP	Interoperable DRM Platform
IFPI	International Federation of the Phonographic Industry
IIS	Internet Information Services
IPMP	Intellectual Property Management and Protection
IRC	Internet Relay Chat
IRL	Interoperable Rights Locker
ISP	Internet Service Provider
IT	Information Technology
IV	Initialization Vector
KDM	Key Delivery Message
KID	Key Identifier
LAN	Local Area Network
MAC	Message Authentication Code
MKB	Media Key Block
MMS	Multimedia Message System
MPAA	Motion Picture Association of America
NEMO	Networked Environment for Media Orchestration
NIST	National Institute of Standards and Technology
NSA	National Security Agency
NSP	Network Service Provider
OCAP	Open Cable Application Platform
OCSP	Online Certificate Status Provider
ODRL	Open Digital Rights Language
OEM	Original Equipment Manufacturer
OMA	Open Mobile Alliance
OOB	Out-of-Band
OSI	Open Systems Interconnection
OTT	Over-the-Top
P2P	Peer-to-Peer
PCMCIA	Personal Computer Memory Card International Association
PGP	Pretty Good Privacy
PIFF	Portable Interoperable File Format

PIN	Personal Identity Number
PKCS	Public-Key Cryptography Standards
PKI	Public-Key Infrastructure
POD	Point of Deployment
PPV	Pay per View
PRNG	Pseudo-random Number Generator
PROM	Programmable Read-Only Memory
PUF	Physical Unclonable Function
PVR	Personal Video Recorder
QOS	Quality of Service
RAM	Random-Access Memory
RDD	Rights Data Dictionary
REL	Rights Expression Language
RIAA	Recording Industry Association of America
RPM LP	Revolutions per Minute Long-Playing
ROAP	Rights Object Acquisition Protocol
ROM	Read-Only Memory
RTT	Round-Trip Time
SAC	Secure Authenticated Channel
SACD	Société des Auteurs et Compositeurs Dramatiques
SD	Standard Definition
SDK	Software Development Kit
SDMI	Secure Digital Music Initiative
SIM	Subscriber Identity Module
SMPTE	Society of Motion Picture and Television Engineers
SMS	Subscriber Management System
SoC	System-on-Chip
SPA	Simple Power Attack
SPDC	Self-protecting Digital Content
SRM	System Renewability Message
SRTT	Secure Round-Trip Time
SSL	Secure Socket Layer
STA	Simple Timing Attack
STB	Set-Top Box
STTL	Secure Time to Live
TCG	Trusted Computing Group
TNT	Télévision Numérique Terrestre
TOC	Table of Contents
TPM	Trusted Platform Module
TTL	Time to Live
UCPS	Unified Content Protection System
UGC	User-Generated Content
UMTS	Universal Mobile Telecommunication System
URL	Universal Resource Locator
USB	Universal Serial Bus

uuid	Universally Unique Identifier
UV	Ultraviolet
VHS	Video Home System
VOD	Video-on-Demand
VPN	Virtual Private Network
WAN	Wide-Area Network
WHDI	Wireless High-Definition Interface
WIPO	World Intellectual Property Organization
WMDRM	Windows Media DRM
XrML	eXtended rights Markup Language

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