Glossary

Glossary of RDK Terms and Abbreviations

Abbreviation/Acronym	Description
A2DP	Advanced Audio Distribution Profile
AAAA	Quad A DNS resource records to hold IPv6 addresses
AAC	Advanced Audio Coding
AAMP	Advanced Adaptive Media Player - AAMP is an application which uses gstreamer to present IP Video Streams
ABR	Adaptive Bit Rate
ABR/ABS	Adaptive bitrate streaming or ABR streaming, sometimes shortened to ABS, is a technique for dynamically adjusting the compression level and video quality of a stream to match bandwidth availability. Older video streaming approaches relied on distributing a fixed bitrate video stream. Both HLS and DASH are ABR based
Abstraction (Architecture concept)	Well-defined, idealized interface, intended to reduce complexity of layered software systems
AC3	Audio Coding 3
ACL	Access Control List
ACR	Alternate Content Router
ACS	Auto-Configuration Server
ADM	Ad Decision Manager/Advertising Manager
ADS	Application Discovery Service
ADSG	Advanced DOCSIS Settop Gateway
AES	Advanced Encryption Standard
AKE	Authentication and Key Exchange
ALG	Application Layer Gateway
AMR	Asynchronous Message Router
AMS	Ad Management Service
ANQP	Access Network Query Protocol
AP	Access point
APDU	Application Protocol Data Unit
API	Application Programming Interface
App Store (concept within RDK)	A pre-integrated platform of apps available for Operators using the RDK-V platform
ARFCN	Absolute Radio Frequency Channel Number

ARP	Address Resolution Protocol
ASP	Advanced Support Program
ATK	Accessibility Toolkit
ATSC	Advanced Television Systems Committee standards. A set of standards developed by the Advanced Television Systems Committee for digital television transmission over terrestrial, cable, and satellite networks.
AVE	Adobe Video Engine
AVR CP	Audio/Video Remote Control Profile
AVS	Amazon Voice Server
AWG	Advanced Wireless Gateway
AWS	Amazon Web Services
Badger	aka $badger, a JavaScript UX library built by OTTX
BLE	Bluetooth Low Energy
BOWS	Business Object Web Service, provisions XSCT to authorize playback
Brctl	bridge Control
BSP	Board Support Package
BSS	Business Support Systems
BSSID	Basic Service Set Identifier
CAM	Cable Access Module/Content Access Manager
CANH	Conditional Access Network Handler for OCAP
CAS	Conditional Access Server (or System)
CAT	Conditional Access Table
CATV	Community Access TV
CBR	Commercial Business Router
CCAP	Converged Cable Access Platform - combined CMTS and edge QAM requirements driven partially by space and power efficiency but this also assists with a gradual migration to all IP delivery
CCI	Copy Control Information
CCSP	Common Component Software Platform
CCTV	Closed Caption Television
CDAI	Client side DAI (Dynamic Ad Insertion)
CDC	Connected Device Configuration
CDM	Content Decryption Module. The term comes from the Encrypted Media Extensions Specification (EME). This is a clientside component that provides content protection services to an application, such as generating license requests and performing decryption.
CDN	Content Delivery Network (also known as Infinity Phase 2 and CCDN)
cDVR	Cloud DVR. The system that allows customers to view DVR-recorded programs from any IP device such as a computer, phone, or tablet. Digital video recording service via the cloud. Video Compression reduces the data used to encode digital video content. This reduction in data translates to benefits such as smaller storage requirements and lower transmission bandwidth requirements, for a clip of video content
CE	Customer Edge
CEA-608	Standard for Closed Captioning for NTSC TV Broadcast
CEA-708	Standard for Closed Captioning for ATSC digital television stream
CEDIA	Custom Electronic Design and Installation Association
CEDM	Content Encryption Decryption Module

Cellular based (4G/LTE, 5G)	Wireless transport method of delivering data (including OTT video) via existing cellular infrastructure for fixed residential use
CEP	Cable Entry Point
CHAP	Challenge Handshake Authentication Protocol
CHILA	The CableCARD Host Interface Licensing Agreement (CHILA) restricts the technologies that CE companies may use for distributing video from host devices.
CID	Content Identifier
CIF	Common Intermediate Format (CIF) is a DASH-like manifest format used to describe the elements, attributes, and values of a transport stream.
CIFS	Common Internet File System
CIM	Component Interface Module
CLD	Color layout descriptor – frame fingerprint. Used in ACR
CLI	Command Line Interface
CM	Cable Modem
CMF	Code Management Facility
CMTS	Cable Modem Termination Systems
CNR	Carrier to Noise Ratio
COAM	Customer owned and maintained
Cobalt	The codename for the native YouTube app
COM	Component Object Model
Compositor	Window and input manager
COSA	Cisco Open Source Architecture
CPC	Client Platform Components
CPE	Customer premise equipment CPE
CR	Component Registrar
CRLs	Certificate Revocation Lists
CRUD	Create, Read, Update, and Delete
CSP	Communications Service Providers
CSR	Customer Service Representative
CWMP	CPE WAN Management Protocol
DAC	Digital-to-Analog converter / Digital Addressable Controller
DAI	Dynamic Ad Insertion
DASH	Dynamic Adaptive Streaming over HTTP
DBS	Direct Broadcast Satellite. Primarily a *video* delivery method directly to end users via Satellite, but data can be sent as well.
DCA	Data Collection and Analysis
DCM	Device Configuration Manager
DCS	Dynamic Channel Selection
DDNS	Dynamic Domain Name System

Demuxer	De-multiplexer
DES	Data Encryption Standard
DFS	Dynamic Frequency Selection
DHCP	Dynamic Host Configuration Protocol
DIAL	Discovery and Launch
DLNA	Digital Living Network Alliance
DLNA CVP-1	DLNA Commercial Video Player
DMCLI	Database Manager Command Line Interface
DML	Data Model Management Layer
DMP	Digital Media Player. This is a DLNA-compliant client device.
DMS	Digital Media Server. This is a DLNA-compliant server device.
DNCS	Digital Network Control System - The Cisco Head End main component used by MSOs to provide network services to their customers.
DNS	Domain Name System
DOCSIS	Data Over Cable Service Interface Specifications
Dolby MS11	Dolby Multi Stream Decoder
DPoE	Docsis Provisioning of EPON
DPP	Device Provisioning Protocol
DRM	Digital Rights Management
DRM	Digital Rights Management - A system for ensuring that content owners' rights are protected for media that is streamed or delivered to clients.
DS	Device Settings
DSCP	Differentiated Services Field Codepoints
DSL	Digital Subscriber Line
DSLAM	Digital Subscriber Line Access Multiplexers
DS-Lite	Dual Stack Lite
DTCP	Digital Transmission Content Protection
DTCP-IP	Digital Transmission Content Protection over IP. It provides authentication keys, encryption, copy and usage information to help protect digital assets as they are transmitted over IP networks.
DTS	Digital Theater Sound
DUT	Device Under Test
DVB	Digital Video Broadcast(ing)
DVS	Descriptive Video Services
E2E	End To End
EAP	Extensible Authentication Protocol
EAS	Emergency/Electronic Alert System. A system designed to inform subscribers that a national emergency is taking place. Also used for local weather alerts.

Easy Mesh	Effort with the goal of a standardization spec intended to allow broadband devices to interoperate within a single mesh network from different manufacturers
ECB	Ethernet to Coax Bridge
ECM	Entitlement Control Message
EDID	Extended Display Identification Data
E-EMI	Extended Encryption Mode Indicator
eEP	embedded End Point
EGL	Native Platform Graphics Interface
EIT	Event Information Table
ELAN	Ethernet private LAN
EME	EME Stands for "Encrypted Media Extensions Specification" and it is specified in the context of web browser.
eMG	embedded Media Gateway
EMI	Encryption Mode Indicator
EMM	Entitlement Management Message. A message sent from the CASMR to a DTA to tell the DTA that a service is authorized or unauthorized.
Emulator	x86 based implementation of the RDK software stack.attempts to simplify the process of working with the RDK software stack without the need for a reference hardware platform.
Entitlement service	Provides three primary functions to determine a customer's rights to receive a service or asset: Entitlement topic data Definition and implementation of business rules related to the entitlement decisions Processing and determination of entitled events.
EOS	End Of Stream
EPG	Electronic Program Guide
EPON	Ethernet Passive Optical Network
EPS	Evolved Packet System
eRT	embedded Router
eSAFE	embeddedService/ApplicationFunctional Entities
Essos	Abstraction that allows for easy implementation of a compositor
ETV	Enhanced TV
E-UTRAN	Evolved Universal Terrestrial Radio Access network
EWAN	Ethernet WAN
FA	Fallback Authentication
FEC	Forward Error Correction - most commonly used in connection with DOCSIS where variable outside plan conditions make robust error detection and correction essential.
FKPS	Field Key Provisioning System, source of truth for device identity
FLAPI	Flex API, middleware that sits between Flex & various TPX APIs
Flash Access™	A technology for delivering secure, authorized and content-protected media across a network to a large number of devices. FlashAccess that can be licensed from Adobe Systems
Flex UI	Shorthand for the Flex Content Discovery UI, which is the main user interaction point, aside from watching video in an app
Fog	Local IP buffer for time shifting IP Linear content.
FOG	Module for buffering linear streaming.
FPD	Front Panel Display

FPS	Frames Per Second
FQDN	Fully Qualified Domain Name
FTP	File Transfer Protocol
FTUE /OOB EGst ream er	First-time user experience / Out-of-box Experience, i.e. Initial set up UX
FWA	Fixed Wireless Access
GAP	Global application platform
GAS	Generic Advertisement Service
Gate way	A device that provides services between two networks. Typical RDK gateways are located in the customer premises, providing services to the devices within the home.
GDPR	General Data Protection Regulation
git	The git source code repository - see SVN
GLIB	An open source cross-platform library developed and maintain by the GNOME project that provides APIs for data structures, threaded programming primitives, and IO functions
GLIBC	A GNU Implementation of the standard C Library
GOP	Group of Picture used in MPEG2/4 Video data
GPIO	General Purpose Input/Output
GPON	Gigabit-capable Passive Optical Network
GRE	Generic Routing Encapsulation
GSM	Global System for Mobile Communications
Gstre amer	Audio & video pipeline framework used to decode video for playback
GUI	Graphical User Interface
GwPr ov	Gateway Provisioning
HAL	Hardware Abstraction Layer
Ham mer	OTTX JavaScript experience library (subsumes $badger)
HAT	Hardware Attached on Top
HDCP	High Definition Content Protection
HDKb	HTTP Dynamic Streaming Broadcast SDK
HDMI	High Definition Multimedia Interface
HDR	High Dynamic Range - In regards to consumer displays, 4K generally equates to a 3840x2160-resolution panel. This means the typical 4K screen will offer 3,840 horizontal pixels and 2,160 vertical pixels. When you multiply these numbers together, you get a panel with more than 8 million pixels. This is four times the pixel density of a traditional 1080p HD panel.
HDS	HTTP Dynamic Streaming
HDTV	A digital television standard with four to six times the picture resolution of analog TVs. HDTV, standardized by the Advanced Television Systems Committee in 1996, doubled both vertical and horizontal resolution of analog TV displays, and added CD-quality, digital sound.
Head less Gate way	A gateway device that does not provide local a UI.
HEVC	High Efficiency Video Coding
HID	Human Interface Device

HLD	High Level Design
HLS	HTTP Live Streaming
HMAC	Hash-based message authentication code
HNAP	Home Network Administration Protocol
HRV	Host Reset Vector
HS	Home Security
HSS	Home Subscriber Server
HSD	High Speed Data
HTML5	Web-based technology allowing for the playback of video/audio/apps without specific development for the platform usedAbstraction (Architecture concept)
HTTP	Hypertext Trasmission Protocol - the protocol used by Web servers and Browsers on the Internet
HTTPS	HTTP over SSL - Secure transmission of HTTP that uses th Secure Sockets Layer.
IARM	Inter-Application Resource Manager. This is the main system bus for Events and Messages in the RDK platform. It implements a Publish-and-Subscribe metaphor.
ICC	Interface Controller Card
ICCID	Integrated Circuit Card Identifier
ICMP	Internet Control Message Protocol
IDL	Interface Definition Language
IDS	Intrusion Detection System
IGD	Internet Gateway Device Protocol
IMEI	International Mobile Equipment Identity
IGMP	Internet Group Management Protocol
IMSI	International Mobile Subscriber Identity
IoT	Catch-all term for every day devices that can now be internet-connected
IPC	Interprocess Communication
IPP	Internet printing protocol.
IPPV	Impulse Pay-Per-View
IPsec	Internet Protocol Security
IPTV	Internet Protocol television. Generally, IPTV is a system that uses Internet protocols to render audio and video. The finer details can change depending on who's using the term. Web nerds who refer to IPTV are usually talking about Web video. In that case, IPTV is a synonym for broadband, streaming, and wireless video. (All About IPTV).
ISP	Internet Service Provider
IUCC	IMSI(International Mobile Subscriber Identity) Unauthenticated Ciphering key
Java	A portable, object-oriented programming language originally developed by Sun MicroSystems. Java programs are executed inside a JVM.
JSON	JavaScript Object Notation
JSPP	JavaScript Player Platform
JVM	Java Virtual Machine. A software container for running Java programs.
L2TP	Layer Two Tunneling Protocol
L2VPN	Layer 2 Virtual Private Network
LDAP	Lightweight Directory Access Protocol
LED	Light Emitting Diode

LIBM M	Library for Mobile Modems
Light ning	JavaScript visualization framework, aka lng
Light ning SDK	Set of components built in Lightning
LLDA SH	Low Latency DASH. Initiative/Product feature to improve the stream playback as close to the live (~5sec)
LLID	Logical Link Identifier
LM	LAN Manager
LPA	Local Profile Assistant
lng	Lightning framework
LSA	Linear Segment Advertising
LSB	Linux Standard Base
LTE	Long Term Evolution
LTSID	Local Transport Stream IDentifier
LXC	Linux Containers
MAF	Media Analytics Framework
MAF	media analytics framework
MBIM	Mobile Broadband Interface Model
MBS FN	Multicast-Broadcast Single Frequency Network
MCC	Mobile Country Code
MCS	Modulation and Coding Scheme
MD5	Message Digest 5
MDC	Multicast Data Client
MDD	MAC Domain Descriptor
MIB	Management Information Base
MIMO	MDD IP Mode Override
MLD	Multicast Listener Discovery
MM	Mobility Management
MME	Mobility Management Entity
MNC	Mobile Network Code
MNO	Mobile Network Operator
MoCA	Multimedia over Coax Alliance, MoCA is a standards organization that supports a technology to provide the backbone for home digital entertainment networks.
Mode m– port mant eau of "Mod ulator /Dem odula tor"	Device located at the customer premise to connect local LAN to RF modulated access network. Provides the actual connection to the outside internet.
MP1	MPEG-1 AudioLayer I, commonly abbreviated to MP1

MPE G2TS	MPEG2 Transport Stream
MPE G-TS	Motion Pictures Expert Group Transport Stream
MPTS	Multi Program Transport Stream
MSE	Media Source Extension
MSE /EME	EME is based on the HTML5 Media Source Extensions (MSE) specification, which enables adaptive bitrate streaming in HTML5 using e.g. MPEG-DASH with MPEG-CENC protected content.
MSIS DN	Mobile Station International Subscriber Directory Number
MSO	Multi system operator-Industry term indicating a cable provider that owns and operators more than one system or group of systems.
MSM	Mobile Station Modem
MTA	Media Terminal Adapter
MTBF	Mean Time Between Failure
MTU	Maximum Transmission Unit
MVP	Minimum Viable Product
MVPD	Multichannel video providers
NAS	Network Attached Storage / Non-Access Stratum
NAT	Network address translation
Native Application	Typically an application which is written for the operating system of a receiver (set-top-box) rather than the middleware standard that may also be running on the receiver. ETV User Agents are implemented as native applications. (Source: Unisoft) . What is a Native App?
NB	Northbound
NC	Network Coordinator
NCS	Network Call Signalling
nDVR	Network-Based Digital Video Recording
NIT	Network Information Table. The Table ID extension is used to identify the available transmission networks together with a directory listing of transport streams and their originating network operator with descriptors listing the modulation and source of those streams.
NMS	Network Management System
NP	Network Processor
NTP	Network Time Protocol
NTS	Near Term Storage
NTT	Network Text Table
NVM	Non-Volatile Memory
NVOD	Near Video On Demand
NVR AM	Non-Volatile Random Access Memory
OAM	Operations, Administration and Maintenance
OAM &P	Operations, Administration, Maintenance and Provisioning
OCAP	Open Cable Application Platform for delivering applications and services on an RF network.
OCA P-RI	OpenCable Application Platform Reference Implementation
OCDM	Open Content Decryption Module

OCF	Open Connectivity Forum
OCI	Operations Chronic Issue
ODID	On Demand (session) Identification
OEM	Original Equipment Manufacturer. An OEM manufactures devices that may be sold in the market under a variety of brand names.
OFDM	Orthogonal Frequency Division Multiplexing
OIC	Open Interconnect Consortium
OID	Object Identifier
OLT	Optical Line Terminal
ONT	Optical Network Termination
ONU	Optical Network Unit
ONUID	Unique physical ONU identification number
OOB	Out-Of-Band
OOBE	Out of box experience, see FTUE
OP	Operating Procedure (Management System)
Open GL	Open Graphics Library - A low-level graphics toolkit that allows lines, shapes, text and other basic graphics elements to be rendered on screen.
Open GL /ES	OpenGL for Embedded Systems- a subset of OpenGL designed for embedded systems.
Open CDM	Open Content Decryption Module
Open CDN	A multi-site CDN implementation utilizing cache servers in strategic locations
Open Sync	Carrier-grade open-source software acting as the connection between in-home hardware devices and the cloud managing them.
OpEx	Operations Expenditure
ORC	Orchestration
OSD	On Screen Display/Diagnostic
OSMF	Open Source Media Framework
OSP	Online Services Platform
OSS	Open-Source Software
OSS	Operational support systems
OSU	Online Sign up
OTA	Over the Air
Other user-apps	Smarthome, Network apps, Account management apps
OTT	Over The Top
OUI	Organizationally Unique Identifier
OWASP	Open Web Application Security Project
P2P	Peer-to-Peer
PA	Protocol Agent as in Snmp PA and TR069 PA
PAN	Personal Area Network as specified in IEEE 802.15.4
PAP	Password Authentication Protocol

PandM	Provisioning And Management
PAR	Performance, Availability, Reliability
PAT	Program Association Table
PCM	Pulse Code Modulation
PCP	Protected Content Packet
PCR	Program Clock Reference
PDN	Packet Data Network
PDU	Power Distribution Unit
PE	Provider Edge
PES	Packetized Elementary Stream per [ISO/IEC 13818-1]
PGM	Pragmatic General Multicast / Pretty Good Multicast
PGW	Packet Data Network Gateway
PHY	Physical Layer
PID	Program (or Packet) Identifier per [ISO/IEC 13818-1]
PII	Personally Identifiable Information (e.g. email address). This is information for which some form of security proceedures or cautions should probably be taken. This information can occasionally be encrypted at rest.
PING	Packet InterNet Groper
PKCS	Public-Key Cryptography Standard
Play Read y™	A DRM technology framework that can be licensed from Microsoft for streaming media using Digital Rights Management.
PLMN	Public Land Mobile Network
PMT	Program Map Table
POD	Password Of the Day
PoE	Power over Ethernet
PON	Passive Optical Network
PPP oE	Point-to-Point Protocol over Ethernet
PPTP	Point-To-Point Tunneling Protocol
PPV	Pay-Per-View
PR	Package Release (Yocto)
Prem ium apps	RDK-V implemented user-apps that allow for the playback of content from said subscription and free services
PSC	Packaging Scripts
PSI	Program Specific Information
PSM	Persistent Storage Manager
PSN	Processor Serial Number
PTS	Presentation Time Stamp
PVID	Port VLAN identifier
QA	Quality Assurance
QAM	Quadrature Amplitude Modulation - a QAM is used to convert a digital singal into an analog RF (radio Frequency) signal for transmission on a cable network.
QEM	Original Equipment Manufacturer

QMUX	QMI Multiplexing
QOS	Quality of Service
QPSK	Quadature Phase-Shift Keying - A digital modulation technique which changes the phase of the reference signal or carrier wave using four phases. US cable headends often use QPSK modulation for the out-of-band channel.
Qt (" Cute")	An open source, widely used windowing famework used by the RDK
RADD	Remote Addressable DANIS (Digital Addressable Network Interface Server) DLS (Download Server)
RADIUS	Remote Authentication Dial-In User Service
RAT	Radio Access Technology
RBI	Receiver Based Insertion
RCDL	RDK Code Download
RCS	Regional Control System
RDK	Reference Design Kit
RDK Central	The publicly available website for RDK
RDK Shell	Window manager
RDK Wiki	A wiki for RDK developers to access RDK related information, support, forums and content.
RDM	Remotely downloadable module
Resident App	The "main" app that RDK runs on launch. Handles initialization flows, acts as an app manager, and provides system-wide UIs such as settings, etc.
REST	Representational State Transfer
RF4CE	Radio Frequency for Consumer Electronics
RFC	Remote Feature Control
RG-FWA	Residential Gateway-Fixed Wireless Access
Rialto	video player
RIB	Routing Information Base
RIP	Routing Information Protocol
RMF	RDK Media Framework
RMF Media Strea mer	Component of RMF
RMNET	Remote Network Driver Interface Specification
RMS	Reboot Management System
RNE	RDK Native Environment SDK (RNE) is intended to provide a development environment for applications targeted to run in RDK environment
Router	Routes data between the modem's outside connection (WAN), within the home (LAN)
RPC	Remote Procedure call
RPD	Routing protocol process
rpi	Raspberry Pi. Commercial off the shelf - Open-source, Linux-based single board micro-computer with a low price point

RR	Radio Resource
RSRP	Reference Signal Received Power
RSRQ	Reference Signal Received Quality
RSSI	Relative Signal Strength Indicator
RTCP	Real Time Control Protocol
RTE	Real Time Encoding
RTP	The Real-time Transport Protocol (RTP) defines a standardized packet format for delivering audio and video over the Internet. RTP is used extensively in communication and entertainment systems that involve streaming media, such as telephony, video teleconference applications and web-based push to talk features. For these it carries media streams controlled by H.323, MGCP, Megaco, SCCP, or Session Initiation Protocol (SIP) signaling protocols, making it one of the technical foundations of the Voice over IP industry.RTP is usually used in conjunction with the RTP Control Protocol (RTCP). While RTP carries the media streams (e.g., audio and video) or out-of-band signaling (DTMF), RTCP is used to monitor transmission statistics and quality of service (QoS) information. When both protocols are used in conjunction, RTP is usually originated and received on even port numbers, whereas RTCP uses the next higher odd port number.
RTSP	Real Time Streaming Protocol (RTSP) is a network control protocol for use in entertainment and communications systems to control streaming media servers. The protocol is used to establish and control media sessions between end points. Clients of media servers issue VCR-like commands, such as play and pause, to facilitate real-time control of playback of media files from the server.
RUI	Remote User Interface
SAM	Service Activation Model
SAP	Secondary Audio Programming
SAS	Service Activation System
SAT	Site Acceptance Test
SAX	Simple API for XML
SB	Southbound
SCM	Set-top Configuration Manager
SCTE	Society of Cable Telecommunications Engineers
SCTE 35	ad replacement standard for linear and ABR formats
SDK	Software Development Kit
SDS	Software Design Specification
SDTV	Standard Definition Television
SDV	Switched Digital Video
SEM	SmartStream Encryptor Modulator
SFP	Stream Flight Planner
SG	Service Group
SGW	Serving Gateway
Shaka	popular web based media player – used for A-B tests with AAMP
SHO	Super Hub Office
SI	System Information
SIK	Self Install Kit
SIP	Session Initiation Protocol
SLA	Service Level Agreements
SLE	Single live event. Streaming of a live event like football game, which can later become VOD
SM	Service Manager
SMA	SubMiniature version A

SMB	Small To Medium-Sized Businesses
SNMP	Simple Network Management Protocol is an Internet-standard protocol for managing devices on IP networks.
SNR	Signal Noise Ratio
SOA	Start Of Authority - a type of record in a DNS
SOAP	Simple Object Access Protocol
SoC	System On Chip - Embedded Hardware providing the basis for OEMs to build devices – RDK-V, B and C
SPP	Serial Port Profile
SPTS	Single Program Transport Stream
SRM	Session and Resource Manager
SSH	Secure Shell - a UNIX-like command shell that uses SSL to encrypt all the network traffic for secure access to a command line on a remote server.
SSID	Service Set Identifier
SSL	Secure Sockets Layer - A common technology used to encrypt network traffic for tramsission over TCP/IP networks.
SSP	Synchronous Serial Port
Stable Release	As RDK develops, quarterly releases will branch. Each release branch will be designated into release candidates.
STB	Set-Top Box
STC	System Time Clock
Storm	Automated testing framework for WPE devices
STP	Spanning Tree Protocol
STT	System Time Table
STUN	Session Traversal Utilities through Network Address Translators (NATs)
Subtec	subtitles rendering app
SVC	Sub-Band Coding
S-VCT	Short-form Virtual Channel Table
SVN	The Subversion (Source Code Repository) - see git
SVP	Secure Video Path
TAD	Test And Diagnostic
TCP/UDP	Transmission Control Protocol/ User Datagram Protocol
TCs	Test Cases
TDK	One Test Engine to test all flavors of RDK. Component testing and Interface testing of RDK Modules, Integration testing of generic RDK scenarios.
TDM	Test And Diagnostic Manager/Time Division Multiplexing
TFTP	Trivial File Transfer Protocol
Thor	Comprehensive Flex JS experience layer, includes Lightning, Hammer, and other APIs
Thunder	Native C application framework from WPE, with a native plugin model for customization
Thunder Plugins	A collection of bundled plugins that come with WPE

Thun der.js	JavaScript API façade to the native Thunder APIs
Title VI	Title Six calls for Closed Captioning of Public Service announcements. This is typically a transcription of the audio portion of a program.
TKIP	Temporal Key Integrity Protocol
TLS	Transport Layer Security
TOS	Type of Service
TR-069	Defines an application layer protocol for remote management of end-user devices (or) A protocol messaging system for communication between cloud server and client devices
TR-181	Device data model used by protocols such as TR-069 and WebPA to communicate telemetry
Trick Play	Trick Play or Trick Mode refers to standard user playback actions coming from a viewer's remote control. Fast-forward (FF), REwind (RW), Pause, etc.
Tru2 Way	Interactive digital cable services delivered over the cable video network. Tru2way is sometimes called OCAP.
TSB	time shift buffer
TTL	Time-to-live
TTML	Timed Text Markup Language
TTS	Text to Speech
TTS	TransportStream Time Stamp
UART	Universal asynchronous receiver-transmitter
UICC	Universal Integrated Circuit Card
UIM	Universal Integrated Circuit Card [UICC] Interface Module
UIM	User Identity Module
UMTS	Universal Mobile Telecommunications System
UNI	User Network Interface
UPnP	Universal Plug and Play. This is a network protocol for broadcasting and discovering services on the network. It allows devices to find services or ro announce that they are providing services.
URI	Uniform Resource Identifier - a compact string of characters for identifying an abstract or physical resource.
USG	UniFi Security Gateway
UTC	Coordinated Universal Time, Unified Transaction Completion
UTF	Unicode Transformation Format
UVE	Unified Video Engine
UX	User Experience
VBN	Virtual Beta Network
VBR	Variable Bit Rate
VCN	Virtual Channel Number
vCPE	Virtual CPE
VEip	Virtual Ethernet interface point
VHO	Video Hub Office
Video Accel erator	Platform(s) to rapidly develop, test and Delivery with RDK
VLAN	Virtual Local Area Network

VOD	Video on demand. (VOD content) (IVOD) Instant video on demand
Voice-search and navigation	Voice-based interface for interacting with compatible STBs
VoIP	Voice Over Internet Protocol
VoLTE	Voice over LTE(Long Term Evolution)
VPC	Video Path Control
VPOP	View Primary Output Port
VQM	Video Quality Monitoring
VSS	Video System Services
w3c	W3C Consortium - An organization formed to develop common protocols to ensure interoperability and promote the World Wide Web. (Source: Unisoft)
Wayland	Specification protocol used by the compositor
WDS	Wireless Distribution System
WebDAV	Web-based Distributed Authoring and Versioning
WebPA	Web-based Protocol Agent
WebRTC	Web Real-Time Communication
WebVTT	Web Video Text Tracks Format
WECB	Wireless Ethernet Coax Bridge
WEP	Wired Equivalent Privacy
Westeros	Compositor based on Wayland
Westeros/Essos/Wayland	Graphics UI framework used in RDK
Weston	Compositor based on Wayland
WHiX	Wifi Happiness Index
Widevine	Widevine, as an opensource DRM solution, provides cost savings over Adobe DRM. Used with DASH.
WLAN	Wireless LAN
WMM	Wi-Fi Multimedia
WPA	Wi-Fi Protected Access
WPE	Web Platform for Embedded: Lightning, Thunder, WebKit Browser, Gstreamer, and Thunder Plugins
WPS	WiFi Protected Setup
WRP	Web Routing Protocol
WSS	Web Socket secure
WWAN	Wireless Wide Area Network

X11	X Windowing System
XConf	X1 Configuration Manager
XMPP	Extensible Messaging and Presence Protocol
YAJI	Yet Another JSON Iterator - an Open Source JSON parser used in the RDK Stack.