

# RDK Services For Video Accelerator

| RDK Services         | Mandatory | Dependencies / Remarks                                                                                                                          |
|----------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| ActivityMonitor      | No        |                                                                                                                                                 |
| AV Input             | No        |                                                                                                                                                 |
| Bluetooth            | Yes       |                                                                                                                                                 |
| Cobalt               | Yes       |                                                                                                                                                 |
| CompositeInput       | No        |                                                                                                                                                 |
| Continue watching    | No        |                                                                                                                                                 |
| Control Service      | Roadmap   | It is an open sourced service , will be a mandatory one in future when the the voice remote starts working .                                    |
| Controller           | Yes       |                                                                                                                                                 |
| Data Capture         | No        |                                                                                                                                                 |
| Device Diagnostics   | Yes       |                                                                                                                                                 |
| DeviceIdentification | Yes       |                                                                                                                                                 |
| DeviceInfo           | Yes       |                                                                                                                                                 |
| DisplayInfo          | Yes       |                                                                                                                                                 |
| DisplaySettings      | Yes       |                                                                                                                                                 |
| DTV                  | Optional  | Operator specific . Needed for Hybrid VA device.                                                                                                |
| FirmwareControl      | Yes       | Once RDK Xconf server is available, System service can be used for firmware upgrade and then firmware control service won't be a mandatory one. |
| FrameRate            | Yes       | Mandatory for RDK Certification Program.                                                                                                        |
| FrontPanel           | Optional  | Operator specific.                                                                                                                              |
| HDCPProfile          | Yes       |                                                                                                                                                 |
| HDMI Input           | No        |                                                                                                                                                 |
| HDMICEC              | Yes       |                                                                                                                                                 |
| HdmiCec_2            | No        |                                                                                                                                                 |
| HdmiCecSink          | No        |                                                                                                                                                 |
| LocationSync         | Yes       |                                                                                                                                                 |
| Logging Preferences  | Yes       |                                                                                                                                                 |
| Messenger            | Yes       |                                                                                                                                                 |
| Monitor              | Yes       |                                                                                                                                                 |
| MotionDetection      | No        |                                                                                                                                                 |
| Network              | Yes       |                                                                                                                                                 |
| OCIContainer         | Roadmap   | Dependency from DAC.                                                                                                                            |
| OpenCDMi             | Yes       |                                                                                                                                                 |
| Packager             | No        |                                                                                                                                                 |
| PersistentStore      | Yes       |                                                                                                                                                 |
| PlayerInfo           | Yes       |                                                                                                                                                 |
| RDKShell             | Yes       |                                                                                                                                                 |

|                       |          |                                                                             |
|-----------------------|----------|-----------------------------------------------------------------------------|
| Remote Action Mapping | No       |                                                                             |
| Screen Capture        | Optional | In RDK Certification perspective it is good to have screen capture service. |
| SecurityAgent         | Roadmap  | Mandatory service in future                                                 |
| State Observer        | No       |                                                                             |
| System                | Yes      |                                                                             |
| TextToSpeech          | Optional | Mandatory for Amazon Prime, Netflix in US based devices.                    |
| Timer                 | Yes      |                                                                             |
| TraceControl          | Optional |                                                                             |
| UsbAccess             | Optional |                                                                             |
| User preference       | Yes      |                                                                             |
| Warehouse             | Yes      |                                                                             |
| WebKitBrowser         | Yes      |                                                                             |
| WiFi                  | Yes      |                                                                             |
| Xcast                 | Yes      | Needed for for Dial implementation                                          |