



Stream & Download Platform

Mobile Compliant, HD Ready, Video Streaming & Download Platform

The Abdeus Stream & Download Platform is a carrier grade video streaming and download solution - specifically developed for the complex mobile market – to support mobile, desktop and IPTV. This solution delivers the experience end-users demand in the digital age!

»» Mobile

Mobile Video is a dangerous mine field of differing implementations, brands and software versions. The Stream & Download Platform was born to deliver a complete Mobile Video delivery platform specifically to this demanding industry.

The Stream & Download Platform supports over 500 specific Mobile device versions making it a leading delivery platform.

»» Full HD Ready

Why settle for solutions that only cater for one market: future-proof your investment by knowing that the Stream & Download Platform caters for everything from Mobile streaming through to Full HD IPTV video distribution.

»» Live Streaming

The ability to stream a live sports event or replicate a traditional broadcast is becoming vastly more important as the media industry trends this way.

This is where the Stream & Download Platform comes to the rescue, providing your organisation with the ability to distribute real-time video feeds to all of your viewers.

»» Video On Demand

In the same family as Live Streaming, Video On Demand allows your users to select the video they want – when they want it. Combine this with the ability to insert advertising and it opens up vast commercial models for digital video.

»» Download

The flip side to streaming is video download. This allows your customers to store the video on their device for multiple views.

The Stream & Download Platform offers Digital Rights Management, assisting content providers to manage the number of times clients can view content and restrict the ability to copy content to other devices.

»» Performance

The Stream & Download Platform is powerful and with a single server can deliver:

- In excess of 3,000 concurrent mobile video streams (depending on implementation)
- As many IPTV users as your network can cater to

Rest easy knowing that the Stream & Download Platform is built for enterprise:

- Proven in large Telco & media implementations
- Highly scalable, add new servers as needed
- Fault tolerant / highly available
- Allows for distributed geographical delivery

Supported Media:

Video Formats:

- 3GPP (3GP)
- MPEG-4 (MP4)
- Quicktime (MOV)

Video Compression:

- H.264
- H.263
- H.261

Audio Compression:

- AAC
- AMR
- MP3

Delivery:

- RTSP – RTP – RTCP
- HTTP
- TCP
- UDP
- Multicast

Device Support:

- 3GPP compliant handsets (approx. 500 unique user agents)
- iPhone
- Blackberry
- Realplayer
- Quicktime
- IPTV
- Other RTSP supported devices
- Windows, Linux, Mac

Infrastructure:

- Solaris 10 (Sparc/x86)
- Red Hat Enterprise Linux

»» Authorisation

Authorisation is the process by which the Stream & Download Platform interrogates a customer's platform to ensure the end client is authorised to stream a piece of content. This is a real-time process that takes place at stream initiation.

»» Billing

The Stream & Download Platform can natively create CDR's (Call Detail Record's) or a billing log to enable the customer to bill the end consumer appropriately based on actual content delivered.

»» Proof of Delivery

The Stream & Download Platform is able to contact an external system after content has been successfully delivered, therefore ensuring the customer is only billed if they have successfully downloaded content.

»» Active Stream Termination

Active Stream Termination is the process of terminating a stream on the basis of an event. Two common uses of this functionality:

- Terminate all live streams after a predefined period. This is often the implementation of a policy decision.
- Allow purchases of set periods of viewing time on video streams (eg. purchase 60 minutes of streaming).



Still Need Convincing?

Try it for yourself on your desktop or mobile phone: www.MediaDeliverySuite.com/demo



View the full details and specifications of Stream & Download Platform:

www.MediaDeliverySuite.com/sdp