QVidium QVAVC IP codec sends a H.264 video stream to a local Wowza server. The Wowza server translates the stream to Adobe Flash format. The CDN pulls the stream from the Wowza server. Users use a flash player usually embedded in a web browser to view the video from the CDN.

Legend
- H.264 Video stream
- Flash Video

QVidium IP Codecs
- QVAVC-HD, HD Encode, Digital I/O
- QVAVC-HD Lite, SD Encode, Digital I/O
- QVAVC-SD, SD Encode, Analog I/O

Wowza Media Server 2
http://www.wowzamedia.com

Windows/Mac/Linux
PC running Adobe Flash Player

QVidium Flash CDN Example
Co-locate QVidium QVARQ-Rx and 1 or more Wowza servers at a POP. The QVARQ-Rx receives an unicast stream using ARQ. Users use a flash player usually embedded in a web browser to view the video from the Wowza server.
QVidium IPTV Over The Internet

Co-locate QVidium QVARQ-Rx and 1 or more servers using QVARQ-TxRep-SDK at a POP. The QVARQ-Rx receives an unicast stream using ARQ, then 1 or more servers using QVARQ-TxRep-SDK send out multiple unicast streams with ARQ to Amino 130 Settop Boxes.

Legend:
- IP Multicast
- IP Unicast with ARQ

Amino 130 STB w/ QVidium ARQ

QVidium IP Codecs
- QVAVC-HD , HD Encode, Digital I/O
- QVAVC-HD Lite, SD Encode, Digital I/O
- QVAVC-SD , SD Encode, Analog I/O

QVidium QVARQ-Rx

QVidium QVARQ-TxRep-SDK

QVidium ARQ software license
- Amino 130 STB

Amino 130 STB
see http://www.amt.com/
QVidium Flash/IPTV Over The Internet

Co-locate QVidium QVARQ-Rx and 1 or more servers using QVARQ-TxRep-SDK at a POP. The QVARQ-Rx receives an unicast stream using ARQ, then 1 or more servers using QVARQ-TxRep-SDK send out multiple unicast streams with ARQ to Amino 130 Settop Boxes.

QVidium QVAVC IP codec sends a H.264 video stream to a local Wowza server. The Wowza server translates the stream to Adobe Flash format. The CDN pulls the stream from the Wowza server. Users use a flash player usually embedded in a web browser to view the video from the CDN.

Legend:
- H.264 Video stream
- IP Unicast with ARQ
- IP Multicast
- Flash Video
QVidium Media Distribution Over The Internet

Co-locate QVidium QVARQ-RxTx server at the POP. The QVARQ-RxTx server receives an unicast stream using ARQ, then sends out multiple unicast streams with ARQ to other QVidium Codecs.

QVidium IP Codecs
- QVAVC-HD, HD Encode, Digital I/O
- QVAVC-HD Lite, SD Encode, Digital I/O
- QVAVC-SD, SD Encode, Analog I/O
- QVSDI-11-IP, MPEG2 SD Encode, Digital I/O
- QVMP2C-1011, MPEG SD Encode, Analog I/O

QVidium QVARQ-RxTx
Video over IP Distribution Example

Legend
- IP Multicast with FEC
- IP Unicast with ARQ
- QVidium Media Servers
- Amino 130 STB

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