Specifications

Wowza software delivers market leading functionality, reliability and flexibility for streaming to any screen across a wide range of industries.

Multi-Protocol, Multi-Client Streaming	
Adobe Flash® RTMP (RTMPE, RTMPT, RTMPTE, RTMPS) Adobe Flash HTTP Dynamic Streaming (HDS)	Flash Player Air
Apple® HTTP Live Streaming (HLS)	iPhone®, iPod®, iTouch™ (iPhone OS 3.0 or later) iPad® QuickTime® Player (10.0 or later) Safari (4.0 or later on Snow Leopard) Roku® and other HLS compatible players
Microsoft® Smooth Streaming	Silverlight® 3 or later
RTSP/RTP	Quicktime Player VideoLAN VLC player Mobile devices (3GPP) Other compliant players
MPEG2 Transport Stream (MPEG-TS)	IPTV set-top boxes
Compatible Live Encoding	
RTMP	Video: H.264, VP6, Sorenson Spark®, Screen Shared codec Audio: AAC, AAC-LC, HE-AAC, MP3, Speex, NellyMoser ASAO
RTSP/RTP	Video: H.264 Audio: AAC, AAC-LC, HE-AAC, MP3, Speex
MPEG-TS	Video: H.264 Audio: AAC, AAC-LC, HE-AAC, MP3
ICY (SHOUTcast/icecast)	Audio: AAC, AAC-LC, HE-AAC (aacPlus), MP3
Supported File Formats	
Video and Audio	FLV (Flash Video - .flv) MP4 (QuickTime container - .mp4, .f4v, .mov, .m4v, .mp4a, .3gp, and .3g2) MP3 (.mp3)

Applicable Transport Protocol and Payload Specifications

RTSP	IETF RFC2326
RTP: H.264	IETF RFC3984, QuickTime Generic RTP Payload Format
RTP: ACC	IETF RFC3640 IETF RFC3016 ISO/IEC 14496-3
RTP: MP3	IETF RFC2250
RTP: Speex	IETF RFC5574
MPEG-TS	ISO/IEC 13818-1
MPEG-TS over RTP	IETF RFC2038

System Requirements

Minimum recommended production hardware	CPU: Single Quad Core, 3.00 GHz or better RAM: 4GB Disk: 2 or more in RAID 0 (striping) Network: 1Gb Ethernet
Supported operating systems	Windows® (XP, Vista, 7, 8; Server 2003, 2008, 2012) Linux (all distributions) Solaris Mac® OS Unix
Java (required)	Java Runtime Environment (JRE) 6 or greater or Java Development Kit (JDK) 6 or greater

Wowza Transcoder AddOn

Decoding	Video: MPEG2, MPEG4 Part 2, H.264/AVC Audio: MP3, AAC (LC & HE), MPEG1 Part 1/2, Speex, G.711
Encoding	Video: H.264/AVC Audio: AAC (LC & HE)

Wowza nDVR AddOn

Live Stream Caching and Playout	Single content cache for simultaneous playout to Adobe Flash HDS, Microsoft Smooth Streaming, and Apple HLS clients
Live Stream Time Shifting	Pause, Rewind, Forward, Resume to Live

Wowza DRM AddOn

3rd Party DRM Platform Compatibility	Verimatrix® VCAS™ for Apple HLS devices with ViewRight™ clients Microsoft PlayReady® for Micrososft Smooth Streaming clients BuyDRM™ KeyOS Platform EZDRM Hosted Silverlight DRM
Encryption Methodology	For Live: per-stream with the ability to rotate keys For VOD: per-asset or per-session with the ability to rotate keys