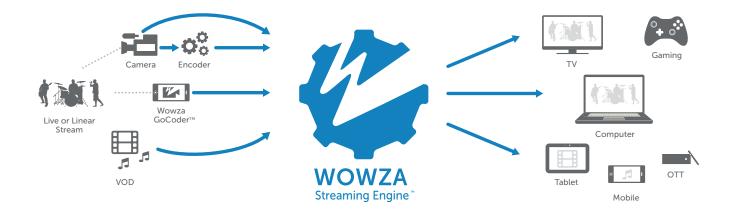# WOWZA STREAMING ENGINE™ 4

Wowza Streaming Engine is robust, customizable, and scalable server software that powers reliable video and audio streaming to any device.

INPUT
Wowza Streaming Engine™ accepts major protocols and codecs. Works With Wowza™ partners have preconfigured settings for easy setup.

TRANSCODE, PREPARE, DELIVER
Wowza Streaming Engine transforms your input stream and delivers it so that it's viewable on any device anywhere. Now includes unlimited use of Transcoder, nDVR, and DRM.

OUTPUT/PLAYBACK
Wowza Streaming Engine supports all playback device formats and common third-party players.

WHICH WOWZA® IS RIGHT FOR YOU?

WOWZA STREAMING ENGINE

Media server software with ability to deploy on premises or in the cloud, complete server-level control, cost-effective monthly pricing and APIs.

WOWZA STREAMING CLOUD

End-to-end live streaming service with managed infrastructure, a player, autoscaling to any size audience, quick setup, pay-as-you-go pricing, and an API (preview).

WOWZA STREAMING ENGINE™ 4
TECHNICAL SPECIFICATIONS

Wowza Streaming Engine is robust, customizable, and scalable server software that powers reliable video and audio streaming to any device.

Streaming Delivery Multi-Protocol, Multi-Client	Adobe Flash® RTMP (RTMPE, RTMPT, RTMPTE, RTMPS) Adobe Flash HTTP Dynamic Streaming (HDS)	Flash Player Adobe® AIR® RTMP-compatible players HDS-compatible players
	Apple® HTTP Live Streaming (HLS)	iPhone®, iPod®, iPad® (iOS 3.0 or later) QuickTime® Player (10.0 or later) Safari® (4.0 or later on Mac OS X version 10.6) Roku® streaming devices Other HLS-compatible players
	MPEG-DASH	DASH-HEVC/265, DASH-AVC/264, and DASH-WebM/VP9-compatible players
	Microsoft® Smooth Streaming	Silverlight® 3 or later Other Smooth Streaming-compatible players
	RTSP/RTP	QuickTime Player Other RTSP/RTP-compliant players VideoLAN VLC media player 3GPP-compatible mobile devices
	MPEG2 Transport Protocol (MPEG-TS)	IPTV set-top boxes Multicast to any Silverlight-enabled desktop
Live Streaming Compatible Encoding Inputs	RTMP	**Video**: H.264, VP8, VP6, Sorenson Spark®, Screen Video v1 & v2 **Audio**: AAC, AAC-LC, HE-AAC+ v1 & v2, MP3, Speex, Opus, Vorbis
	RTSP/RTP	**Video**: H.265, H.264, VP9, VP8 **Audio**: AAC, AAC-LC, HE-AAC+ v1 & v2, MP3, Speex, Opus, Vorbis
	MPEG-TS	**Video**: H.265, H.264, VP9, VP8 **Audio**: AAC, AAC-LC, HE-AAC+ v1 & v2, MP3, AC-3 (Dolby® Digital), E-AC-3 (Dolby Digital Plus), Opus, Vorbis
	ICY (SHOUTcast/Icecast)	**Audio**: AAC, AAC-LC, HE-AAC+ v1 & v2, MP3
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**: 1Gbps Ethernet
	Supported operating systems	Windows® (XP, Vista, 7, 8, 10; Server 2003, 2008, 2012), Linux (all distributions), Mac® OS X
	Java (required)	Java™ Runtime Environment (JRE) 8+ or Java Development Kit (JDK) 8+
Wowza Transcoder	Decoding (inputs)	**Video**: H.265/HEVC, H.264/AVC, MPEG4 Part 2, MPEG2, VP9, VP8 **Audio**: MP3, AAC, AAC-LC, HE-AAC+ v1 & v2, MPEG1 Part 1/2, Speex, G.711, Opus, Vorbis
	Encoding (outputs)	**Video**: H.265/HEVC, H.264/AVC, H.263 (v2), VP9 **Audio**: AAC, AAC-LC, HE-AAC+ v1 & v2, Opus, G.711

Support for market-leading and emerging resolution standards from SD and HD, to 4K UHD and above

Detailed specifications available at wowza.com/wse-specs

To learn more about how others are using Wowza streaming technology, visit wowza.com or contact sales at sales@wowza.com.