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

**WHICH WOWZA® IS RIGHT FOR YOU?**

**WOWZA STREAMING ENGINE™ 4**

**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.

**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 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).

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**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, RTMPP, RTMPS) | Flash Player: Adobe® AIR® RTMP-compatible players
|                           | Adobe Flash HTTP Dynamic Streaming (HDS)        | 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**

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

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