Wowza Streaming Engine
Customizable Media Server Software

Why Wowza Streaming Engine?

- Reach any device and stream to any platform.
- Run your software in your own environment and on your terms — whether offline or behind a firewall
- Deliver with any protocol — HLS, DASH, WebRTC, and more
- Leverage security options including multi-vendor DRM support.
- Benefit from tight integration with CDNs.
- Build with Wowza Java API and REST APIs
- Quickly deploy and modify your streaming server or take advantage of extensive customization for advanced applications

Product overview

The Wowza Streaming Engine™ software is the industry leader for live and on-demand video streaming. Built with a future-proof core architecture, it delivers broadcast-quality, mobile, low-latency, VR, and 360° video experiences to any end-user device.

Product features

On Premises or Offline
Run Wowza Streaming Engine on server(s) on private infrastructure or offline for enhanced security:

- Ideal for enterprise or government organizations looking to deploy streaming technology on premises behind a firewall.
- Flexible enough to sit in any environment — whether it's a Raspberry Pi, global network of servers, or ecosystem of cameras.

Flexible and Customizable
Ingest any stream and deliver to any devices:

- Robust support for all encoders, codecs, protocols, and players
- Comprehensive APIs to deliver innovative streaming services and SDKs to accelerate development
- Extend capabilities with pre-built or custom modules for encryption and DRM, multiple audio tracks, content syndication, and more

Optimized for Scalability
Seamlessly scale from simple to more robust developments as your needs and audience grow:

- Deploy and modify Wowza Streaming Engine instances by adding stand-alone instances, clusters, and edge servers.
- Can be combined with Wowza CDN or pre-integrated third-party providers

Additional Resources

- Product Page
- Steaming at Scale with Wowza
- Wowza Streaming Engine API’s
- Secure Streaming with Streaming Engine
How it works

Designed for builders looking to control their video infrastructure and customize as needed to suit business needs, our flexible streaming software checks all the boxes. Wowza Streaming Engine supports all major video streaming protocols and codecs to power reliable video and audio streaming on any device.

Differentiators

- Most stable solution on the market backed by SOC 2 Type 2 Certification.
- Built to build on, Wowza Streaming Engine can be quickly deployed and extensively customized.
- Delivered by the leader in streaming technology with a 15-year track record of serving companies across industries and use cases, from nationally recognized brands to government agencies with strict security requirements.

What our customers are saying

“Wowza was the only solution that we could put inside of our infrastructure and immediately leverage as the heart of our platform.”

- Dmitry Keshishev, Chief Digital Officer, Ruptly
### Data Points

- **15 year track record of Reliability and video expertise**
- **~35k unique software instances in use daily**
- **1/3+ of global CDNs use Wowza Streaming Engine**
- **4.5-star rating on Captera**

### Product Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Compatibility</th>
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</thead>
<tbody>
<tr>
<td>Apple® HTTP Live Streaming (HLS)</td>
<td>Phone®, iPod®, iPad® (iOS 3.0 or later) QuickTime® Player (10.0 or later)</td>
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<tr>
<td></td>
<td>Safari® (4.0 or later on Mac OS X version 10.6)</td>
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<tr>
<td></td>
<td>Roku® streaming devices</td>
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<tr>
<td></td>
<td>Other HLS-compatible players</td>
</tr>
<tr>
<td>Apple® Low-Latency HTTP Live Streaming (Low-Latency HLS)</td>
<td>iPhone®, iPod®, iPad® (iOS 3.0 or later) Other HLS-compatible players</td>
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<tr>
<td>MPEG-DASH</td>
<td>DASH-HEVC/265, DASH-AVC/264, and DASH-WebM/VP9</td>
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<tr>
<td>WebRTC</td>
<td>Safari, Firefox, Chrome, Edge</td>
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<tr>
<td>Adobe Flash® RTMP (RTMPE, RTMPT, RTMPTE, RTMPS)</td>
<td>Flash Player Adobe® AIR® RTMP-compatible players</td>
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<tr>
<td>RTSP/RTP</td>
<td>Quicktime Player Other RTSP/RTP-compliant players VideoLAN VLC media player</td>
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<tr>
<td></td>
<td>3GPP-compatible mobile devices</td>
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<tr>
<td>MPEG2 Transport Protocol (MPEG-TS)</td>
<td>IPTV set-top boxes Multicast to any Silverlight-enabled desktop</td>
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Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace/solutions/)