



VMIX Core

The Industry's Most Scalable,
Carrier-grade Video Web Services

VMIX CORE offers a complete set of video web services that integrate seamlessly to support your mission-critical products and services.

Using standards-based REST interfaces, CORE offers a global, cloud-based network of media ingestion services, industry-leading encoding technologies, and a comprehensive range of media management and delivery services.

Designed with enterprise web and application developers in mind, VMIX CORE services have the proven performance, reliability and scalability you need to meet the growing demand for video integration in your business.

VMIX Core Features



GLOBAL MEDIA INGESTION

Streamline the process of adding content to your media library with VMIX CORE's globally distributed media ingestion services. Smart routing ensures that as you upload media or stream live video, data is routed automatically to the closest, highest-speed source. Our HTTP, FTP and email upload options ensure maximum performance and flexibility.



2X REAL TIME ENCODING

VMIX proprietary 2X real-time encoding offers the fastest encode times in the industry. Our video transcoding processes a video file in less than half the time it takes for that file to play. Each encoded video file is unique and can be separately managed, downloaded and embedded.

If you need to play back video on virtually any device, CORE offers highly customizable encoding dimensions and bitrates, along with streaming options for flexible delivery and display. Select from a range of preset options or set your own encode parameters. Our encoding is cloud-based and will scale to meet steady increases in demand or sudden usage spikes.

MORE FEATURES ▶

VMIX CORE delivers end-to-end video management and publishing services, customizable and scalable to your business needs.

CORE elevates your presence in the market through video, and helps build active user engagement and solid loyalty.

Benefits

- ▶ Integrate high-quality video into all your web and mobile applications
- ▶ Streamline media management and delivery across your organization
- ▶ Fastest encode and processing speeds
- ▶ Localized storage for global clients
- ▶ Storage and output formats scalable on demand and only as needed
- ▶ Group, publish and share media using flexible and dynamic VMIX playlists
- ▶ Freedom to build unique upload, encode and delivery solutions using our APIs

The Best Tools and Features for Mobile Success



HARDENED GLOBAL STORAGE

VMIX CORE provides a simple web-services interface for storing and retrieving media files of any size, at any time, from anywhere. Write, read and delete media files up to 5 terabytes in size, with no limit to the number of files you can store. VMIX CORE's highly durable storage infrastructure is designed for primary and mission-critical storage of your media assets, with files stored across multiple instances and facilities. Built-in authentication mechanisms ensure that data is protected from unauthorized access.



END-TO-END MEDIA MANAGEMENT

CORE includes full access to robust VMIX APIs for classifying, managing and publishing your content. Our APIs provide complete control over the organization and processing of your media. Filter and group your media by collection, genre or tag, creating playlists from list results. Approve or edit media, and define publication dates to manage when and for how long content is live on your sites and applications. CORE APIs also let you share and co-publish content with partner sites. As you add, update and re-order media on the fly, changes will propagate automatically across your pages, publishing groups and partners.



FLEXIBLE MEDIA DELIVERY

VMIX CORE offers a full range of delivery formats and streaming options to make your content available across all of your websites, mobile applications and devices. Formats and options include RTMP, RTSP and HTTP streaming, with flexible delivery APIs that let you request precisely the formats you need. Core makes global delivery easy with our out-of-the-box integration to AWS and Akamai content delivery networks as well as the option to leverage your CDN of choice.



MEDIA SERVICE MONITORING

Platform performance, resource utilization, overall demand patterns—VMIX CORE gives you the tools you need to monitor your media integration. Track the number and load of files uploaded, encoded, stored and delivered on a daily, weekly, monthly or custom-defined basis. Break down reports by media type and domain, and roll up data across multiple accounts. Customized reports can be saved for review, embedded as live reports on internal dashboards, or exported for sharing.

Platform Support and Requirements

VMIX CORE supports media upload, management and delivery across major browsers and operating systems on most video-capable devices. Support for additional platforms and formats continue to be added; please inquire if a required format is not listed.

Media Upload Formats

- ▶ **Video Formats:** On2VP6 Flash FLV; MPEG-1, MPEG-2 and MPEG-4; H.264/ MPEG-4 AVC; AVI; QuickTime; Windows Media Video; 3G2 and 3GP
- ▶ **Image Formats:** JPG/JPEG, PNG, GIF
- ▶ **Audio Formats:** MP3, AU, AIFF, WAV, WMA

Media Output and Delivery Formats

- ▶ **Video Output Formats:** H.264, FLV
- ▶ **Video Delivery Options:** HTTP (progressive) download, adaptive HTTP streaming, adaptive RTMP and RTMPE streaming