

Adobe® Flash® Media Streaming Server 4

High-quality live and on-demand video streaming



Who is this product for?

- Individuals or companies that have basic, low-capacity streaming requirements
- Bloggers who want to broadcast live or on-demand streams
- Videographers who need to allow clients to more securely view their videos on the web
- Small to midsize companies that want to implement training or broadcast companywide video messages
- Website owners who want to embed and protect high-quality streaming video

Step up from progressive download video delivery. Start streaming live and on-demand content quickly and easily to a wide variety of platforms and devices and benefit from greater content protection and advanced playback experiences with adaptive bitrates.

Upgrade from progressive delivery—Enjoy enhanced playback features including live support, trick modes, and full access seeking. Take advantage of RTMP Dynamic Streaming, which leverages server-side bandwidth detection along with quality-of-service APIs in Adobe Flash Player software to deliver the optimum bitrate to clients based on their connection speed and processing power.

Make the move to protected streaming—Utilize server-side Access C++ plug-ins to enable more secure communication with Adobe Flash Media Live Encoder 3.1 software. Enable content protection and access rules for your valuable content with more secure file encryption, while still allowing seamless access for the viewer. Adobe Flash Access™ software allows publishers to maintain control of their content throughout the production workflow.

Provide a superior playback experience—Take advantage of the enhanced functionality in Flash Player 10.1 that gives interactive access to media held in the buffer, enabling features such as faster seeking, trick mode playback (fast motion, slow motion, and frame stepping). It also allows the video player to reconnect to the server if the connection is lost while still playing out the contents of the buffer for smooth, uninterrupted playback.

Get started easily—Easily implement the latest player features such as protection with Flash Access and RTMP Dynamic Streaming with the choice of a prebuilt player, a hosted player, or the full Open Source Media Framework (OSMF). Adobe Flash Media Playback is a hosted solution that features cached player logic for optimized media playback. Strobe Media Playback allows designers, content owners, enterprises, and developers to get started easily with an out-of-the-box, feature-rich media player, with the flexibility of open source code. If you prefer to build a completely custom player, leverage the standards-based OSMF, which helps reduce the complexity of player development, allowing more time to focus on the overall user experience and content.

Maintain unparalleled reach—Reach the widest possible audience by delivering content to Flash Player or Adobe AIR® applications, allowing users to stream premium content to Mac OS, Windows®, or Linux® desktops on the most ubiquitous media delivery platform. Deliver both live and on-demand streams to a growing number of mobile devices that support Flash Player 10.1. The video experience in the browser can now be delivered smoothly to various mobile devices.

System requirements

Supported operating systems

- Microsoft® Windows Server 2008 R2 64 bit/SP2 32 bit
- Microsoft® Windows Server 2003 SP2 32 bit
- Linux CentOS 5.3 64 bit/32 bit
- Red Hat® Enterprise Linux® Server 5.3 64 bit/32 bit

Hardware requirements

- 3.2GHz Intel® Pentium® 4 processor (dual Intel Xeon® or faster recommended)
- 32-bit operating systems: 2GB of RAM (4GB recommended); 64-bit operating systems: 4GB of RAM (8GB recommended)
- 1Gb Ethernet card

Related products

- Adobe Flash Media Enterprise Server 4
- Adobe Flash Media Interactive Server 4
- Adobe Flash Media Development Server 4
- Adobe Flash Access 2
- Open Source Media Framework
- Adobe Flash Media Playback
- Strobe Media Playback

Top reasons to buy Flash Media Streaming Server 4

Enhanced buffer—Take advantage of enhanced functionality in Flash Player 10.1 that gives interactive access to media held in the buffer, enabling features such as trick mode playback (fast motion, slow motion, and frame stepping). It also allows the video player to continue to play buffered video while reconnecting to the server if the connection is lost.

Full 64-bit support—Maximize your server resources with full 64-bit support. Install on a wider range of platforms, now with support for CentOS 5.3, Red Hat Enterprise Linux 5.3, and Windows Server 2008.

Greater live streaming security—Utilize server-side Access C++ plug-ins to enable more secure communication with Flash Media Live Encoder 3.1.

Faster switching with RTMP Dynamic Streaming—Enjoy faster switching between streams when utilizing RTMP Dynamic Streaming for adaptive bitrate delivery, which improves the user experience during bandwidth fluctuations. RTMP Dynamic Streaming is a quality-of-service feature that responds to changes in a viewer's bandwidth or computing resources and quickly switches between bitrates during playback without disruption.

Absolute time code—Help ensure that existing time codes persist within media files to allow richer synchronization between streams, improving interactive experiences (such as switching audio tracks or camera angles) with multibitrate and multistream video and synchronized playback events.

RTMP quality-of-service improvements—Support differentiated services to allow quality of service and guaranteed services for RTMP communication and media streaming, enabling administrators to help ensure that RTMP communication can be prioritized while limiting the disruption caused by other network activity.

Integrated HTTP server—Help ensure that your content is easily and reliably delivered, even when RTMP delivery is not supported. Use this integrated solution to deliver all components of your video application over HTTP.

Easier implementation—Get started right away with easy out-of-the-box deployment. Adobe Flash Media Streaming Server 4 software comes with prebuilt features for live and video-on-demand delivery of encrypted media for play back to Flash Player and the Adobe AIR runtime.

Live HD video streaming—Get robust, high-performance live streaming of H.264 and VP6 video in conjunction with Flash Media Live Encoder 3.1, enabling you to deliver around-the-clock live video feeds for news, events, and social media sites and support a high volume of subscribers in real time.

For more information

www.adobe.com/go/fms



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