

EzyCast Mobile

Mobile video, made simple.



Media content anywhere, anytime are just one of the many key phrases which describe and characterize EzyCast Mobile.

EzyCast Mobile is a professional streaming tool able to stream live content such as TV, webcams, radio and many more, directly into multimedia-ready mobile devices. EzyCast Mobile is a key enabler to create advanced Mobile Streaming services, as a single solution for mobile broadcast and delivery.

This software application (Windows 2K/XP/2003/Vista) simplifies streaming Real, Windows, QuickTime and other media types to mobile devices. Broadcast any format of media content.

EzyCast Mobile can output multiple data streams for multiple devices in multiple formats, resolutions, bitrates and transfer protocols at the same time. Each data stream contains a software watchdog to keep the systems 100% redundant. Live Scheduler controls the active Streaming Profiles.

EzyCast Mobile produces superior stream quality compared with other streaming tools.

At XStream Media, we develop our own software (Source Code) and are therefore able to make improvements very quickly. Our broadcasters also support an unparalleled number of encoding profiles per input, meaning that fewer encoders are needed to deliver a mobile streaming solution. EzyCast Mobile supports all the latest codec's such as MPEG1/2/4, H.263, H.264 video and MPEG1-A, AMR, MP3 and AAC audio. This software application simplifies streaming Real, QuickTime, Windows and 3GP to any mobile device. Broadcast any format of mobile content, click on the 'Start Streaming' button and EzyCast Mobile will send a SMS text message with a hyperlink which starts your streaming video.

Handset Compatibility

EzyCast Mobile is 100% interoperable and compliant with all standard codec's. XStream Media conducts extensive and regularly tests within relevant industry groups, which guarantees that live streams produced by XStream Media will work on all 3GP & MP4 handsets in the market today.

All the viewer needs is a mobile device with a Real, Windows, QT, VLC compatible media player, and a data connection for browsing the internet.

With the mobile carriers and networks lately reduced data rates there has never been a better time to watch video on mobile devices.



XStream Media Mobile Video Streaming Software Vs Others

- **Standalone:**

No need for web or streaming servers or any 3rd party software.
Don't depend on Hardware. A small Windows OS application.

- **Any Input Video Source:**

Local/Remote, VOD/Live, Mixer, Simulated, etc...

- **Safe & Private:**

No one can hack or view your video without knowing the URL.

- **Redundant:**

Doesn't depend on remote streaming servers and telcos/carriers, fail-safe.

- **Automatic/GUI:**

Removed a lot of steps to speed up setup, very simple and easy.
No need for Network Administration to set up Firewalls, Routers, Networking.

- **Average PC Power:**

Designed to work with machines and networks with limited resources.

- **Low Cost:**

Very low cost, comparing all the other online streaming platforms.
Minimized costs, removed management and administrator fees.

- **Bandwidth:**

We don't charge extra for the bandwidth usage.
All you need is Internet for the PC and Mobile device.

- **Custom Mobile Stream Engine:**

Using our own Mobile Streaming Engine SDK, not any 3rd Party Tools/SDK.
(E.g. Elecard, LeadTools, Dicas, etc...)

Specifications and Features

Editions:

- Lite
- Standard
- Power
- Ultra
- Enterprise / SDK

Platforms:

- Windows (2000, 2003, XP, Vista)

Production:

- Live or on-demand encoding and delivery options
- Delivers supreme quality encoding with highly optimized encoding algorithms
- Encodes live content from all popular capture cards
- Simultaneously produces on-demand for VOD services
- Output multi-track
- Create live channels using MuViS Technology (no live source is needed)
- Create live program schedules using a mix of live and file input
- Easy to use with an intuitive graphical user interface
- Auto Wizard for seamless and easy usage
- Simple automation with a command line interface and XML-based encoding profiles
- Build-in Web Server and Streaming server
- Pre-defined encoding profiles for mobile devices encoding
- Multiple Tasks with multiple Play lists
- Live Scheduler
- Multiple Inputs and Outputs
- Media Watch Dog (100% Software Redundant, Auto-Failover)
- CMD Line modes
- Pre-defined encoding profiles for mobile devices encoding

Media Processing:

- Live Video and Audio Mixer with PiP and 3D
- Overlay graphics and text onto videos in real-time
- Image resolution 32×32 to 1920×1080
- Real-time encoding
- Bit rate 5 Kbps - 30 Mbps
- Frame rate 1 fps - 60 fps
- Adjustable key-frame time
- Constant (CBR) and variable bit-rate (VBR)
- De-interlacing, resizing, cropping, color correction
- Frame accurate time stamps and Frame Controller

Transcoding:

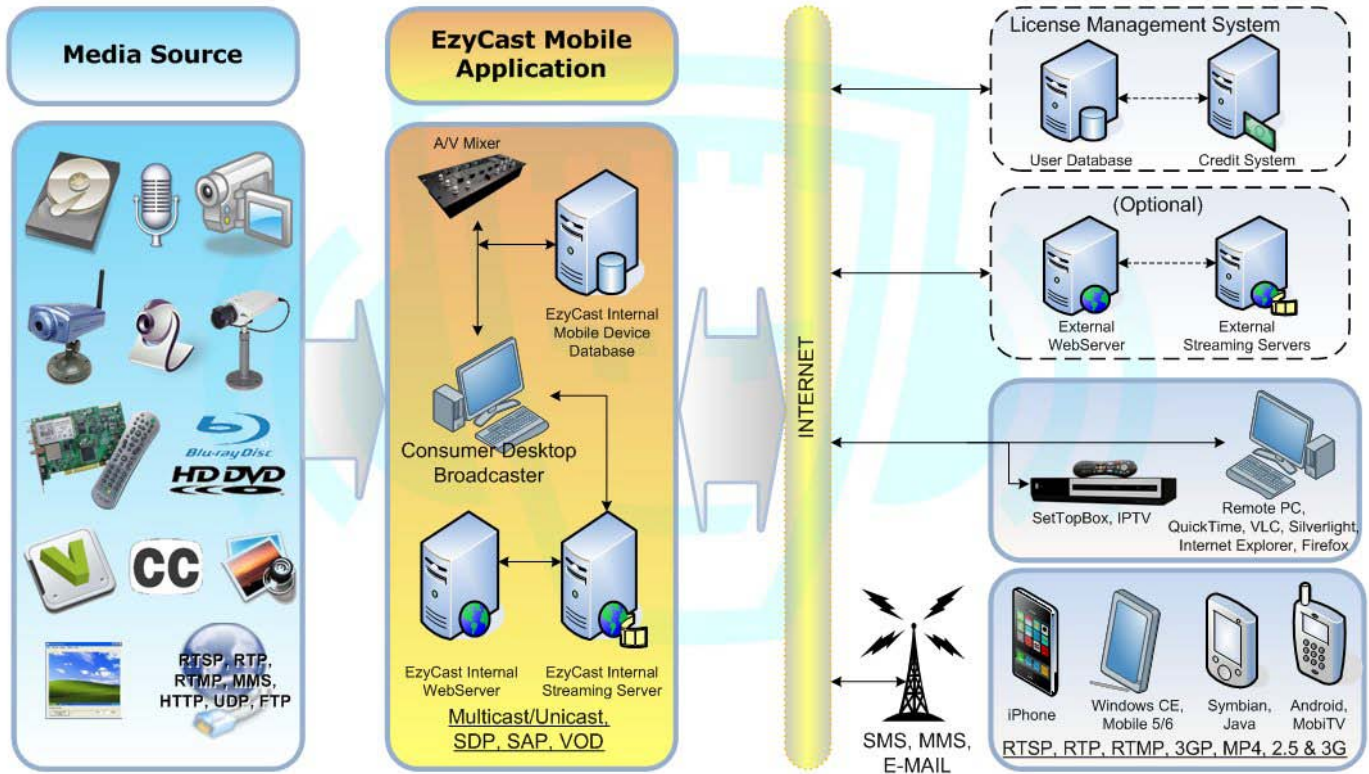
- Video output: H.264, H.263, MPEG1/2/4
- Audio output: HE-AAC V.1/2, AAC-LC, AMR-WB, AMR-NB, MPEG1/2, MP3
- Compatible with all MP4, 3GP and 3GPP compliant devices
- Compatible with 3rd party servers Xenon, Real Helix, Darwin, Windows Media Server and QuickTime
- Output Streaming Transfer Protocols RTSP/RTP and HTTP standards compliant
- Encodes Windows Media and IPTV (MPEG-2 TS) live sources (Optional)
- Output Streaming Transfer Protocols Microsoft MMS (Optional)
- Control of CPU Vs Quality Vs Size of the encoded media data

Storage and distribution:


- Scalable architecture supporting hundreds of simultaneous streams
- Optional DRM and payment gateway services
- RTSP Interleaving
- HTTP tunneling
- RTP Multicast and Unicast IP
- IPv4 supported
- SMS, MMS and Email Notifications
- One-Button Broadcast/Stream
- Extra User Metadata
- Automation, easy to use and fast to setup
- LAN, WAN, Wi-Fi, 2.5 & 3 G networks
- iPhone, Android (Optional)
- Unlimited output channels (based on hardware capabilities)
- Delivers quality video to mobile devices at data rates as low as 20kbps for video
- Purely software-based solution that can be auto upgraded easily
- Smooth video delivery over IP networks
- Fully redundant with instant switchover in the event of stream failure.
- UPnP and NAT-PMP Port Mapping

Media Input - Output:

1. Virtual Capture Devices (Sink-Source),
2. Live Cameras (WebCam, USB Cameras)
3. All Capture Cards (DirectShow Analog, Mpeg, Tuner, Satellite and Digital),
4. Video & Audio Files,
5. URL Streaming (RTSP, RTP, MMS, HTTP, UDP, TCP),
6. Static, Sequence and thumb Images (GIF, JPEG, JPEG-2k, BMP, PNG) (ColorKey/Transparent),
7. Text, Captions, Subtitles, Overlays Vector- Images Files.
8. Custom Data and I/O Relay,
9. IP/Network Cameras (Axis, Philips, Pixar, TI, AproTech, etc...),
10. Audio Mixer, Line In, Microphones,
11. DVD, VCD, HD-DVD/Blue-Ray (Optional)
12. DV and HDDV Cameras (Firewire capture devices)
13. Screen/Desktop Capture
14. HTTP/FTP Files Reader/Writer.
15. Flash File Source and Flash Overlay.
16. Video Render (Overlay, Screen, VideoWall),
17. DeckLink and Bluefish Cards (Black Magic Design and Digital Voodoo)



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Want to see more?
To view examples of our work and the results achieved by using XStream Media products please visit our website www.xstreamm.com
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About XStream Media

XStream Media Comms was founded in Melbourne, Australia in 2006, with the goal of developing low-cost technology that enables computer users to access and broadcast easily high quality video without the need for complicated installations, setups or any other expert knowledge. XStream Media makes Internet-based video as easy to use as the television is today, with no restrictions in delivering video across the Internet, the corporate LAN, through routers, firewalls or virus-checking systems.

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