



Visionary Solutions, Inc.

PACKETV[®] MOBILE

Stream to Mobile Devices Using HLS technology



What is PackeTV Mobile?

PacketV[®] Mobile is the latest innovation from Visionary Solutions, allowing you to leverage existing video assets for easy and instant mobile delivery. With the exploding demand for video delivery to mobile devices, PacketV[®] Mobile is a cost-effective, flexible solution to help you reach more people, more quickly, more simply.

- Seamless availability of video to multiple bitrate clients
- No CDN required — reduced setup, bandwidth, and labor costs
- Simple, single-box deployment for live and pre-recorded video
- Easiest system available to set up and use
- No more management of multiple streams
- Efficient use of bandwidth — clients get the best quality their connection allows
- Centralized management of video assets

REQUIREMENTS FOR PACKETV[®] MOBILE

Sources

- Existing analog or digital video (HD or SD)
- Existing files (mp4, mov)
- Existing Transport Streams (MPEG-TS)

Equipment

- PacketV[®] Mobile Server
- One or more H.264 encoders

Network

- Ethernet network for acquisition of video
- Wireless network for delivery to mobile devices locally
- 3/4G Network for delivery to mobile devices globally

HLS Technology

HTTP Live Streaming (HLS) technology is a method of taking live (or stored) video streams and making them available to mobile devices via Ethernet, WiFi or 3/4G (and fixed devices like STBs, Macs and PCs with HLS media players).

HOW DOES IT WORK?

1. HLS breaks the overall video stream (live or file) into a series of downloadable chunks at various qualities.
2. Devices—iOS, Android, iPad, Mac, PC—download and play the individual video files through HTTP requests, avoiding common firewall issues.
3. PacketV[®] Mobile's adaptive playlist enables clients to continually access bandwidth, downloading the best quality for their connection to deliver uninterrupted video.

IDEAL APPLICATIONS FOR PACKETV[®] MOBILE

- Enterprise
- Government
- Schools
- Worship

Why VSI?

- Professional IPTV specialists for over 10 years
- Solid performance of embedded appliances
- System-level understanding and customer-focused problem solving