



Packet Ship *Streamline* Video Server

- Video-on-Demand, IPTV & OTT streaming
- Stream to STBs, PCs, iPhone & iPad
- Deliver a single asset to multiple screens
- High performance on commodity hardware
- Fully integrated with leading client devices

Packet Ship Streamline is a scalable, standards-based video server which can deliver hundreds of broadcast-quality video streams from a single commodity Linux server.

For private network streaming, the server uses standard protocols such as RTSP and RTP and is highly configurable, and hence can interoperate with the majority of existing clients. The software has been tested and deployed with market-leading set-top boxes such as Amino, Motorola, Exterity and XAVi, and desktop clients such as VLC.

The video server also supports public Internet (OTT) streaming to STBs, PCs, iPhones and iPads with RTSP/TCP, progressive HTTP and adaptive HTTP Live Streaming (HLS), from a single asset file.

As well as simple playback, pause and seek, the server provides 'trick mode' visual fast forward/rewind for MPEG-2 and H.264 content, at any speed.

As with all Packet Ship's products, Streamline is designed for easy integration into customer solutions, with full XML control and configuration interfaces.

Markets

Consumer
Hospitality
Healthcare
Education
Corporate

Technologies

MPEG-2
H.264
RTSP/RTP
HTTP
HLS

Applications

Video-on-Demand
OTT TV
Catch-up TV
Multicast Playout
Digital Signage

Technical Data

Platform	Linux (any distribution, 2.6 kernel)
Formats	MPEG-2 or H.264 in MPEG-2 TS
Protocols	RTSP/UDP, RTSP/TCP, RTP, HTTP, HLS
Integration Points	SOAP/HTTP for stream management and monitoring
Performance	200Mbit/sec (1 HD, 1 CPU) up to 5GB/sec (4 SSD, 8 CPU)

Streamline

